N00207.AR.003621
NAS JACKSONVILLE
5090.3a

SITE ASSESSMENT REPORT FOR PETROLEUM CONTAMINATED AREA 25 UNDERGROUND STORAGE TANK SITE 119 FUEL TRANSFER SUMP NAS JACKSONVILLE FL

9/1/2012

TETRA TECH

Comprehensive Long-term Environmental Action Navy

CONTRACT NUMBER N62467-04-D-0055

Rev. 1
September 2012

Site Assessment Report
for
Petroleum Contaminated Area 25
UST Site 119 Fuel Transfer Sump

Naval Air Station Jacksonville
Jacksonville, Florida

Contract Task Order 0003

September 2012

NAS Jacksonville
Jacksonville, Florida 32212-0030

TETRA TECH

Rev. 1
September 2012

SITE ASSESSMENT REPORT
FOR
PETROLEUM CONTAMINATED AREA (PCA) 25
UST SITE 119 FUEL TRANSFER SUMP

NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA

COMPREHENSIVE LONG-TERM
ENVIRONMENTAL ACTION NAVY (CLEAN) CONTRACT

Submitted to:
Naval Facilities Engineering Command
Southeast
NAS Jacksonville Building 103
Jacksonville, Florida 32212

Submitted by:
Tetra Tech, Inc.
661 Andersen Drive
Foster Plaza 7
Pittsburgh, Pennsylvania 15220

CONTRACT NUMBER N62467-04-D-0055
CONTRACT TASK ORDER 0003

SEPTEMBER 2012

PREPARED UNDER THE SUPERVISION OF:

MARK A. PETERSON, P.G.
TASK ORDER MANAGER
TETRA TECH, INC.
JACKSONVILLE, FLORIDA

APPROVED FOR SUBMITTAL BY:

DEBRA M. HUMBERT
PROGRAM MANAGER
TETRA TECH, INC.
PITTSBURGH, PENNSYLVANIA

PROFESSIONAL CERTIFICATION

Site Assessment Report
Petroleum Contaminated Area (PCA) 25
Underground Storage Tank (UST) Site 119 Fuel Transfer Sump
Naval Air Station (NAS) Jacksonville, Florida

This Site Assessment Report was prepared under the direct supervision of the undersigned geologist using geologic and hydrogeologic principles standard to the profession at the time the report was prepared in general conformance with the Requirements of Chapter 62-770, Florida Administrative Code. If conditions are determined to exist that differ from those described, the undersigned geologist should be notified to evaluate the effects of additional information on the assessment described in this report. This report was developed specifically for the referenced site and should not be construed to apply to any other site.

Mark Peterson, P.G.
Florida License Number PG-1852

9/10/12
Date

TABLE OF CONTENTS

SECTION **PAGE**

PG CERTIFICATION ..... **iii**

ACRONYMS/ABBREVIATIONS ..... **viii**

EXECUTIVE SUMMARY **ES-1**

1.0 INTRODUCTION **1-1**
1.1 PURPOSE AND SCOPE 1-1
1.2 FACILITY AND SITE LOCATION 1-1
1.3 REGIONAL GEOLOGY AND HYDROGEOLOGY 1-1
1.4 POTABLE WATER WELL SURVEY 1-4
1.5 TOPOGRAPHY AND DRAINAGE 1-5
1.6 LAND USE IN SITE VICINITY 1-5
1.7 SITE DESCRIPTION 1-7
1.8 SITE HISTORY AND OPERATIONS 1-7
1.8.1 Waste Product Removal 1-7
1.8.2 Tank Demolition and Removal 1-7
1.8.3 Piping Abandonment 1-8
1.8.4 Contaminated Soil and Groundwater 1-8
1.8.5 Summary of Tank Closure Activities 1-9
1.9 PURPOSE OF CURRENT INVESTIGATION 1-9

2.0 SUBSURFACE INVESTIGATION METHODS **2-1**
2.1 QUALITY ASSURANCE 2-1
2.2 SOIL QUALITY ASSESSMENT 2-1
2.2.1 Soil Borings 2-1
2.2.2 Field Screening Procedures 2-1
2.2.3 Fixed-Base Laboratory 2-1
2.3 GROUNDWATER ASSESSMENT METHODS 2-3
2.3.1 Permanent Monitoring Well Installation 2-3
2.3.2 Permanent Monitoring Well Samples 2-4
2.3.3 Quarterly Groundwater Monitoring 2-4

3.0 RESULTS OF INVESTIGATION **3-1**
3.1 SITE GEOLOGY AND HYDROGEOLOGY 3-1
3.1.1 Lithology 3-1
3.1.2 Groundwater Occurrence 3-1
3.1.3 Aquifer Classification and Characteristics 3-1
3.2 SOIL SCREENING RESULTS 3-7
3.3 SOIL SAMPLE ANALYTICAL RESULTS 3-14
3.3.1 Fixed-Base Laboratory 3-14
3.4 GROUNDWATER ANALYTICAL RESULTS 3-14
3.4.1 Initial Groundwater Investigation 3-14
3.4.2 Quarterly Groundwater Monitoring 3-15

4.0 HUMAN HEALTH RISK ASSESSMENT **4-1**
4.1 HUMAN HEALTH RISK ASSESSMENT PROTOCOL 4-1
4.1.1 Data Evaluation Protocol 4-1
4.1.2 Decision Rules for Establishing Chemicals of Potential Concern 4-9
4.1.3 Exposure Assessment/Estimation of Risk 4-10
4.1.4 Toxicity Assessment Protocol 4-12
4.2 RISK CHARACTERIZATION 4-13
4.2.1 Evaluation of Chemicals Other Than Lead 4-17
4.2.2 Interpretation of Quantitative Risk Assessment Results 4-17

4.2.3 Risk Characterization 4-17
4.2.4 Evaluation of Soil Contaminants Leaching to Groundwater 4-19
4.3 HUMAN HEALTH RISK ASSESSMENT UNCERTAINTY ANALYSIS 4-19
4.3.1 Uncertainty in Selection of COPCs 4-21
4.3.2 Uncertainty in the Exposure Assessment 4-22
4.3.3 Uncertainty in the Toxicological Evaluation 4-23
4.3.4 Uncertainty in the Risk Characterization 4-24
4.4 SUMMARY AND CONCLUSIONS 4-25

5.0 DISCUSSION 5-1
5.1 SOILS 5-1
5.2 GROUNDWATER 5-2

6.0 CONCLUSIONS AND RECOMMENDATION 6-1
6.1 SOILS 6-1
6.2 GROUNDWATER 6-1

REFERENCES R-1

APPENDICES

A DATA FROM TANK CLOSURE ASSESSMENT REPORT
B SAR SUMMARY SHEET
C FIELD NOTES
D WELL COMPLETION LOGS AND WELL DEVELOPMENT RECORDS
E FIXED-BASE LABORATORY RESULTS FOR SOIL
F FIXED BASE LABORATORY RESULTS FOR GROUNDWATER
G FLORIDA UCL CALCULATIONS
H BULKHEAD IMPROVEMENT PLANS
I MONITORED NATURAL ATTENUATION WORK PLAN

TABLES

NUMBER **PAGE**

1-1 Potable Water Well Survey 1-5
3-1 Groundwater Elevation and Monitoring Well Construction Data 3-3
3-2 Soil Vapor Headspace Measurements 3-8
3-3 Soil Analytical Results 3-16
3-4 Groundwater Analytical Results 3-33
4-1 Selection of COPCs in Soil 4-4
4-2 Selection of COPCs in Groundwater 4-6
4-3 Residential Risk characterization of Soil 4-14
4-4 Industrial Risk Characterization of Soil 4-15
4-5 Risk Characterization of Groundwater 4-16

FIGURES

NUMBER **PAGE**

1-1 Site Vicinity Map 1-2
1-2 Site Plan 1-3
1-3 Site Location Map 1-6
2-1 Soil Boring Locations 2-2
2-2 Typical Monitoring Well Design 2-5
3-1 Site Lithology 3-2
3-2 Groundwater Flow Map (December 2005) 3-4
3-3 Groundwater Flow Map, Low Tide (July 2007) 3-5
3-4 Groundwater Flow Map, High Tide (July 2007) 3-6
3-5 OVA Headspace Measurements 3-13
3-6 Soil Exceedances 3-32
3-7 Initial Investigation Groundwater Results 3-57
3-8 Quarterly Groundwater Results 3-58
5-1 Bulkhead Construction Details 5-4

ACRONYMS AND ABBREVIATIONS

ABB-ES	ABB Environmental Services, Inc.
AST	Aboveground Storage Tank
ATSDR	Agency for Toxic Substances and Disease Registry
bls	Below Land Surface
CalEPA	California Environmental Protection Agency
CLEAN	Comprehensive Environmental Action Navy
COC	Chemical of Concern
COI	Chemical of Interest
COPC	Chemical of Potential Concern
CSF	Cancer Slope Factor
CTO	Contract Task Order
ºC	Degrees Celsius
DPT	Direct-Push Technology
ENCO	Environmental Conservation Laboratories, Inc.
EPC	Exposure Point Concentration
F.A.C.	Florida Administrative Code
FDEP	Florida Department of Environmental Protection
FID	Flame-Ionization Detector
FL-PRO	Florida Residual Petroleum Organics Method
ft/day	Feet per Day
ft/ft	Feet per foot
ft/year	Feet per Year
GAG	Gasoline Analytical Group
GCTL	Groundwater Cleanup Target Level
HEAST	Health Effects Assessment Summary Tables
HHRA	Human Health Risk Assessment
HI	Hazard Index
HQ	Hazard Quotient
ID	Inside Diameter
ILCR	Incremental Lifetime Cancer Risk
IRIS	Integrated Risk Information System
KAG	Kerosene Analytical Group
LNAPL	Light Non-Aqueous Phase Liquid
LUC	Land Use Control
MCL	Maximum Contaminant Level

ACRONYMS AND ABBREVIATIONS (CONTINUED)

MER	Moran Environmental Recovery, LLC
Miller	Miller Drilling, Inc.
mg/kg	Milligrams per Kilogram
MLW	Mean Low Water
MRL	Minimal Risk Level
msl	Mean Sea Level
MSW	Marine Surface Water
NAS	Naval Air Station
NAVFAC SE	Naval Facilities Engineering Command, Southeast
NCEA	National Center for Environmental Assessment
OU	Operable Unit
OVA	Organic Vapor Analyzer
PAHs	Polynuclear Aromatic Hydrocarbons
PCA	Petroleum Contaminated Area
ppm	Parts per Million
PPRTV	Provisional Peer Reviewed Toxicity Values
PVC	Polyvinyl Chloride
PWC	Public Works Center
RfD	Reference Dose
RME	Reasonable Maximum Exposure
RMO	Risk Management Option
SA	Site Assessment
SAR	Site Assessment Report
SCTLs	Soil Cleanup Target Levels
SOPs	Standard Operating Procedures
TEF	Toxicity Equivalence Factor
TPH	Total Petroleum Hydrocarbons
TRPH	Total Recoverable Petroleum Hydrocarbons
UCL	Upper Confidence Limit
µg/kg	Micrograms per Kilogram
µg/L	Micrograms per Liter
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UST	Underground Storage Tank
VOC	Volatile Organic Compound

EXECUTIVE SUMMARY

Tetra Tech has completed a Site Assessment (SA) at Petroleum Contaminated Area (PCA) 25, Underground Storage Tank (UST) Site 119 Fuel Transfer Sump, Naval Air Station (NAS) Jacksonville, Florida in accordance with the requirements of Chapter 62-770, Florida Administrative Code (F.A.C.) and verbal agreement with the Florida Department of Environmental Protection (FDEP). This Site Assessment Report (SAR) is being submitted to the FDEP for approval.

Tetra Tech performed the following tasks during the SA:

- Reviewed available United States Navy documents to:
  - Identify potential sources and receptors for petroleum hydrocarbons in the vicinity.
  - Identify private potable wells within a 0.25-mile radius of the site and public water supply wells within a 0.5-mile radius.
  - Locate nearby surface water bodies.
  - Evaluate surface hydrology and drainage.
- Conducted a site survey to construct a site plan and measured depth to groundwater at specific locations.
- Performed a soil vapor survey in the unsaturated zone to delineate areas of excessively contaminated soil, if present.
- Advanced 23 borings on site and collected soil and groundwater samples from each for analysis by certified fixed-base laboratories.
- Advanced 87 additional step-out soil borings on site and collected soil samples from each for analysis by certified fixed-base laboratories.
- Installed five shallow monitoring wells and one intermediate monitoring well at PCA 25 and collected groundwater samples from these wells along with six existing wells for analysis of Gasoline Analytical Group/Kerosene Analytical Group (GAG/KAG) constituents.
- Referenced and obtained appropriate aquifer data from the United States Geological Survey (USGS) (Davis, Planert, and Andrews, 1996) to estimate aquifer characteristics at NAS Jacksonville.
- Conducted quarterly groundwater monitoring of wells at the site for analysis of GAG/KAG constituents.

The results of the soil vapor analysis during the SA revealed "excessively contaminated" soil [> 50 parts per million (ppm) organic vapor concentration] as defined by Chapter 62-770.200, F.A.C. in samples collected from the zone of saturation and the zone of water table fluctuation. "Excessively contaminated" soil was identified in the vadose zone at SB14 at 3 feet below land surface (bls); at SB-40 at 3 feet bls; at SB-41 at 1 foot bls; at SB-42 at 1 and 3 feet bls; at SB-47 at 1 and 3 feet bls; at SB-53 at 3 feet bls; SB-64 at 1 and 3 feet bls; SB-65 at 1 and 3 feet bls; and at SB-68 at 3 feet bls. "Excessively contaminated" soil was identified in the smear zone at SB-01 at 5 feet bls, at SB-77 at 5 feet bls, at SB-68 at 5 feet bls, at SB-73 at 5 feet bls, and at SB-74 at 5 feet bls.

Total Recoverable Petroleum Hydrocarbons (TRPH) was detected at a concentration exceeding the industrial Soil Cleanup Target Levels (SCTLs) of 2700 milligrams per kilogram (mg/kg) at SB-1 (5 feet), SB-31 (3 feet), SB-42 (3 feet), SB-64 (3 feet), SB-80 (3 feet), SB-85 (3 feet), andSB-96 (1 feet). TRPH exceeded its residential SCTL of 460 mg/kg at SB-66 (5 feet). Benzene and ethylbenzene were detected at a concentration exceeding their respective criteria for leachability SCTLs of 7 micrograms per kilogram (µg/kg) and 600 µg/kg, respectively, at SB-42 (3 feet) and for only ethylbenzene as SB-80 (3 feet). Chlorobenzene exceeded its criteria for leachability SCTL of 1,300 µg/kg at SB-47 (3 feet). The benzo(a)pyrene equivalents exceeded its residential SCTL of 100 µg/kg in SB-09 (3 feet), SB-14 (3 feet), SB-24 (3 feet), SB-25 (3 feet), SB-33 (3 feet), SB-46 (3 feet), SB-47 (3 feet), SB-63 (3 feet), SB-66 (5 feet), SB-69 (5 feet), SB-80 (3 feet), SB-85 (3 feet), SB-86 (3 feet), and SB-105 (1 foot). The benzo(a)pyrene equivalents exceeded its industrial SCTLs of 700 µg/kg in SB-01 (5 feet), SB-11 (3 feet), SB-31 (3 feet), SB-36 (3 feet), SB-65 (3 feet), SB-96 (1 foot), SB-97 (3 feet), and SB-98 (1 foot). 1-Methylnaphthalene exceeded its leachability SCTL of 3,100 µg/kg in SB-42 (3 feet), SB-64 (3 feet), SB-80 (3 feet), SB-85 (3 feet), and SB-96 (1 foot). 2-Methylnaphthalene exceeded its leachability SCTL of 8,500 µg/kg in SB-64 (3 feet), SB-80 (3 feet), and SB-85 (3 feet). Acenaphthene exceeded its leachability SCTL of 2,100 µg/kg at SB-01. Naphthalene exceeded its leachability SCTL of 1,200 µg/kg at SB-42 (5 feet).

The only constituents that exceeded their respective Groundwater Cleanup Target Levels (GCTLs) in the monitoring wells during the initial groundwater investigation were 1-methylnaphthalene and 2-methylnaphthalene, which were both detected at concentrations exceeding their GCTLs at MW-09. Quarterly groundwater monitoring was conducted between July 2007 and November 2008. Lead was detected at 29 µg/L in July 2007 and 20 µg/L in May 2008, exceeding the FDEP GCTL of 15 µg/L in JAX25-MW03. There were no exceedances in the August 2008 or November 2008 sampling events for lead. Benzo(a)anthracene was detected at 0.052 µg/L in August 2008, exceeding the FDEP GCTL of 0.05 µg/L in JAX25-MW15. JAX25-MW15 had no exceedances in July 2007 and May 2008, and was not sampled in November 2008. 1-Methylnaphthalene and 2-methylnaphthalene were detected at 56 µg/L and 57 µg/L, respectively, in May 2008, exceeding their respective GCTLs of 28 µg/L in JAX25-MW09. Benzene was detected at 1.2 µg/L in August 2008, exceeding the FDEP GCTL of 1 µg/L in JAX25-MW09.

Benzo(b)fluoranthene was detected at 0.054 µg/L in May 2008, exceeding the FDEP GCTL of 0.05 µg/L in JAX25-MW16I. Vinyl chloride was detected at 1.4 µg/L in May 2008, exceeding the FDEP GCTL of 1 µg/L in JAX25-MW16I. There were no exceedances of FDEP GCTLs at JAX-MW16I in August and November of 2008. Vinyl chloride was also detected in excess of the FDEP GCTL in JAX25-TF-MW11 at 3.4 µg/L in May 2008, at 6.1 µg/L in August 2008, and at 3.8 µg/L in November 2008.

The soil contamination appears to be limited to specific areas that have been delineated to clean concentrations at the site. Soil samples that exceeded industrial FDEP SCTLs for total petroleum hydrocarbons (TPH) and benzo(a)pyrene equivalents are below 2 feet of clean soil or below a paved asphalt surface constituting an engineering control to prevent direct human exposure to soils exceeding SCTLs per FDEP 62-770.680(2)(c)1.b. Based on this, it is recommended Risk Management Option (RMO) II be implemented at the site with land use controls (LUCs) being implemented at the site [FDEP 62-770.680(2)(c)1.b.] to prohibit residential use, to maintain the 2 feet of existing soil cover and/or pavement over the locations exceeding industrial SCTLs, and to prevent excavation of contaminated soil without proper controls being in place to limit exposure to site workers to contaminated media.

Groundwater flows to the south and southeast at the site towards a bulkhead along the St. Johns River. This bulkhead extends to a clay layer noted in the site lithology, and prevents shallow groundwater at the site from discharging directly to the St. Johns River, providing an effective groundwater engineering control. By preventing migration of site related contaminants to the St. Johns River the bulkhead could serve as an engineering control and the basis for a groundwater remedy under RMO II [FDEP 62-770.680(2)(d)2.]. However, due to the sporadic detections, relatively low concentration of contaminants in groundwater at the site, and recent monitoring data that indicates exceedances are limited to one well (JAX25-TF-MW11 with vinyl chloride detected at 3.8 µg/L in November 2008), the NAS Jacksonville Partnering Team has recommended to continue monitoring for natural attenuation at the site for an additional four quarters to determine if closure under RMO I (NFA without Controls) is possible.

1.0 INTRODUCTION

1.1 PURPOSE AND SCOPE

A Site Assessment (SA) and quarterly groundwater monitoring was conducted at Petroleum Contaminated Area (PCA) 25 [Underground Storage Tank (UST) Site 119 Fuel Transfer Sump], Naval Air Station (NAS) Jacksonville, by Tetra Tech for the Naval Facilities Engineering Command, Southeast (NAVFAC SE) under Contract Task Order (CTO) 0003, for the Comprehensive Long-term Environmental Action Navy (CLEAN) IV, Contract Number N62467-04-D-0055. The data collected during the investigation was used to prepare this Site Assessment Report (SAR). Information from the field investigation has been assimilated into this SAR to provide a characterization of site conditions from which to base future courses of action.

The purpose of this SA and quarterly groundwater monitoring was to evaluate the extent of petroleum hydrocarbons in surface and subsurface soils and groundwater at PCA 25 in accordance with the requirements of Chapter 62-770, Florida Administrative Code (F.A.C.). PCA 25 is relatively flat with a slight general downgrade slope eastward toward the St. John's River. The site is centered on a railroad sump, which was investigated and found to contain light non-aqueous phase liquid (LNAPL) during tank closure activities in 2004.

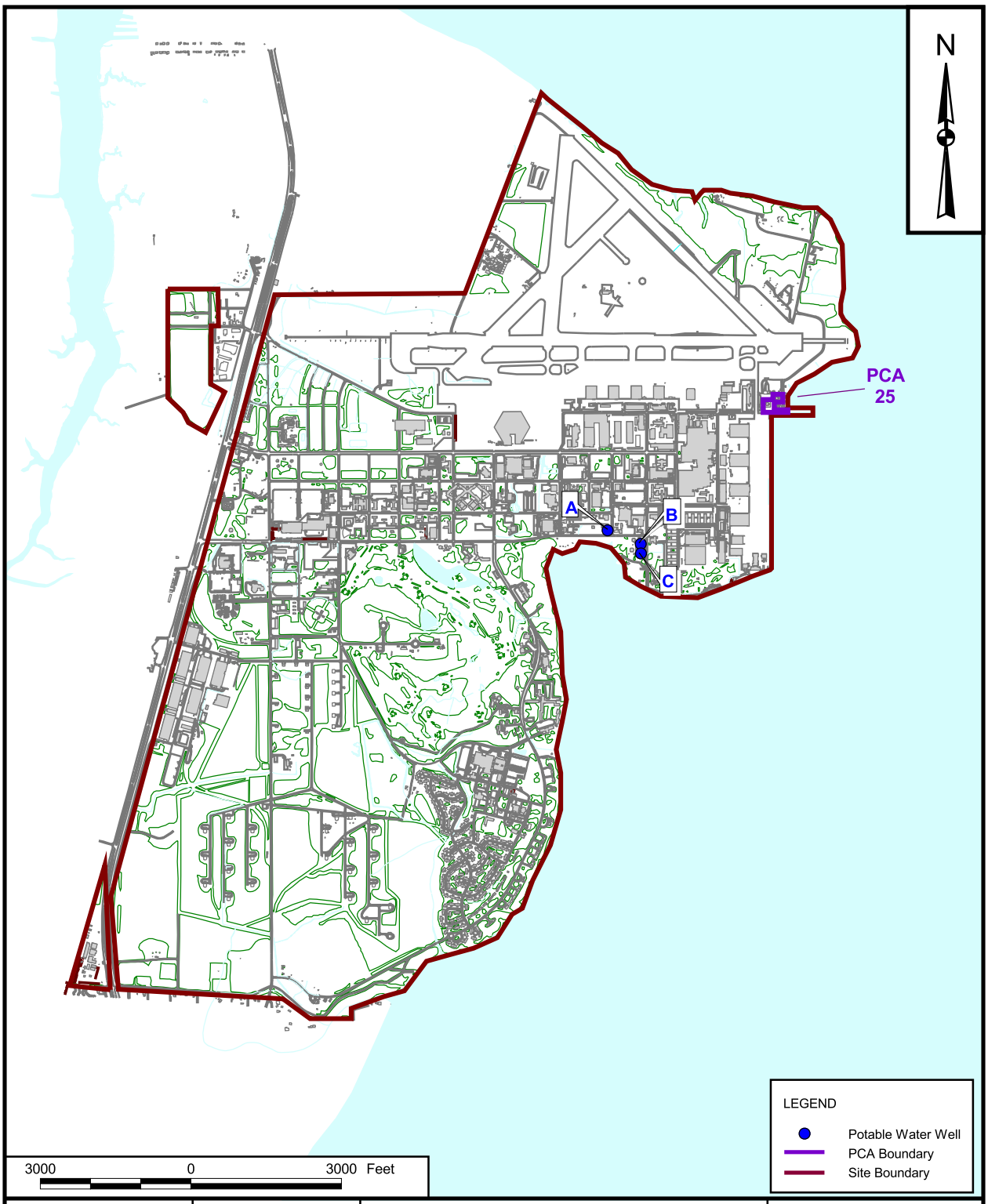
1.2 FACILITY AND SITE LOCATION

NAS Jacksonville is located in northeast Florida on the west bank of the St. Johns River, southwest of downtown Jacksonville, Florida as depicted on Figure 1-1. The facility is bounded by the St. Johns River to the east, a golf course (Timuquana Country Club) to the north, U.S. Highway 17 (Roosevelt Boulevard) to the west, and residential development to the south. PCA 25 is located at the end of Albermarle Avenue east of Taxiway Bravo Street as shown on Figures 1-1 and 1-2. The primary area of investigation is the fuel sump area located south of the former location of Tank 1982.

1.3 REGIONAL GEOLOGY AND HYDROGEOLOGY

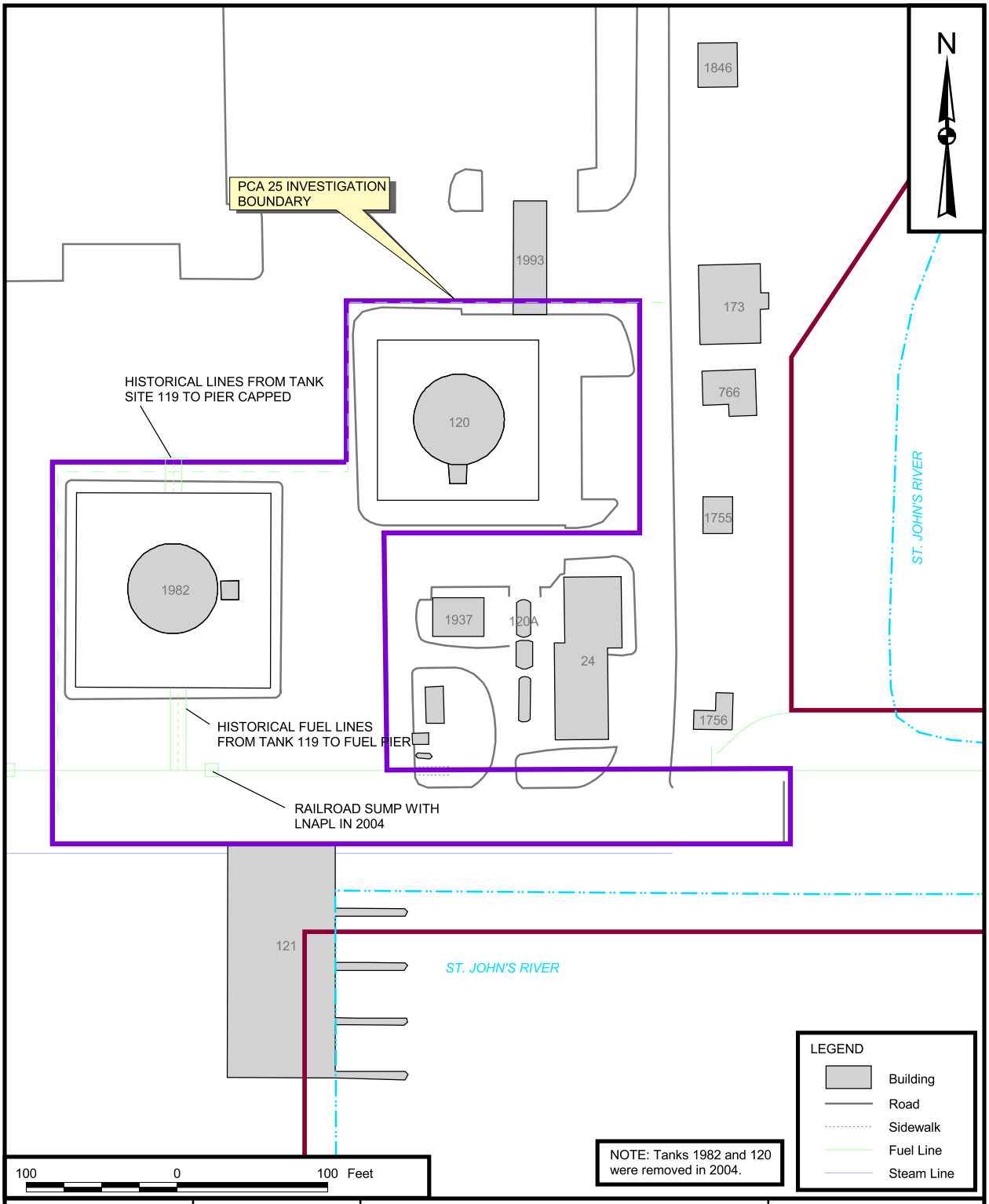
The geologic profile at NAS Jacksonville consists of unconsolidated surficial clastic deposits ranging from clean medium- to fine-grained sands to silty fine sands to sandy and silty clay (Fairchild, 1972) underlain by thick deposits of phosphatic sands and clays of the Hawthorn Group (Scott, 1988) and limestones and dolomites of the Floridan aquifer system (Leve, 1966).

The Hawthorn Group is significant at NAS Jacksonville because it contains as much as 200 feet of low permeability, silty, sandy clay (Scott, 1988). This low permeability unit acts as an aquiclude for the



DRAWN BY C. SPEHAR	DATE 3/13/06	SITE VICINITY MAP PCA 25 NAS JACKSONVILLE JACKSONVILE, FLORIDA	CONTRACT NUMBER 0132
CHECKED BY J. FOSTER	DATE 7/16/07		APPROVED BY — DATE —
COST/SCHEDULE-AREA			APPROVED BY — DATE —
SCALE AS NOTED			DRAWING NO. 1 - 1 / REV 0

P:\GIS\JACKSONVILLE_NAS\APR\PCA_25.APR SITE VICINITY LAYOUT 7/16/07 SS



DRAWN BY	DATE			CONTRACT NUMBER 0132
K. PEILA	6/24/05			
CHECKED BY	DATE	SITE PLAN PCA 25 NAS JACKSONVILLE JACKSONVILLE, FLORIDA	APPROVED BY —	DATE —
A. PATE	6/24/05		APPROVED BY —	DATE —
COST/SCHEDULE-AREA				
SCALE AS NOTED			DRAWING NO. 1 - 2	REV 0

P:\GIS\JACKSONVILLE_NAS\APR\PCA_25.APR PCA25_SITEPLAN 8/12/05 KMP

underlying Floridan aquifer system. The Floridan aquifer system is the major source of potable water in the Jacksonville area and throughout much of northeastern and central Florida.

Three aquifer systems are present in northeast Florida: the surficial aquifer, intermediate aquifer, and the Floridan aquifer system. The surficial aquifer consists of sediments of Late Miocene to Recent age. The sediments are highly variable and include sand, shelly sand, coquina, silt, clay, shell beds, and in some parts of Duval County, a basal limestone unit known as the Rock Aquifer. While the surficial aquifer is considered a single unit on a regional scale, localized clay layers or discontinuous lenses may divide the aquifer into distinct permable units (ABB-ES, 1995). It averages 50 to 70 feet in thickness, but in places, exceeds 100 feet thick. Average well yields in Jacksonville from the surficial aquifer were estimated by the City of Jacksonville Planning Department to be between 200 and 500 gallons per day (Toth, 1990).

The underlying Hawthorn Group of Miocene age is variably referred to as the “intermediate aquifer system” or “secondary artesian aquifer.” Although the Hawthorn acts collectively as a confining unit between the surficial aquifer and the underlying Floridan aquifer due to high clay content, an interlayered aggregate of discontinuous, water-bearing horizons of low- to moderate yield give it aquifer characteristics. The Hawthorn is encountered at an average depth of approximately 50 to 60 feet below land surface (bls) and its thickness is approximately 300 to 350 feet in the vicinity of NAS Jacksonville (Scott, 1988). The main body of sediments within the Hawthorn Group consists primarily of low-permeability gray, blue-green, and olive green clay, sandy clay, and sandy limestone with abundant phosphate granules and pebbles (Spechler, 1982).

The Floridan aquifer system underlies the Hawthorn Group. The top of the Floridan aquifer in the vicinity of NAS Jacksonville occurs at a depth of about 400 feet bls. Its average thickness in Duval County is 1500 feet (Leve, 1966). From top to bottom, the Floridan aquifer consists of the limestones of the Ocala Group (Crystal River, Williston, and Inglis Formations), the Avon Park Limestone, Lake City Limestone, and Oldsmar Limestone, all of Eocene age. The Floridan aquifer system is the principal source of fresh water in northeast Florida. The water bearing zones consist of soft, porous limestone and porous dolomite beds. Groundwater in the Floridan aquifer in the vicinity of NAS Jacksonville is moving eastward toward the St. Johns River basin.

1.4 POTABLE WATER WELL SURVEY

Potable water supply information presented in this report was obtained from the NAS Jacksonville Facilities and Environmental Department. Three public supply wells are present southwest of the study site, each of which is owned by the Navy Public Works Center (PWC). One of the three wells is approximately 4200 feet from the site on the northwest corner of the intersection of Birmingham Avenue

and Langley Street. The other two are located within the potable water plant complex, approximately 4000 feet southwest of the site, or approximately 700 feet southeast of the first well.

Well construction and use data are summarized in Table 1-1 and locations of the three wells are shown on Figure 1-1.

TABLE 1-1

POTABLE WATER WELL SURVEY
SITE ASSESSMENT REPORT, PCA 25 (UST SITE 119 FUEL TRANSFER SUMP)
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA

Well ID	Approximate Distance from Site (feet)	Casing Diameter (inches)	Depth of Well (feet bls)	Use
A	4200	12	1,215	Public Supply
B	4000	18	1,200	Public Supply
C	4000	18	1,200	Public Supply

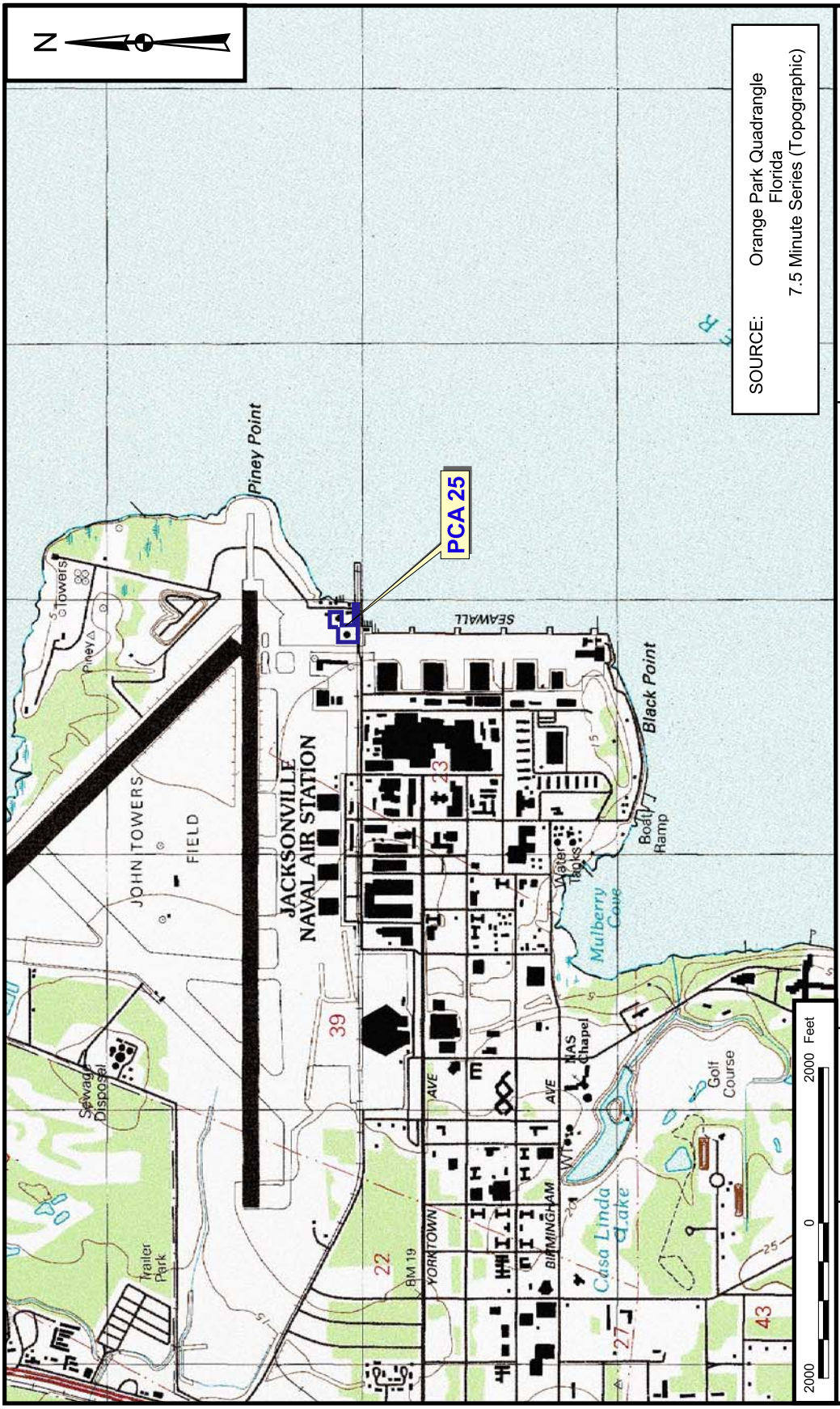
1.5 TOPOGRAPHY AND DRAINAGE

NAS Jacksonville is located in the Coastal Plain physiographic province. The Coastal Plain is composed of marine sediments deposited in terraces which originated due to prehistoric fluctuations in sea level. The terrace deposits are in the form of ridges that tend to parallel the current coastline. The terrace deposits are characterized by very low relief with gentle slopes to the east-southeast. Seven terraces are present in northeast Florida with NAS Jacksonville located within the Pamlico terrace.

The area comprising PCA 25 is virtually flat with a gentle slope to the south. Based on information provided on the United States Geological Survey (USGS) Orange Park, Florida 7.5-minute quadrangle (USGS, 1993), surface elevation at the site averages approximately 5 feet above msl (Figure 1-3).

1.6 LAND USE IN SITE VICINITY

The site is situated on the eastern boundary of NAS Jacksonville adjacent to the St. Johns River. PCA 25 is bounded to the south and east by the St. Johns River and to the west by Taxiway Bravo. Two approximate 420,000-gallon aboveground storage tanks, Tanks 120 and 1982, were formerly located at PCA 25 and used to store Bunker C fuel oil. From January to June of 2004, OHC Environmental Engineering, Inc. was contracted by the NAVFAC SE to supervise the demolition and removal of the tanks.



SOURCE: Orange Park Quadrangle
Florida
7.5 Minute Series (Topographic)

SITE LOCATION MAP
PCA 25
NAS JACKSONVILLE
JACKSONVILLE, FLORIDA

CONTRACT NUMBER	0132
APPROVED BY	—
DATE	—
APPROVED BY	—
DATE	—
DRAWING NO.	1 - 3
REV	0

DRAWN BY	K. PEILA
DATE	6/24/05
CHECKED BY	K. WIMBLE
DATE	12/15/06
COST/SCHEDULE-AREA	
SCALE	AS NOTED

NAVFAC

P:\GIS\JACKSONVILLE_NAS\APR\PCA_25.APR TOPOGRAPHIC MAP 12/15/06 SP

1.7 SITE DESCRIPTION

NAS Jacksonville is located in Jacksonville, Florida on the western bank of the St. Johns River. The base occupies approximately 3,896 acres. The site location for PCA 25 at NAS Jacksonville is presented on Figure 1-1.

PCA 25 is relatively flat with a slight general downgrade slope eastward toward the St. John's River. The Site is centered on a railroad sump, which was investigated and found to contain LNAPL during tank closure activities. The surface elevation in the area is approximately 5 feet above msl. Figure 1-2 provides the location of the former tanks, associated piping, and product lines.

1.8 SITE HISTORY AND OPERATIONS

PCA 25, located at the end of Albermarle Avenue east of Taxiway Bravo, contained two aboveground storage tanks (ASTs) at NAS Jacksonville. The locations of the ASTs are presented on Figure 1-2 along with the associated piping and product lines in the general area. The two tanks (Tank 120 and Tank 1982) contained Bunker C fuel at a capacity of 420,000 gallons each.

OHC Environmental Engineering, Inc. was contracted by NAVFAC SE to supervise, monitor, and assess the demolition and removal of Tanks 120 and 1982. Both tanks contained Bunker C fuel oil and were no longer in use. Details of the Tank Closure Assessment Report are provided in the following sections.

1.8.1 Waste Product Removal

Moran Environmental Recovery, LLC (MER) was the certified pollutant storage systems specialty contractor contracted to demolish and remove the tanks. MER pumped out approximately 3,500 gallons of waste Bunker C fuel from Tanks 120 and 1982 prior to pressure washing the tanks using diesel fuel, which generated an additional 500 gallons of diesel fuel sludge. The approximately 4,000 total gallons of waste Bunker C fuel and associated sludge product was removed and transported to Water Recovery, Inc. for proper treatment and disposal.

1.8.2 Tank Demolition and Removal

After the Bunker C fuel was removed and the tanks were adequately pressure washed, they were demolished by MER and disposed at Realco Wrecking, Inc. as scrap metal. Prior to demolition, all asbestos containing material was removed. Additionally, paint containing lead, cadmium, and arsenic was abated prior to the demolition of Tank 120. The tank containment berms were also demolished, and the concrete debris was removed for disposal/recycling at Realco Wrecking, Inc.

During the demolition of Tank 1982, three pipelines were discovered running under the former tank, which were later determined to be associated with Tank 119 and historically contained JP5 fuel. The pipes ran north and south through the center of the excavation area and had been severed when installing the concrete ring on which Tank 1982 rested. The pipes were capped at the limits of the excavation with mechanical type flanges. The remaining portions were removed and recycled after an asbestos containing material wrap was abated. The soil and groundwater sample collected for Tank 1982 was obtained immediately south of the former JP5 pipes, which was located in the center of the northern boundary of the excavation.

During the demolition of Tank 120, a pipe labeled as containing gas was discovered in the northeastern corner of the excavation pit. The pipe had been broken, and the interior of the pipe contained dirt. After removing the dirt, a small amount of oily water started to drip from the pipe. The pipe was then capped with a mechanical flange and left in place.

1.8.3 Piping Abandonment

Associated product lines were reportedly drained, flushed, capped, and abandoned in place. In March 2010, during the demolition of Bldg 24, many if not all of the product lines were removed. Organic vapor analysis (OVA) screening of soil gas was conducted at 5 to 6 feet bls along the abandoned piping, which identified the presence of contamination beneath 14 areas of the supply line. Thirteen of the borings that contained elevated soil gas levels were in the area south of Tank 120 and southeast of Tank 1982. The remaining soil boring that contained elevated soil gas readings was the last sample of the pipeline and located on the southeastern corner of the steam plant.

1.8.4 Contaminated Soil and Groundwater

Contaminated soil was encountered throughout the excavation during removal of Tank 120 as determined by visual indications (i.e., staining, sheen, etc.), odor, and laboratory results. Contaminated soil was not encountered during the excavation of Tank 1982 as confirmed by the soil laboratory analytical results.

Contaminated groundwater was not detected during the excavation of Tank 120 as confirmed by the laboratory analytical results. However, contaminated groundwater was detected in the northern center of the Tank 1982 excavation as confirmed by laboratory analytical results.

1.8.5 Summary of Tank Closure Activities

Two 420,000 gallon Bunker C fuel ASTs were cleaned, demolished, and removed from PCA 25. All Bunker C fuel and diesel fuel sludge generated by the cleaning process was pumped out and properly disposed at Water Recovery, Inc. in Jacksonville, Florida. The majority of associated product lines were drained, flushed, capped, and abandoned in place. The tanks and removed piping were transported to Realco Wrecking, Inc. for proper disposal/recycling. Additionally, two earthen/concrete containment bunkers were demolished and removed from around the tanks, with the concrete debris also transported to Realco Wrecking, Inc. Contaminated soil was encountered under Tank 120 as confirmed by laboratory analytical results. Contaminated soils, as identified through OVA readings, are located south of Tank 120 and southeast of Tank 1982. Contaminated groundwater was encountered under Tank 1982 as confirmed by laboratory analytical results. Soil boring data sheets, figures depicting sample locations, and an analytical results summary table are presented in Appendix A.

OHC Environmental Engineering, Inc. recommended a site assessment be conducted to determine the horizontal and vertical extent of contaminants that exceeded FDEP Soil Cleanup Target Levels and Groundwater Cleanup Target Levels (GCTLs).

During a site visit, Mark Peterson (Tetra Tech) and NAS Jacksonville base contact Frank Sigona observed bulk oil in a railroad sump located in the southern section of PCA 25. Tetra Tech and base personnel agreed that excess oil in the sump may be a direct result of former piping abandoned in-place from the former Tank Site 119. Due to this excess bulk oil being present in the sump, Tetra Tech and base personnel agreed to conduct further assessment activities (LNAPL investigation) to define the source, as well as the extent of soil and groundwater contamination for the site. The assessment will also include the railroad bed which advances toward the dock area.

1.9 PURPOSE OF CURRENT INVESTIGATION

The objective of the field investigation was to verify results of the site screening and delineate areas (if present) where hydrocarbon concentrations exceed action levels in soil and groundwater. The data collected during the investigation was used to prepare this SAR as required by Chapter 62-770.600, F.A.C. This SAR provides a characterization of site conditions from which to base future courses of action. A SAR summary sheet is provided as Appendix B. Quarterly groundwater monitoring was then conducted at the site to assess seasonal variability of the data, determine whether leachability of soil contaminants at the site was a concern, and determine the efficacy of monitored natural attenuation at the site as a viable remedy in accordance with FDEP Chapter 62-770, F.A.C.

2.0 SUBSURFACE INVESTIGATION METHODS

2.1 QUALITY ASSURANCE

The site investigation was conducted in accordance with the Standard Operating Procedures (SOPs) described by the FDEP SOPs DEP-SOP-001/01 and adopted by Tetra Tech.

2.2 SOIL QUALITY ASSESSMENT

2.2.1 Soil Borings

A total of 110 soil borings, JAX-PCA25-SB01 through JAX-PCA25-SB110 (SB-01 through SB-110), were advanced throughout PCA 25 from October 25, 2005 through August 30, 2006. The shallow borings were advanced to total depths not exceeding 5 feet bls, which is 1 foot into the saturated zone. Four borings (SB-08, SB-14, SB-17, and SB-23) were advanced to 25 feet bls to determine the site lithology. During the sampling conducted in October 2005, borings were excavated with a stainless steel, 3-inch, inside diameter (ID) hand-auger assembly to a depth of 4 feet bls and with a Geoprobe by direct-push technology (DPT) from 4 feet bls to total depth. During the remaining soil sampling events, samples were obtained using a stainless steel hand-auger assembly to total depth. The soil boring locations are shown on Figure 2-1. Lithologic descriptions of sediments encountered during the determination of site lithology (0 to 25 feet bls) are provided in Appendix C.

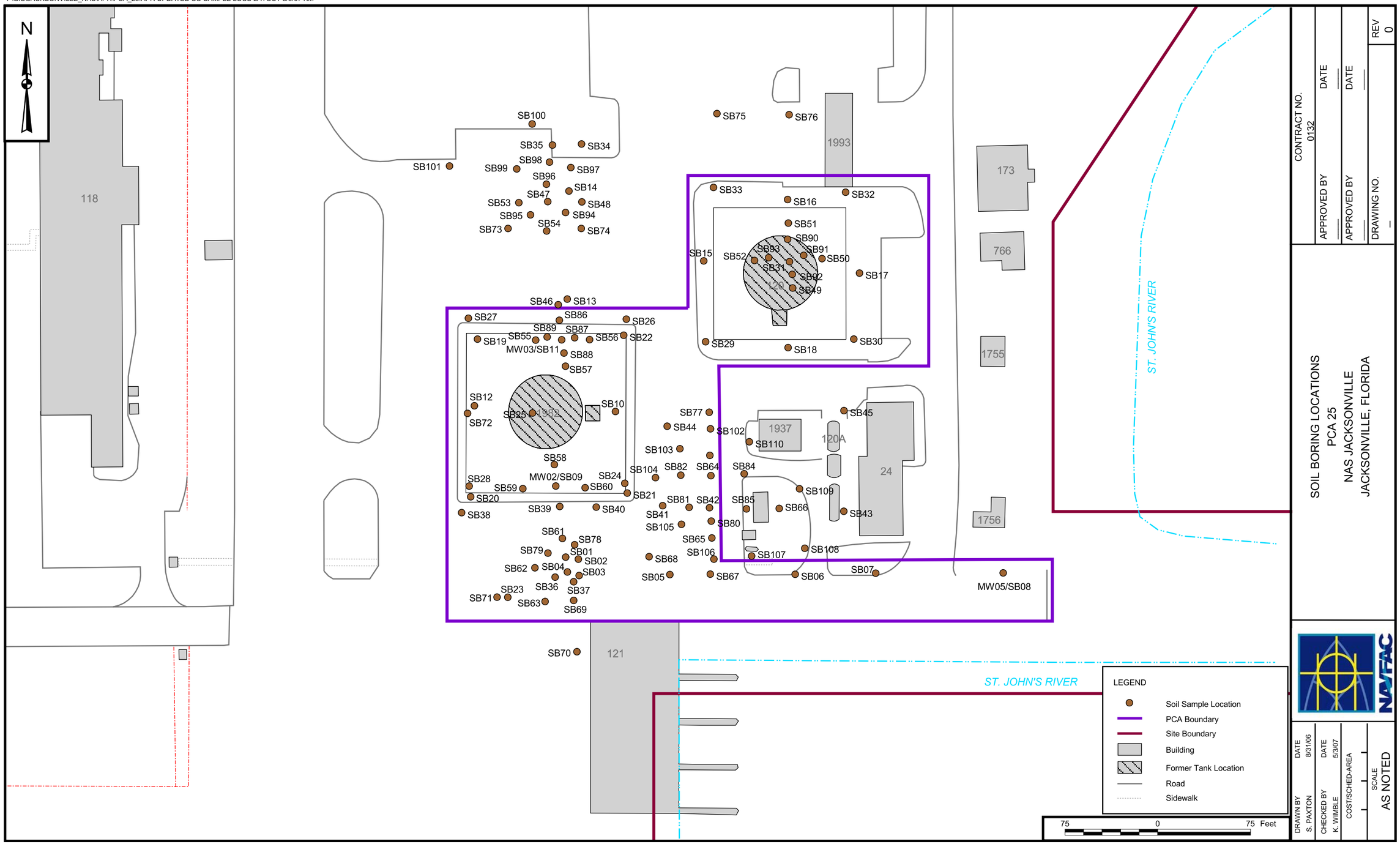
2.2.2 Field Screening Procedures

At the 110 boring locations, soil samples were collected at 2-foot depth intervals up to 5 feet bls and screened for organic vapor content using an OVA-flame ionization detector (FID). The water table was encountered at a depth of approximately 4 feet bls during screening, thus the samples collected from 4 feet bls and deeper were saturated. Soil vapor analyses were performed in accordance with the headspace screening method described in Chapter 62-770.200(2), F.A.C. Results of the soil vapor screening survey conducted at PCA 25 are discussed below in Section 3.2.

2.2.3 Fixed-Base Laboratory

Ninety two soil samples from 91 locations (JAX-PCA25-SB01, JAX-PCA25-SB02, JAX-PCA25-SB09, JAX-PCA25-SB11, JAX-PCA25-SB14, JAX-PCA25-SB17, JAX-PCA25-SB24 through JAX-PCA25-SB99, and JAX-PCA25-SB102 through JAX-PCA25-SB110) were submitted to a fixed-base laboratory, for Gasoline Analytical Group and Kerosene Analytical Group (GAG/KAG) analysis, which includes volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 8260,

P\GIS\JACKSONVILLE_NAS\APR\PCA_25.APR UPDATED SO SAMPLE LOCS LAYOUT 5/3/07 KM



CONTRACT NO. 0132
APPROVED BY ___ DATE ___
APPROVED BY ___ DATE ___
DRAWING NO. _
REV 0

SOIL BORING LOCATIONS
PCA 25
NAS JACKSONVILLE
JACKSONVILLE, FLORIDA

DRAWN BY S. PAXTON DATE 8/31/06
CHECKED BY K. WIMBLE DATE 5/3/07
COST/SCHED-AREA
SCALE AS NOTED

Polynuclear Aromatic Hydrocarbons (PAHs) by USEPA Method 8310, and Total Recoverable Petroleum Hydrocarbons (TRPH) by the Florida Residual Petroleum Organics Method (FL-PRO). Selection of soil samples submitted for fixed-base laboratory analysis was based on field screening results.

2.3 GROUNDWATER ASSESSMENT METHODS

2.3.1 Permanent Monitoring Well Installation

During the week of November 15, 2005, permanent shallow monitoring wells [JAX-PCA25-MW01 (MW-01), MW02, MW03, and MW05] and one permanent intermediate monitoring well (MW04) were installed by Miller Drilling, Inc. (Miller), under Tetra Tech supervision. Shallow well MW01 was installed in the approximate location of SB01; MW02 was installed in the approximate location of SB09; MW03 was installed in the approximate location of SB11; MW04 was installed in the approximate location of SB11; and MW05 was installed in the approximate location of SB08.

2.3.1.1 Borehole Advancement

A posthole digger was used to excavate the borehole from ground surface to a depth of 4 feet bls to verify absence of subsurface utilities. From that point (4 feet bls) to total depth, the borehole was advanced using 4 ¼-inch ID hollow stem augers attached to a truck-mounted drill rig. Soil cuttings from SB-08, SB-14, SB-17, and SB-23 were reserved and examined during borehole advancement to characterize site lithology. Soil Boring Logs are included in Appendix C.

2.3.1.2 Well Construction and Development

The boreholes for shallow monitoring wells (MW01, MW02, MW03, MW05, and MW14) were advanced to a total depth of approximately 13 feet bls. The intermediate well (MW04) was advanced to a total depth of approximately 23 feet bls. The monitoring wells constructed of a 2-inch diameter, 10-feet long, 0.010-inch mill slotted Schedule 40 polyvinyl chloride (PVC) screen attached to a 3-foot section of solid riser (flush threaded) were inserted through the hollow stem augers after attaining total depth. Graded 20/30-silica sand was poured from the surface between the PVC well and hollow stem augers as the augers were being removed from the borehole to create a filter pack in the annular space between borehole and monitoring well. The filter pack was poured into the annular space to a depth approximately 18 inches above the top of the screen (i.e., 1.5 feet bls), and was capped by 6 inches of 30/65 fine sand. The remaining annular space from the top of the fine sand seal to within 6 inches of ground surface was filled with Type I Portland cement grout. The well was completed at the surface with an 8-inch diameter steel manhole equipped with boltdown cover. Manholes were secured in place with concrete pads 2-feet

square and 6 inches thick. A locking, expansible gasket cap was inserted at the top of the PVC casing after well installation. A diagram showing a typical monitoring well design is provided as Figure 2-2.
The day after completion, the wells were developed by a Tetra Tech representative using a peristaltic pump. The wells were developed until field measurements became stable and purge water virtually clear. Water quality stabilization was determined using the following criteria: temperature ±5 degrees Celsius (°C), pH ±0.1 unit, and specific conductance ±10 micro-ohms per centimeter. All development water was containerized for disposal in 55-gallon steel drums. Well completion logs and monitoring well development records for MW01 through MW05 and MW14 are provided as Appendix D.

2.3.2 Permanent Monitoring Well Samples

Tetra Tech personnel collected groundwater samples from JAX25-MW01 through JAX25-MW05, JAX-25-MW07, JAX25-MW09, JAX25-MW11, JAX25-MW12, and JAX25-MW13 on December 6 and 7, 2005. Samples for monitoring wells JAX25-MW14 and JAX25-MW15 were collected on April 25, 2006, after the installation of JAX25-MW14. Samples were collected in accordance with the procedures described in the FDEP SOPs in effect at the time of sampling. Sampling activities were documented in a site-specific field logbook.

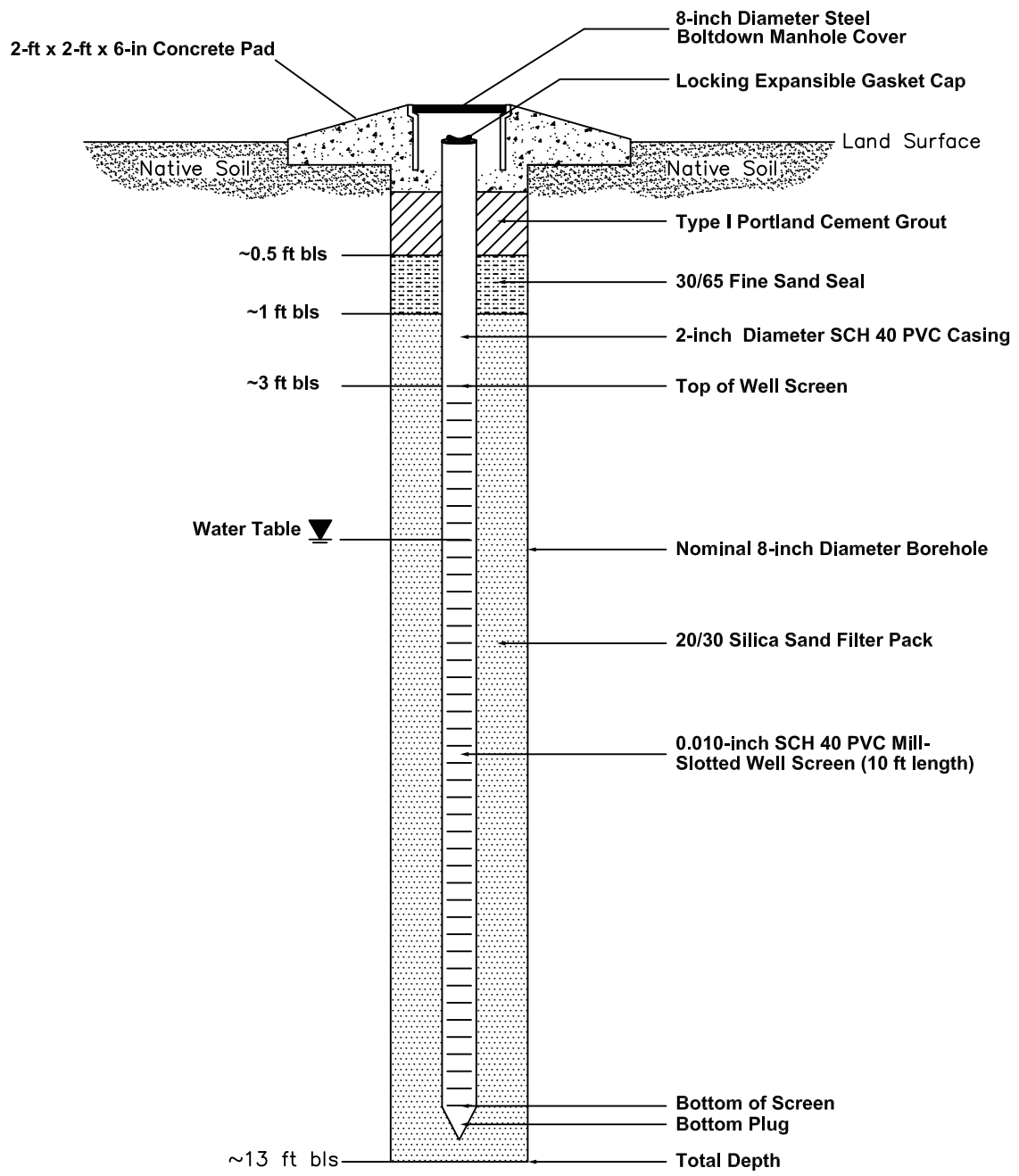
Prior to sampling, a minimum of three well volumes of groundwater were removed from the well using a peristaltic pump and the low flow quiescent purging method. During purging, field parameters pH, specific conductance, turbidity, dissolved oxygen, temperature, and oxidation-reduction potential were measured periodically using a Horiba U-22 instrument. Groundwater-sampling logs compiled during purging and sampling of the monitoring wells are provided in Appendix C.

After collection, samples were immediately placed on ice and delivered by Tetra Tech personnel under proper chain-of-custody protocol to Environmental Conservation Laboratories, Inc. (ENCO) for analysis for the parameters included in the GAG and KAG in accordance with Table B of Chapter 62-770, F.A.C.

2.3.3 Quarterly Groundwater Monitoring

Tetra Tech personnel collected quarterly groundwater samples from select monitoring wells from July 2007 to November 2008. Samples were collected from JAX25-MW01 through JAX25-MW05, JAX-25-MW07, JAX25-MW09, and JAX25-MW11 through JAX25-MW15 on July 5 and 6, 2007. Samples were collected from JAX25-MW01 through JAX25-MW05, JAX-25-MW07, JAX25-MW09, JAX25-MW11 through JAX25-MW15, JAX25-MW16I, JAX25-TF-MW03, JAX25-TF-MW04, and JAX25-TF-MW11 on May 13 to 16, 2008. Samples were collected from JAX25-MW01 through JAX25-MW04, JAX-25-MW07,

NASJAX\CTO003\PCA25 SAR\Figures\MW Construction



DRAWN BY JCF DATE 7/12/07	NAVFAC	TYPICAL MONITORING WELL DESIGN SITE ASSESSMENT REPORT PCA 25 NAVAL AIR STATION JACKSONVILLE JACKSONVILLE, FLORIDA	CONTRACT NO. 00132
CHECKED BY DATE			APPROVED BY DATE
COST/SCHED-AREA			APPROVED BY DATE
SCALE NOT TO SCALE			DRAWING NO. FIGURE 2-2 REV. 1

JAX25-MW09, JAX25-MW11 through JAX25-MW15, JAX25-MW16I, JAX25-TF-MW03, JAX25-TF-MW11, and JAX25-TF-MW48 on August 12 and 13, 2008. Samples were collected from JAX25-MW03, JAX25-MW09, JAX25-MW16I, and JAX25-TF-MW11 on November 12, 2008

Samples were collected in accordance with the procedures described in the FDEP SOPs in effect at the time of sampling. Sampling activities were documented in a site-specific field logbook. Prior to sampling, a minimum of three well volumes of groundwater were removed from the well using a peristaltic pump and the low flow quiescent purging method. During purging, field parameters pH, specific conductance, turbidity, dissolved oxygen, temperature, and oxidation-reduction potential were measured periodically using a Horiba U-22 instrument. Groundwater-sampling logs compiled during purging and sampling of the monitoring wells are provided in Appendix C.

After collection, samples were immediately placed on ice and delivered by Tetra Tech personnel under proper chain-of-custody protocol to Columbia Analytical Services, Inc. for analysis for the parameters included in the GAG and KAG in accordance with Table B of Chapter 62-770, F.A.C.

3.0 RESULTS OF INVESTIGATION

3.1 SITE GEOLOGY AND HYDROGEOLOGY

3.1.1 Lithology

As indicated on the Boring Logs for SB-08, SB-14, SB-17, and SB-23 presented in Appendix C, the study area is underlain by 10 feet to 18 feet of fine sand, then with a layer of clayey sand beneath the fine sand, then a layer of clay was encountered approximately 23 feet bls. A figure depicting the site lithology is provided as Figure 3-1.

3.1.2 Groundwater Occurrence

Based on information obtained during this SA and on information from previous investigations (OHC, 2004 and Tetra Tech, 2002), depth-to-water at the site can vary from 4 feet bls to 6 feet bls. Groundwater flow direction (potentiometric) maps were generated from data collected by Tetra Tech personnel in December 2005 and July 2007. Data were recorded during occurrences of both high tide and low tide in July 2007. Groundwater elevation data was also collected in quarterly monitoring events in May, August, and November of 2008. Groundwater data collected during these events showed a similar trend to previously collected data. Groundwater elevations and monitoring well construction details are presented in Table 3-1. The groundwater potentiometric maps are included as Figures 3-2, 3-3, and 3-4. Groundwater flow was observed to be to the south-southeast during all events.

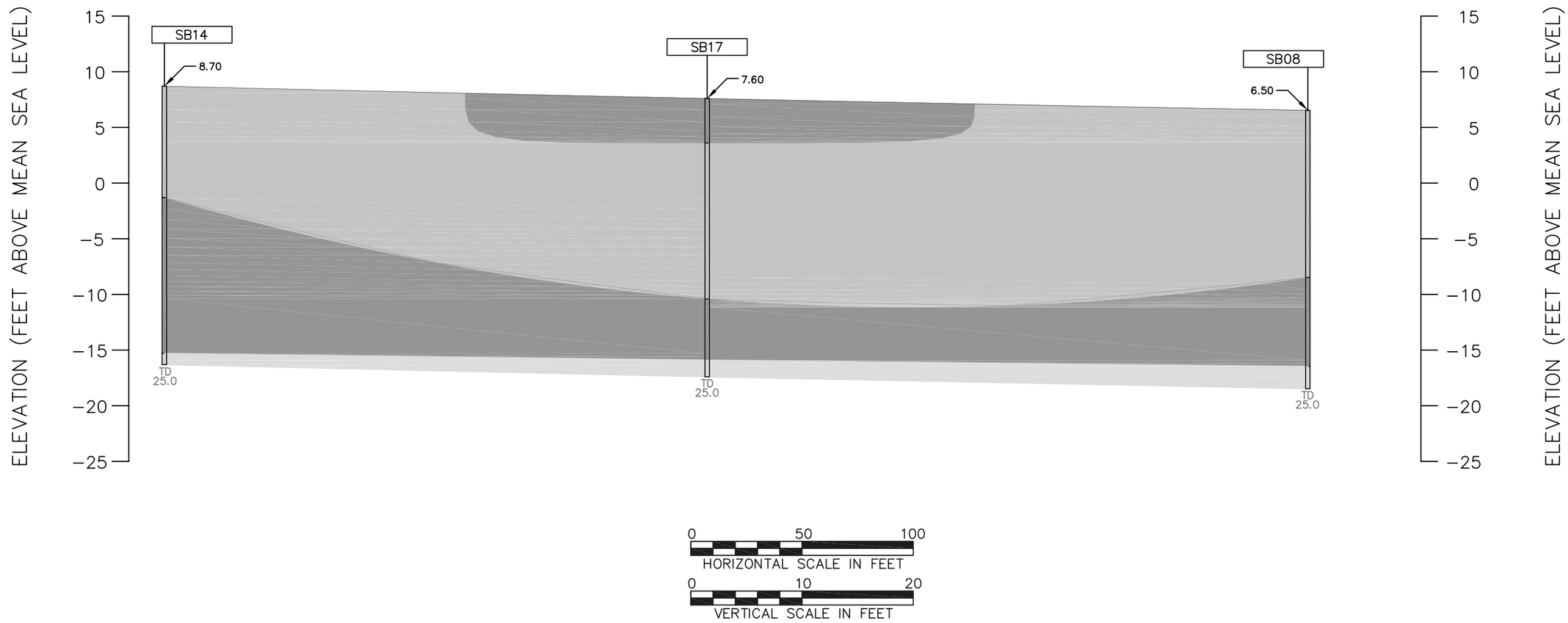
3.1.3 Aquifer Classification and Characteristics

The surficial aquifer underlying NAS Jacksonville is classified as a G-II aquifer by the State of Florida (Chapter 62-520.410, F.A.C.). On the day groundwater samples were collected for fixed-base laboratory analysis (December 7, 2005), the depth to water in the monitoring wells sampled varied from 4.12 feet bls at MW05 to 5.68 feet bls in MW-01.

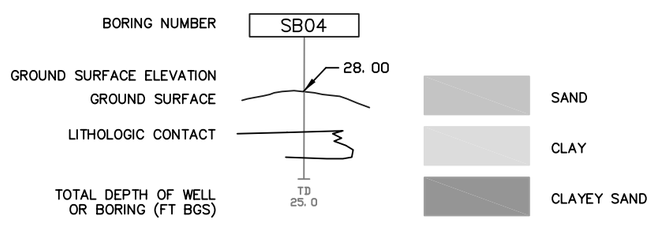
Lithologic data and available literature from environmental investigations conducted at nearby sites [e.g., the Old Gas Station (UST 14), Hangar 1000, and Operable Unit (OU) 3] indicate the effective porosity of the soils comprising the surficial aquifer is approximately 0.25 (Driscoll, 1986).

Hydrogeologic data provided by the USGS was referenced from OU 3 investigations. Aquifer data from OU 3 indicates the surficial aquifer is composed of distinct upper and intermediate layers. The upper layer, appropriate for the current study, extends from land surface to a depth of approximately 25 feet. The horizontal hydraulic conductivity at the Old Gas Station (UST 14) is approximately 5 feet per

NAS JAX\CTO 003\PCA25 SAR\Figures\Lithology2



LEGEND:



DRAWN BY JF DATE 6/25/07	SITE LITHOLOGY PCA 25 NAS JACKSONVILLE JACKSONVILLE, FLORIDA	CONTRACT NO. 0123	
CHECKED BY DATE		OWNER NO.	
REVISED BY DATE		APPROVED BY DATE	
SCALE AS NOTED		DRAWING NO. FIGURE 3–1	REV. 0

FORM CADD NO. SDIV-BH.DWG - REV 2 - 6/19/06

TABLE 3-1

GROUNDWATER ELEVATION AND MONITORING WELL CONSTRUCTION DATA
SITE ASSESSMENT REPORT
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA

Monitoring Well Identification	Total Well Depth (feet bls)	Screened Interval (feet bls)	TOC Elevation (feet above msl)*	December 2, 2005		December 7, 2005		January 23, 2007		July 5, 2007		July 6, 2007	
				Depth to Water (feet btoc)	Water Level Elevation (feet msl)	Depth to Water (feet btoc)	Water Level Elevation (feet msl)	Depth to Water (feet btoc)	Water Level Elevation (feet msl)	Depth to Water (feet btoc)	Water Level Elevation (feet msl)	Depth to Water (feet btoc)	Water Level Elevation (feet msl)
JAX-PCA25-MW01	12.65	2.65 to 12.65	7.41	5.62	1.79	5.68	1.73	5.76	1.65	5.22	2.19	5.53	1.88
JAX-PCA25-MW02	12.7	2.70 to 12.70	7.54	4.71	2.83	4.81	2.73	4.88	2.66	4.52	3.02	4.56	2.98
JAX-PCA25-MW03	12.7	2.70 to 12.70	8.74	4.98	3.76	5.11	3.63	5.19	3.55	4.88	3.86	4.90	3.84
JAX-PCA25-MW04	22.6	12.6 to 22.6	8.66	5.54	3.12	5.65	3.01	5.73	2.93	5.43	3.23	5.34	3.32
JAX-PCA25-MW05	12.71	2.71 to 12.71	6.49	3.93	2.56	4.12	2.37	4.14	2.35	3.74	2.75	3.56	2.93
JAX-PCA25-MW07	10.45	0.45 to 10.45	6.93	4.23	2.70	4.41		4.59	2.34	4.13	2.80	4.17	2.76
JAX-PCA25-MW09	11.0	1.0 to 11.0	7.13	4.14	2.99	4.28		6.44	0.69	3.91	3.22	4.25	2.88
JAX-PCA25-MW11	10.45	0.45 to 10.45	7.36	4.81	2.55	4.91		5.01	2.35	4.68	2.68	4.68	2.68
JAX-PCA25-MW12	11.40	1.40 to 11.40	7.65	4.27	3.38	4.38		6.51	1.14	4.22	3.43	4.24	3.41
JAX-PCA25-MW13	12.30	2.30 to 12.30	8.40	4.30	4.10	4.35		4.46	3.94	4.26	4.14	4.27	4.13
JAX-PCA25-MW14	12.40	2.40 to 12.40	7.70	4.32	3.38	4.85		4.48	3.22			4.41	3.29
JAX-PCA25-MW15	10.0	0.00 to 10.00	8.00	5.48	2.52	4.81	3.19	4.51	3.49			4.18	3.82

Monitoring Well Identification	Total Well Depth (feet bls)	Screened Interval (feet bls)	TOC Elevation (feet above msl)*	May 16, 2008		August 13, 2008		November 12, 2008	
				Depth to Water (feet btoc)	Water Level Elevation (feet msl)	Depth to Water (feet btoc)	Water Level Elevation (feet msl)	Depth to Water (feet btoc)	Water Level Elevation (feet msl)
JAX-PCA25-MW01	12.65	2.65 to 12.65	7.41	5.66	1.75	5.03	2.38	5.44	1.97
JAX-PCA25-MW02	12.7	2.70 to 12.70	7.54	4.82	2.72	3.51	4.03	4.43	3.11
JAX-PCA25-MW03	12.7	2.70 to 12.70	8.74	5.27	3.47	3.51	5.23	4.78	3.96
JAX-PCA25-MW04	22.6	12.6 to 22.6	8.66	5.73	2.93	4.15	4.51	5.29	3.37
JAX-PCA25-MW05	12.71	2.71 to 12.71	6.49	4.45	2.04		6.49	3.82	2.67
JAX-PCA25-MW07	10.45	0.45 to 10.45	6.93	4.72	2.21	3.11	3.82	3.97	2.96
JAX-PCA25-MW09	11.0	1.0 to 11.0	7.13	4.47	2.66	3.04	4.09	3.96	3.17
JAX-PCA25-MW11	10.45	0.45 to 10.45	7.36	4.98	2.38	3.69	3.67	4.56	2.80
JAX-PCA25-MW12	11.40	1.40 to 11.40	7.65	4.60	3.05	3.09	4.56	4.02	3.63
JAX-PCA25-MW13	12.30	2.30 to 12.30	8.40	4.58	3.82	2.77	5.63	4.12	4.28
JAX-PCA25-MW14	12.40	2.40 to 12.40	7.70	4.85	2.85	3.44	4.26	4.39	3.31
JAX-PCA25-MW15	10.0	0.00 to 10.00	8.00	5.40	2.60	3.81	4.19	4.90	3.10

Notes:

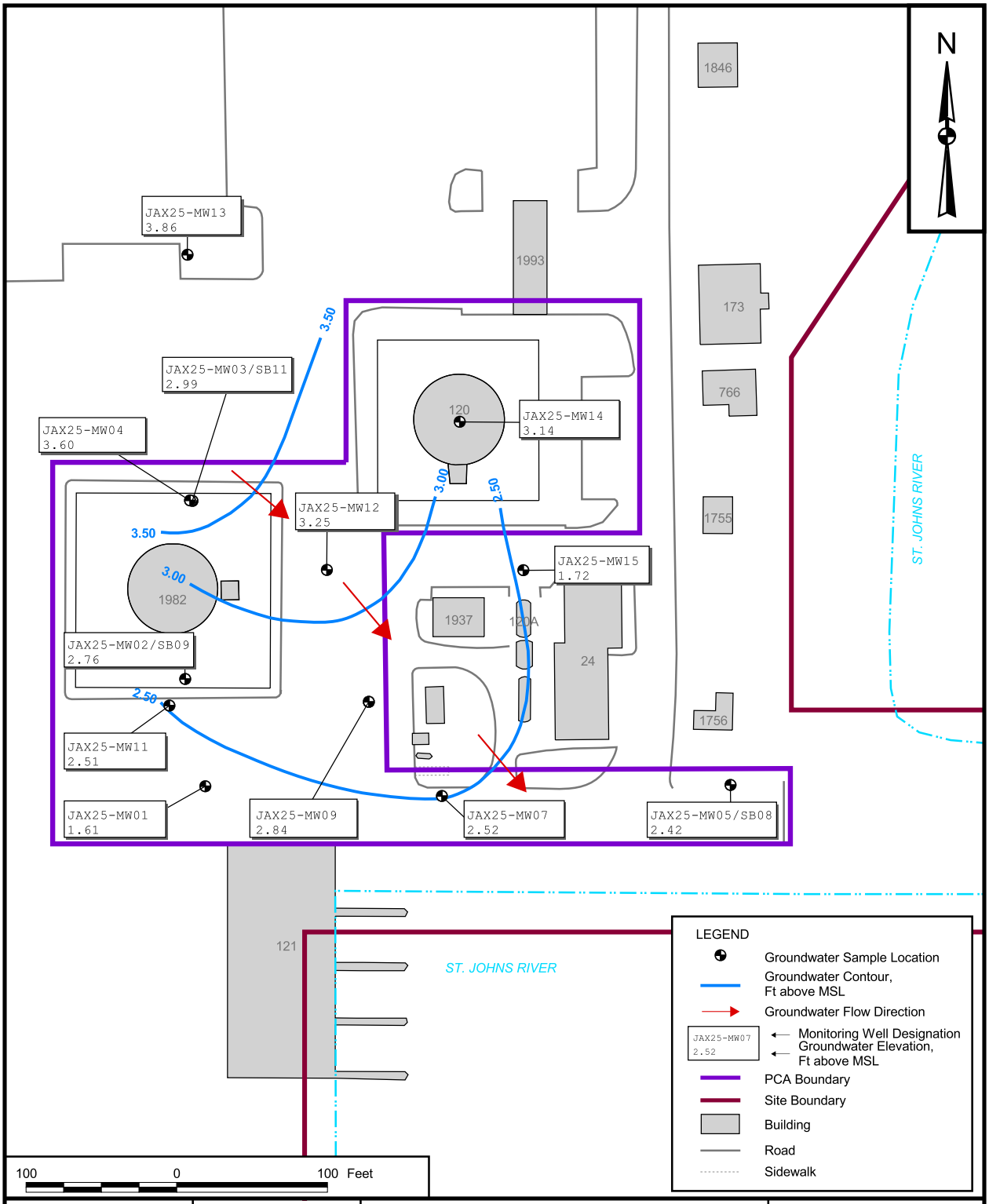
* Top-of-casing elevations for monitoring wells 01 through 15 were surveyed by ARC Surveying, Inc. on January 23, 2007.

bls = below ground surface

btoc = below top of casing

msl = mean sea level

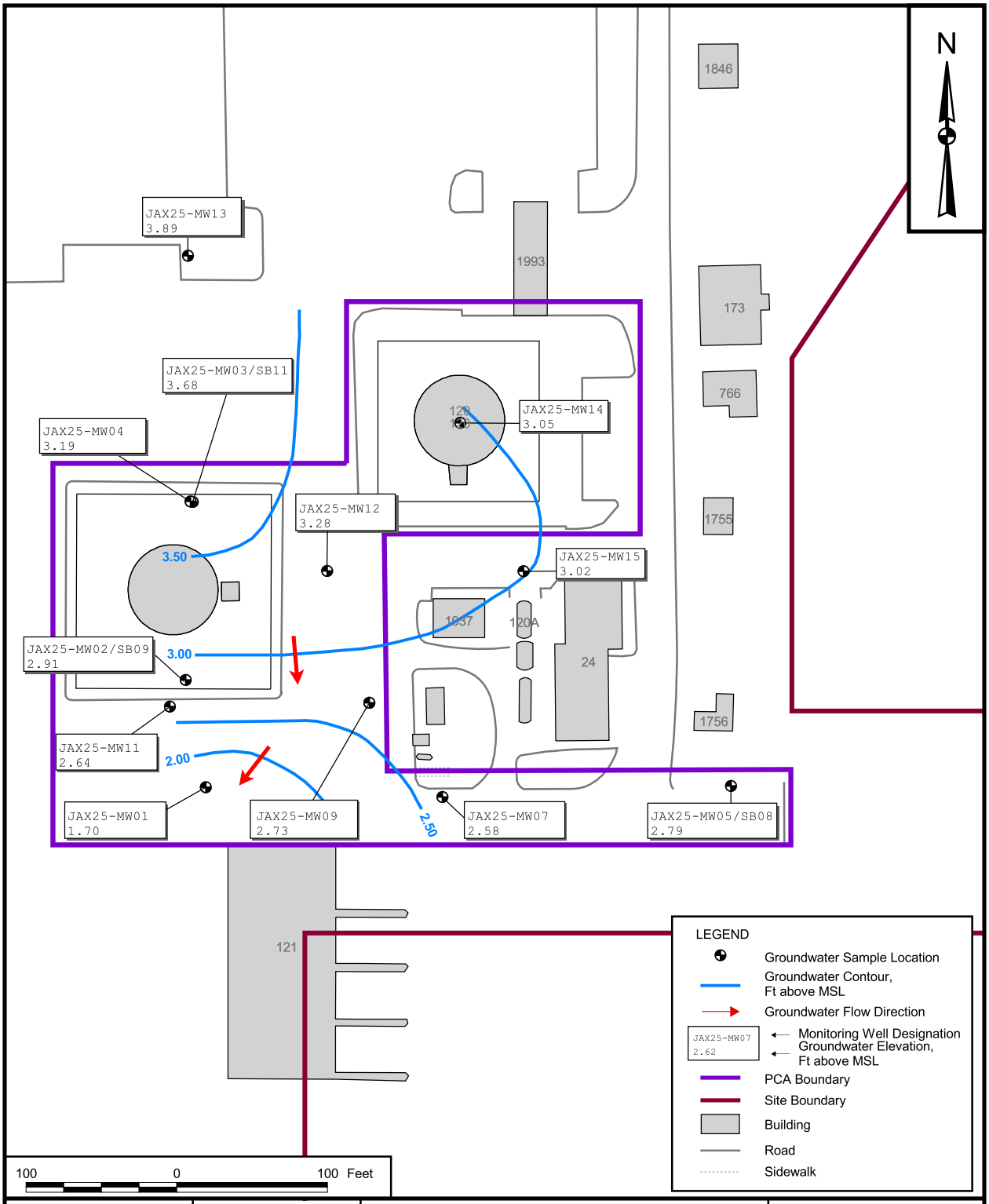
< = less than



DRAWN BY	DATE			CONTRACT NUMBER
S. PAXTON	6/27/07			CTO 0252
CHECKED BY	DATE			APPROVED BY / DATE
J. FOSTER	6/27/07			— / —
COST/SCHEDULE-AREA				APPROVED BY / DATE
				— / —
SCALE				DRAWING NO. / REV
AS NOTED				3 - 2 / 0

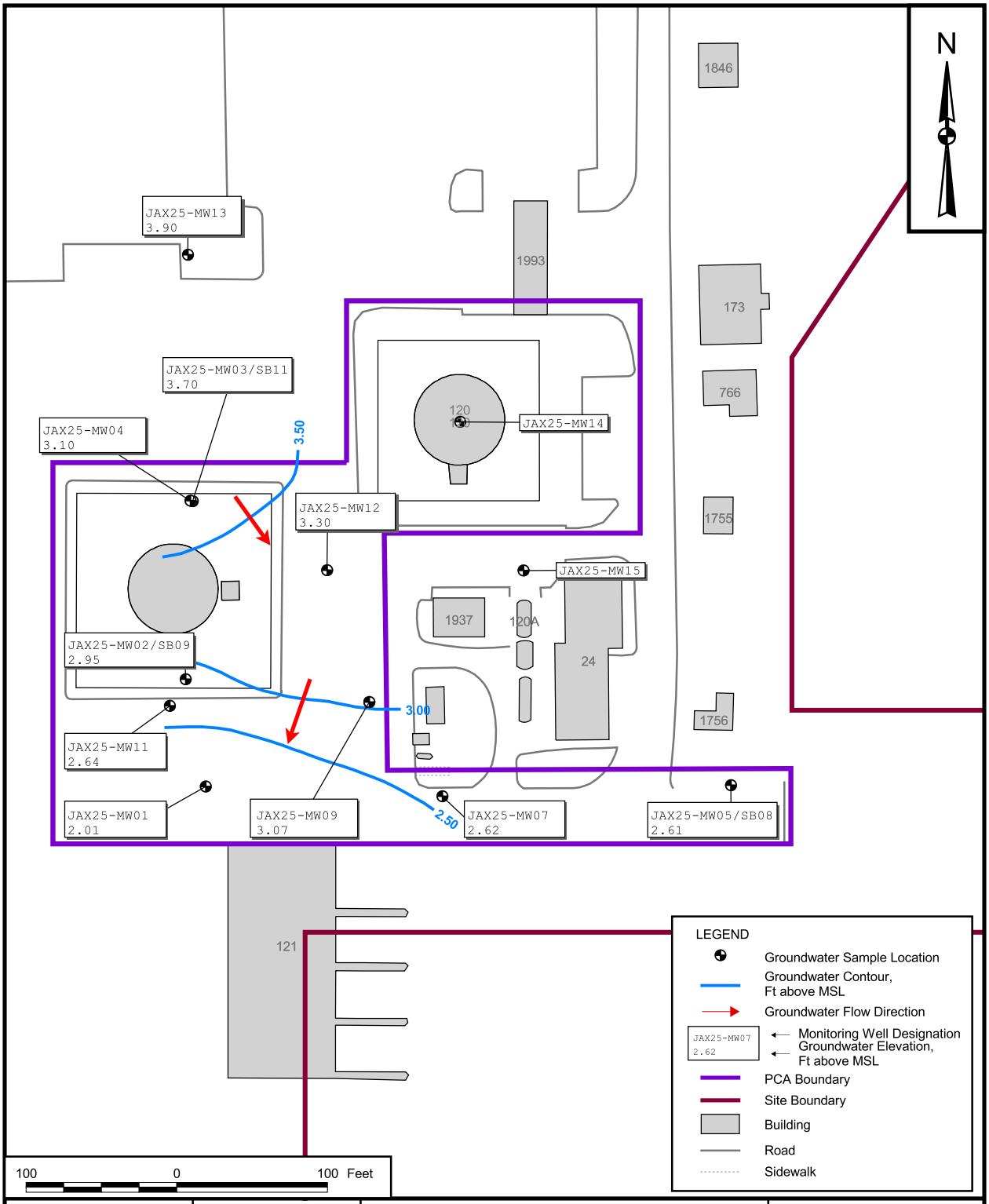
GROUNDWATER FLOW MAP (DECEMBER 2005)
PCA 25
NAS JACKSONVILLE
JACKSONVILLE, FLORIDA

P:\GIS\JACKSONVILLE_NAS\APR\PCA_25.APR DECEMBER 2005 POTENTIOMETRIC SURFACE LAYOUT 6/27/07 SP



DRAWN BY	DATE			CONTRACT NUMBER
J. ENGLISH	7/10/07		GROUNDWATER FLOW MAP, LOW TIDE (JULY 2007)	CTO 0252
CHECKED BY	DATE		PCA 25	APPROVED BY / DATE
J. FOSTER	7/10/07		NAS JACKSONVILLE	APPROVED BY / DATE
COST/SCHEDULE-AREA			JACKSONVILLE, FLORIDA	DRAWING NO. / REV 0
SCALE AS NOTED		NAVFAC		

P:\GIS\JACKSONVILLE_NAS\APR\PCA_25.APR GW FLOW LOW TIDE JULY 2007 LAYOUT 7/10/07 JEE



DRAWN BY	DATE			CONTRACT NUMBER
J. ENGLISH	7/10/07		GROUNDWATER FLOW MAP, HIGH TIDE (JULY 2007)	CTO 0252
CHECKED BY	DATE		PCA 25	APPROVED BY / DATE
J. FOSTER	7/10/07		NAS JACKSONVILLE	APPROVED BY / DATE
COST/SCHEDULE-AREA			JACKSONVILLE, FLORIDA	DRAWING NO. / REV
SCALE				0
AS NOTED				

P:\GIS\JACKSONVILLE_NAS\APR\PCA_25.APR GW FLOW HIGH TIDE JULY 2007 LAYOUT 7/10/07 JEE

day (ft/day). Horizontal hydraulic conductivities in this upper layer determined from aquifer tests conducted at OU 3, located approximately 600 feet southwest of PCA 25, range from 0.19 to 3.8 ft/day (Davis, Planert, and Andrews, 1996).

The groundwater flow gradient was determined at PCA 25 using groundwater elevation data obtained from two conventional shallow monitoring wells and the following equation:

$$I = \frac{h_1 - h_2}{d}$$ where:

I = hydraulic gradient

h_1 = water table elevation at upgradient monitoring well

h_2 = water table elevation at point downgradient monitoring well

d = surface distance between the two monitoring wells

Potential movement of groundwater may be described in terms of transportation by natural flow in the saturated zone while assuming groundwater flow follows Darcy's Law. Darcy's Law may be expressed as:

$$V = \frac{(K \times I)}{n}$$ where:

V = average seepage velocity

K = hydraulic conductivity

n = effective porosity

I = average hydraulic gradient

Using these equations, the groundwater flow gradient at PCA 25 was calculated at 0.0035 feet per foot (ft/ft) and the groundwater flow velocity at 19.4 ft per year (ft/year).

3.2 SOIL SCREENING RESULTS

Soil vapor screening methods and sampling locations for headspace analyses are discussed previously in Section 2.2.2. Results of the soil vapor survey are shown on Table 3-2 and Figure 3-5.

As indicated on Table 3-2, net organic vapor readings exceeding 50 parts-per-million (ppm) were measured from 1 to 5 feet bls. The highest net value (10,326.8 ppm) was recorded on sample SB-96 at 1 foot bls. Samples collected from borings SB-01, SB-06, SB-14, SB-17, SB-40 through SB-42, SB-47, SB-53, SB-54, SB-64 through SB-66, SB-68, SB-69, SB-71, SB-73, SB-76, SB-77, SB-80, SB-81, SB-85, SB-94 through SB-99, and SB-105 produced readings exceeding 50 ppm, whereas readings with detections of organic vapors not exceeding 50 ppm were measured on samples SB-002, SB-31, SB-46,

TABLE 3-2

SOIL VAPOR HEADSPACE MEASUREMENTS
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA

Soil Boring Number (JAX-PCA25)	Date of Measurement	Sample Depth (feet bls)	Headspace Readings (ppm)		
			Unfiltered Reading	Carbon Filtered Reading	Net Reading
SB-01	10/25/2005	1	0	0	0
		3	19.4	0	19.4
		5	217.3	60.6	156.7
SB-02	10/25/2005	1	0	0	0
		3	0	0	0
		5	52.2	17	35.2
SB-03	10/25/2005	1	0	0	0
		3	0	0	0
		5	0	0	0
SB-04	10/25/2005	1	0	0	0
		3	0	0	0
		5	0	0	0
SB-05	10/26/2005	1	0	0	0
		3	0	0	0
SB-06	10/26/2005	1	51.5	0	51.5
		3	0	0	0
SB-07	10/26/2005	1	0	0	0
		3	0	0	0
SB-08	10/26/2005	1	0	0	0
		3	0	0	0
SB-09	10/25/2005	1	0	0	0
		3	0	0	0
SB-10	10/25/2005	1	0	0	0
		3	0	0	0
SB-11	10/26/2005	1	0	0	0
		3	0	0	0
SB-12	10/26/2005	1	0	0	0
		3	0	0	0
SB-13	10/26/2005	1	0	0	0
		3	0	0	0
SB-14	10/26/2005	1	214.1	4.1	210
		3	3326	55	3271
SB-15	10/26/2005	1	0	0	0
		3	0	0	0
SB-16	10/26/2005	1	0	0	0
		3	0	0	0
SB-17	10/26/2005	1	0	0	0
		3	164.4	32.2	132.2
SB-18	10/26/2005	1	0	0	0
		3	0	0	0
SB-19	10/26/2005	1	FID NS	FID NS	FID NS
		3	FID NS	FID NS	FID NS
SB-20	10/26/2005	1	FID NS	FID NS	FID NS
		3	FID NS	FID NS	FID NS
SB-21	10/27/2005	1	0	0	0
		3	0	0	0
SB-22	10/27/2005	1	0	0	0
		3	0	0	0
SB-23	10/27/2005	1	0	0	0
		3	0	0	0

TABLE 3-2

SOIL VAPOR HEADSPACE MEASUREMENTS
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA

Soil Boring Number (JAX-PCA25)	Date of Measurement	Sample Depth (feet bls)	Headspace Readings (ppm)		
			Unfiltered Reading	Carbon Filtered Reading	Net Reading
SB-24	1/16/2006	1	0	0	0
		3	0	0	0
SB-25	1/16/2006	1	0	0	0
		3	0	0	0
		4.5	0	0	0
SB-26	1/16/2006	1	0	0	0
		3	0	0	0
SB-27	1/16/2006	1	0	0	0
		3	0	0	0
SB-28	1/16/2006	1	0	0	0
		3	0	0	0
SB-29	1/16/2006	1	0	0	0
		3	0	0	0
SB-30	1/16/2006	1	0	0	0
		3	0	0	0
SB-31	1/16/2006	1	0	0	0
		3	35	0	35
SB-32	1/16/2006	1	0	0	0
		3	0	0	0
SB-33	1/16/2006	1	0	0	0
		3	0	0	0
SB-34	1/16/2006	1	0	0	0
		3	0	0	0
SB-35	1/16/2006	1	0	0	0
		3	0	0	0
SB-36	1/17/2006	1	0	0	0
		3	0	0	0
SB-37	1/17/2006	1	0	0	0
		3	0	0	0
SB-38	1/17/2006	1	0	0	0
		3	0	0	0
SB-39	1/17/2006	1	0	0	0
		3	0	0	0
SB-40	1/17/2006	1	0	0	0
		3	127	--	127
SB-41	1/17/2006	1	1151	--	1151
		3	45	--	45
SB-42	1/17/2006	1	1916	--	1916
		3	2073	--	2073
SB-43	1/17/2006	1	0	0	0
		3	0	0	0
SB-44	1/17/2006	1	0	0	0
		3	0	0	0
SB-45	1/17/2006	1	0	0	0
		3	0	0	0
SB-46	1/17/2006	1	0	0	0
		3	30.5	--	30.5
SB-47	1/17/2006	1	236	--	236
		3	2595	--	2595
SB-48	1/17/2006	1	0	0	0
		3	14	--	14

TABLE 3-2

SOIL VAPOR HEADSPACE MEASUREMENTS
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA

Soil Boring Number (JAX-PCA25)	Date of Measurement	Sample Depth (feet bls)	Headspace Readings (ppm)		
			Unfiltered Reading	Carbon Filtered Reading	Net Reading
SB-49	4/24/2006	1	0	0	0
		3	0	0	0
SB-50	4/24/2006	1	0	0	0
		3	0	0	0
SB-51	4/24/2006	1	0	0	0
		3	0	0	0
SB-52	4/24/2006	1	0	0	0
		3	7.4	--	7.4
SB-53	4/24/2006	1	12.2	--	12.2
		3	214.5	--	214.5
SB-54	4/24/2006	1	13	--	13
		3	505	--	505
SB-55	4/24/2006	1	0	0	0
		3	0	0	0
SB-56	4/24/2006	1	0	0	0
		3	0	0	0
SB-57	4/24/2006	1	0	0	0
		3	0	0	0
SB-58	4/24/2006	1	0	0	0
		3	0	0	0
SB-59	4/24/2006	1	0	0	0
		3	0	0	0
SB-60	4/24/2006	1	0	0	0
		3	0	0	0
SB-61	4/24/2006	1	0	0	0
		3	0	0	0
SB-62	4/24/2006	1	0	0	0
		3	0	0	0
SB-63	4/24/2006	1	0	0	0
		3	0	0	0
SB-64	4/24/2006	1	1195	--	1195
		3	2487	--	2487
SB-65	4/24/2006	1	987	--	981
		3	1242	--	1242
SB-66	8/30/2006	1	0	0	0
		3	0	0	0
		5	83.1	17.9	65.2
SB-67	8/30/2006	1	0	0	0
		3	0	0	0
		5	28.2	1.3	26.9
SB-68	8/30/2006	1	0	0	0
		3	884.6	426.2	458.4
		5	1207	880.2	326.8
SB-69	8/30/2006	1	0	0	0
		3	1.4	0	1.4
		5	111.6	14.1	97.5
SB-70	8/29/2006	1	NS	NS	NS
		3	NS	NS	NS
		5	NS	NS	NS

TABLE 3-2

SOIL VAPOR HEADSPACE MEASUREMENTS
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA

Soil Boring Number (JAX-PCA25)	Date of Measurement	Sample Depth (feet bls)	Headspace Readings (ppm)		
			Unfiltered Reading	Carbon Filtered Reading	Net Reading
SB-71	8/30/2006	1	0	0	0
		3	8.6	0	8.6
		5	152.1	30.2	121.9
SB-72	8/30/2006	1	0	0	0
		3	0	0	0
		5	31.2	3.1	28.1
SB-73	8/29/2006	1	826.2	7	819.2
		3	33.8	2.8	31
		5	1831	694.6	1136.4
SB-74	8/29/2006	1	3.7	0	3.7
		3	1.4	0.7	0.7
		5	1794	683.3	1110.7
SB-75	8/29/2006	1	0	0	0
		3	40.6	10.2	30.4
		5	28	4.3	23.7
SB-76	8/29/2006	1	0	0	0
		3	2.1	0	2.1
		5	141.2	38.2	103
SB-77	8/30/2006	1	36	18.4	17.6
		3	78.8	27.2	51.6
		5	139.2	56.4	82.8
SB-78	3/28/2007	2	0	0	0
SB-79	3/28/2007	1	0	0	0
SB-80	3/29/2007	1	481	72	409
		3	772	104	668
SB-81	3/28/2007	1	280	12	268
		3	286	7	279
SB-82	3/28/2007	1	0	0	0
		3	0	0	0
SB-83	3/28/2007	1	0	0	0
		3	0	0	0
SB-84	3/28/2007	1	0	0	0
		3	0	0	0
SB-85	3/28/2007	1	22	0	22
		3	515	29	486
SB-86	3/28/2007	1	0	0	0
		3	0	0	0
SB-87	3/28/2007	1	0	0	0
		3	0	0	0
SB-88	3/28/2007	1	0	0	0
		3	0	0	0
SB-89	3/28/2007	1	0	0	0
		3	0	0	0
SB-90	3/28/2007	1	0	0	0
		3	2.5	0	2.5
SB-91	3/28/2007	1	0	0	0
		3	0	0	0
SB-92	3/28/2007	1	0	0	0
		3	0	0	0

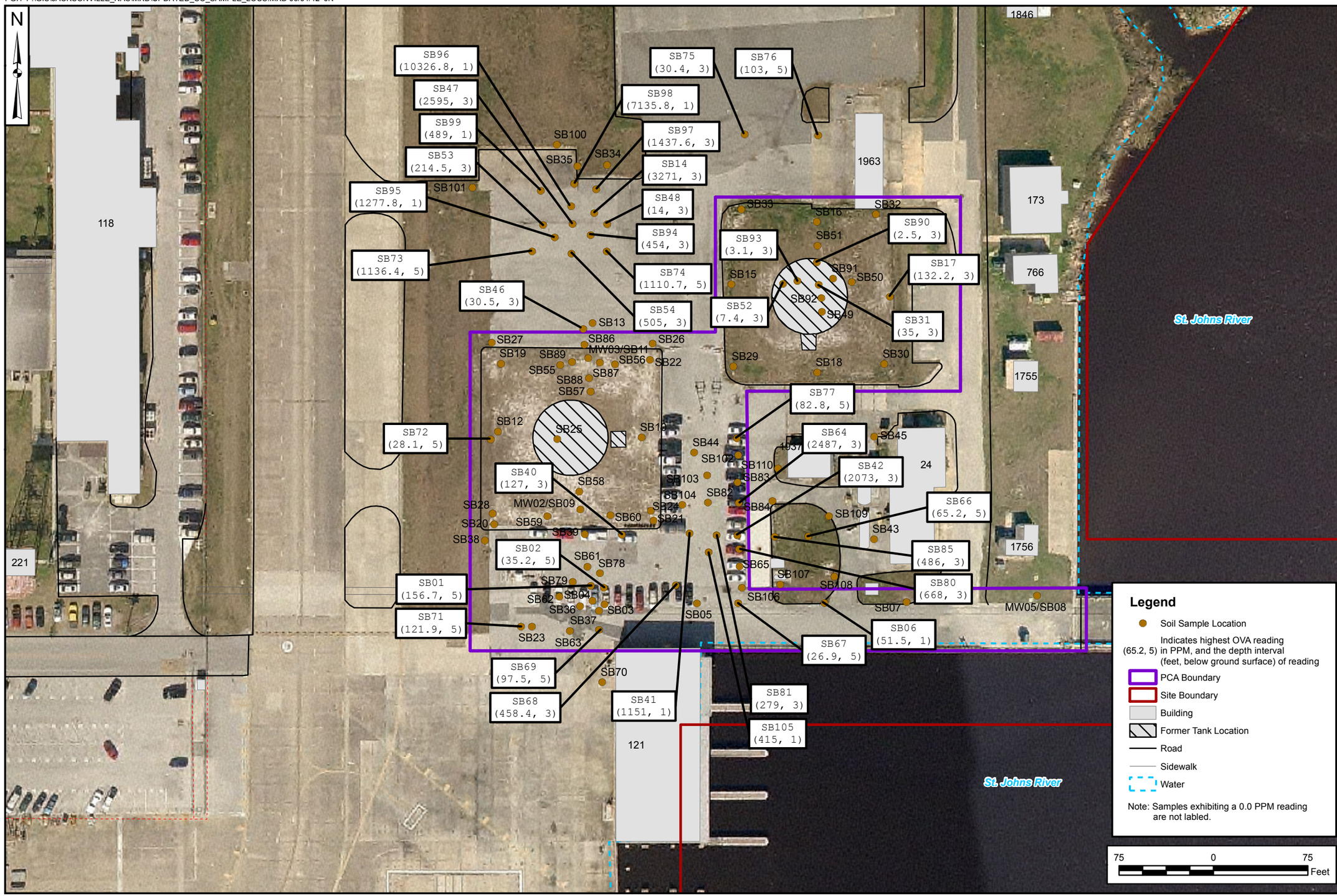
TABLE 3-2

SOIL VAPOR HEADSPACE MEASUREMENTS
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA

Soil Boring Number (JAX-PCA25)	Date of Measurement	Sample Depth (feet bls)	Headspace Readings (ppm)		
			Unfiltered Reading	Carbon Filtered Reading	Net Reading
SB-93	3/28/2007	1	0	0	0
		3	3.1	0	3.1
SB-94	3/28/2007	1	454	12	442
		3	462	8	454
SB-95	3/28/2007	1	1280	2.2	1277.8
		3	672	0.8	671.2
SB-96	3/28/2007	1	10336	9.2	10326.8
		3	10142	46	10096
SB-97	3/28/2007	1	861	3.1	857.9
		3	1441	3.4	1437.6
SB-98	3/28/2007	1	7138	2.2	7135.8
		3	Refusal		
SB-99	3/28/2007	1	489	0	489
		3	405	1.1	403.9
SB-100	3/28/2007	3	0	0	0
SB-101	3/28/2007	3	0	0	0
SB-102	3/28/2007	1	0	0	0
		3	0	0	0
SB-103	3/28/2007	1	0	0	0
		3	0	0	0
SB-104	3/29/2007	1	0	0	0
		3	0	0	0
SB-105	3/29/2007	1	423	8	415
		3	150	4	146
SB-106	3/29/2007	1	0	0	0
		3	0	0	0
SB-107	3/29/2007	1	0	0	0
		3	0	0	0
SB-108	3/29/2007	1	0	0	0
		3	0	0	0
SB-109	3/29/2007	1	0	0	0
		3	0	0	0
SB-110	3/29/2007	1	0	0	0
		3	0	0	0

Notes:
FID = Flame Ionization Detector
NS = not sampled
bls = below land surface
ppm = parts-per-million

PGH P:\GIS\JACKSONVILLE_NAS\MXD\UPDATED_SO_SAMPLE_LOCS.MXD 09/04/12 JN



CTO NUMBER 0132
CONTRACT NUMBER
APPROVED BY
DATE
APPROVED BY
DATE
FIGURE NO. 3-5
REV 0

OVA HEADSPACE MEASUREMENTS
PCA 25
NAS JACKSONVILLE
JACKSONVILLE, FLORIDA

NAVFAC

DRAWN BY S. PAXTON	DATE 08/31/06	
CHECKED BY D. HARDISON	DATE 09/04/12	
REVISED BY J. NOVAK	DATE 09/04/12	
SCALE AS NOTED		

SB-48, SB-52, SB-67, SB-72, SB-75, SB-78, SB-79, SB-82 through SB-84, SB-86 through SB-93, SB-100 through SB-104, and SB-106 through SB-110.

3.3 SOIL SAMPLE ANALYTICAL RESULTS

3.3.1 Fixed-Base Laboratory

Ninety two soil samples (JAX-PCA25-SB01 (SB01), SB02, SB09, SB11, SB14, SB17, SB24 through SB99, and SB102 through SB110) were submitted for fixed base laboratory analysis. The basis for selection of soil samples submitted for fixed-base laboratory analysis was based on field screening results.

Twenty of the samples submitted for laboratory analysis (SB01, SB09, SB11, SB14, SB31. SB36, SB41, SB42, SB47, SB63 through SB66, SB69, SB80, SB85, SB96 through SB98, and SB105) produced concentrations of petroleum constituents greater than their respective FDEP SCTLs. Petroleum constituents detected in excess of their SCTLs included TRPH, the VOCs benzene, chlorobenzene, ethylbenzene, and methylene chloride, and the semivolatile organics 1-methylnaphthalene, 2-methylnaphthalene, acenaphthalene, benzo(a)pyrene equivalents, and naphthalene. Six of the soil samples collected had concentrations in excess of three times (3x) the industrial FDEP SCTLs. Three of the soil samples collected were in excess of three times (3x) the industrial FDEP SCTLs for benzo(a)pyrene equivalents (0.7 mg/kg) including: JAX25-SB01 at 10.186 mg/kg, JAX25-SB31 at 2.224 mg/kg, and JAX25-SB96 at 2.11 mg/kg. Four of the soil samples collected were in excess of three times (3x) the industrial FDEP SCTLs for TRPH (2,700 mg/kg) including: JAX25-SB01 at 8,400 mg/kg, JAX25-SB31 at 15,300 mg/kg, JAX25-SB64 at 14,500 mg/kg and JAX25-SB85 at 12,000 mg/kg. The soil fixed-base analytical results are presented in Table 3-3 and Figure 3-6. Laboratory analytical reports from the October 2005, January 2006, April 2006, August 2006, and March 2007 soil sampling events are included in Appendix E.

3.4 GROUNDWATER ANALYTICAL RESULTS

3.4.1 Initial Groundwater Investigation

No analyzed constituents were reported at concentrations exceeding GCTLs in samples collected from the permanent monitoring wells installed and sampled during this assessment, except in the sample collected from JAX-PCA25-MW09 on December 7, 2005. 1-methylnaphthalene and 2-methylnaphthalene were detected at 60 micrograms per liter (µg/L) and 40 µg/L, respectively, exceeding their respective GCTLs of 28 µg/L. The groundwater analytical results are included as Table 3-4. The locations of the

monitoring wells and constituent concentrations reported in groundwater samples collected from the site wells are illustrated in Figure 3-7. A laboratory report prepared by ENCO is provided as Appendix F.

3.4.2 Quarterly Groundwater Monitoring

Quarterly groundwater monitoring was conducted between July 2007 and November 2008. Lead was detected at 29 µg/L in July 2007 and 20 µg/L in May 2008, exceeding the FDEP GCTL of 15 µg/L, in JAX25-MW03. There were no exceedances of FDEP GCTLs at JAX25-MW03 in the August 2008 or November 2008 sampling. Benzo(a)anthracene was detected at 0.052 µg/L in August 2008, exceeding the FDEP GCTL of 0.05 µg/L in JAX25-MW15. JAX25-MW15 had no exceedances in July 2007 and May 2008, and was not sampled in November 2008. In May 2008, 1-methylnaphthalene and 2-methylnaphthalene were detected at 56 µg/L and 57 µg/L, respectively, exceeding their respective GCTLs of 28 µg/L in JAX25-MW09. Benzene was detected at 1.2 µg/L in August 2008, exceeding the FDEP GCTL of 1 µg/L in JAX25-MW09. There were no exceedances of FDEP GCTLs at JAX25-MW09 in November of 2008. Benzo(b)fluoranthene was detected at 0.054 µg/L in May 2008, exceeding the FDEP GCTL of 0.05 µg/L in JAX25-MW16I. Vinyl chloride was detected at 1.4 µg/L in May 2008, exceeding the FDEP GCTL of 1 µg/L in JAX25-MW16I. There were no exceedances of FDEP GCTLs at JAX25-MW16I in August and November of 2008. Vinyl chloride was also detected in excess of the FDEP GCTL in JAX25-TF-MW11 at 3.4 µg/L in May 2008, at 6.1 µg/L in August 2008, and at 3.8 µg/L in November 2008. The vinyl chloride concentrations detected in JAX25-TF-MW11 also exceeded the FDEP Marine Surface Water (MSW) cleanup target level (CTL) of 2.4 µg/L. The groundwater analytical results are included in Table 3-4. The locations of the monitoring wells and constituent concentrations reported in groundwater samples collected from the site wells are illustrated in Figure 3-8. All groundwater laboratory reports are provided in Appendix F.

TABLE 3-3

SOIL ANALYTICAL RESULTS
SITE ASSESSMENT REPORT
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 1 OF 16

LOCATION	SCTLs			JAX25-SB01	JAX25-SB01	JAX25-SB02	JAX25-MW02/SB09	JAX25-MW03/SB11
SAMPLE ID				JAX-PCA25-SB01-S03	JAX-PCA25-SB01-S05	JAX-PCA25-SB02-S05	JAX-PCA25-SB09-S03	JAX-PCA25-SB11-S03
TOP DEPTH				2	4	4	2	2
BOTTOM DEPTH	Direct Exposure	Direct Exposure	Leachability based	3	5	5	3	3
SAMPLE DATE	Residential Soil	Industrial Soil	on Groundwater	10/26/2005	10/26/2005	10/26/2005	10/26/2005	10/26/2005
Volatile Organics (mg/kg)								
BENZENE	1.2	1.7	0.007	0.0008 U	0.0009 U	0.0007 U	0.001 U	0.001 U
CHLOROBENZENE	120	650	1.3					
ETHYLBENZENE	1500	9200	0.6	0.0007 U	0.0008 U	0.0006 U	0.001 U	0.001 U
M+P-XYLENES	NC	NC	NC	0.001 U	0.001 U	0.001 U	0.002 U	0.002 U
M-XYLENE	NC	NC	NC					
METHYLENE CHLORIDE	17	26	0.02					
O-XYLENE	NC	NC	NC	0.0006 U	0.0007 U	0.0005 U	0.0008 U	0.0008 U
TOLUENE	7500	60000	0.5	0.0008 U	0.0009 U	0.0007 U	0.001 U	0.001 U
TOTAL XYLENES	130	700	0.2	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Semivolatile Organics (mg/kg)								
1-METHYLNAPHTHALENE	200	1800	3.1	0.012 U	2.5 U	0.1	0.011 U	0.013 U
2-METHYLNAPHTHALENE	210	2100	8.5	0.0007 U	0.14 U	0.017 J	0.0006 U	0.007 J
ACENAPHTHENE	2400	20000	2.1	0.0009 U	3.6 J [L]	0.003 J	0.004 J	0.026
ACENAPHTHYLENE	1800	20000	27	0.0006 U	0.0006 U	0.0007 U	0.002 J	0.0007 U
ANTHRACENE	21000	300000	2500	0.001 U	8.3	0.001 J	0.021 J	0.13
BENZO(A)ANTHRACENE	NC	NC	0.8	0.012 J	20 [L]	0.012 J	0.16	1.7 [L]
BENZO(A)PYRENE	0.1	0.7	8	0.0009 U	6.1 [R] [I]	0.046	0.14 [R]	0.77 [R] [I]
BENZO(B)FLUORANTHENE	NC	NC	2.4	0.002 U	15 [L]	0.002 U	0.28	1.7
BENZO(G,H,I)PERYLENE	2500	52000	32000	0.002 U	0.42 U	0.002 U	0.099	0.17
BENZO(K)FLUORANTHENE	NC	NC	24	0.002 U	3.9 J	0.002 U	0.064	0.44
CHRYSENE	NC	NC	77	0.002 J	6.8	0.002 J	0.065	0.75
DIBENZO(A,H)ANTHRACENE	NC	NC	0.7	0.002 U	0.49 U	0.002 U	0.002 U	0.05
FLUORANTHENE	3200	59000	1200	0.008 J	30	0.013 J	0.12	1.2
FLUORENE	2600	33000	160	0.0008 U	0.0008 J	0.0008 U	0.0009 J	0.023 J
INDENO(1,2,3-CD)PYRENE	NC	NC	6.6	0.002 U	0.5 U	0.002 U	0.12	0.19
NAPHTHALENE	55	300	1.2	0.001 U	0.034	0.002 J	0.001 U	0.001 U
PHENANTHRENE	2200	36000	250	0.006 J	13	0.006 J	0.058	0.41
PYRENE	2400	45000	880	0.002 J	21	0.008 J	0.098	1.5
Petroleum Hydrocarbons (mg/kg)								
TOTAL PETROLEUM HYDROCARBONS	460	2700	340	31 U	8400 [R] [I] [L]	32 U	22 U	77
Miscellaneous Parameters (%)								
PERCENT SOLIDS	NC	NC	NC	81	81	79	91	79

Notes:
FDEP = Florida Department of Environmental Protection
[R] = exceedance of Residential SCTL
[I] = exceedance of Industrial SCTL
[L] = exceedance of Leachability SCTL
J = Estimated Value
U = Analyte was below method detection limit
mg/kg = milligrams per kilogram

TABLE 3-3

SOIL ANALYTICAL RESULTS
SITE ASSESSMENT REPORT
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 2 OF 16

LOCATION	SCTLs			JAX25-SB14	JAX25-SB17	JAX25-SB24	JAX25-SB25	JAX25-SB26
SAMPLE ID				JAX-PCA25-SB14-S03	JAX-PCA25-SB17-S03	JAX-PCA25-SB24-S03	JAX-PCA25-SB25-S03	JAX-PCA25-SB26-S03
TOP DEPTH				2	2	2	2	2
BOTTOM DEPTH	Direct Exposure	Direct Exposure	Leachability based	3	3	3	3	3
SAMPLE DATE	Residential Soil	Industrial Soil	on Groundwater	10/26/2005	10/26/2005	1/16/2006	1/16/2006	1/16/2006
Volatile Organics (mg/kg)								
BENZENE	1.2	1.7	0.007	0.0009 U	0.0009 U	0.00111 U	0.00104 U	0.00123 U
CHLOROBENZENE	120	650	1.3			0.00111 U	0.00104 U	0.00123 U
ETHYLBENZENE	1500	9200	0.6	0.0009 U	0.0009 U	0.00111 U	0.00104 U	0.00123 U
M+P-XYLENES	NC	NC	NC	0.001 U	0.001 U	0.00221 U	0.00208 U	0.00246 U
M-XYLENE	NC	NC	NC					
METHYLENE CHLORIDE	17	26	0.02			0.00926 U	0.0159 U	0.00978 U
O-XYLENE	NC	NC	NC	0.0007 U	0.0007 U	0.00111 U	0.00104 U	0.00123 U
TOLUENE	7500	60000	0.5	0.001 U	0.001 U	0.000553 J	0.000841 J	0.00123 U
TOTAL XYLENES	130	700	0.2	0.002 U	0.002 U			
Semivolatile Organics (mg/kg)								
1-METHYLNAPHTHALENE	200	1800	3.1	0.099	0.012 U	0.0384 U	0.0375 U	0.0388 U
2-METHYLNAPHTHALENE	210	2100	8.5	0.14	0.0007 U	0.0384 U	0.0375 U	0.0388 U
ACENAPHTHENE	2400	20000	2.1	0.61	0.0008 U	0.0384 U	0.0375 U	0.0388 U
ACENAPHTHYLENE	1800	20000	27	0.0006 U	0.0006 U	0.0384 U	0.0375 U	0.0388 U
ANTHRACENE	21000	300000	2500	0.91	0.001 U	0.0384 U	0.0227 J	0.0388 U
BENZO(A)ANTHRACENE	NC	NC	0.8	1.4 [L]	0.001 U	0.0504	0.125	0.0388 U
BENZO(A)PYRENE	0.1	0.7	8	0.018 U	0.0009 U	0.0543	0.0795	0.0388 U
BENZO(B)FLUORANTHENE	NC	NC	2.4	1	0.002 U	0.0736	0.125	0.0388 U
BENZO(G,H,I)PERYLENE	2500	52000	32000	0.035	0.002 U	0.0388	0.0417	0.0388 U
BENZO(K)FLUORANTHENE	NC	NC	24	0.3 J	0.002 U	0.0349 J	0.0379	0.0388 U
CHRYSENE	NC	NC	77	0.42 J	0.001 U	0.0388	0.11	0.0388 U
DIBENZO(A,H)ANTHRACENE	NC	NC	0.7	0.002 U	0.002 U	0.0384 U	0.0375 U	0.0388 U
FLUORANTHENE	3200	59000	1200	2.5	0.007 J	0.0384 U	0.284	0.0388 U
FLUORENE	2600	33000	160	0.73	0.0007 U	0.0384 U	0.0375 U	0.0388 U
INDENO(1,2,3-CD)PYRENE	NC	NC	6.6	0.073	0.002 U	0.302	0.303	0.0388 U
NAPHTHALENE	55	300	1.2	0.004 J	0.001 U	0.0384 U	0.0375 U	0.0388 U
PHENANTHRENE	2200	36000	250	2.5	0.002 U	0.0384 U	0.0417	0.0388 U
PYRENE	2400	45000	880	2.2	0.002 U	0.0233 J	0.254	0.0388 U
Petroleum Hydrocarbons (mg/kg)								
TOTAL PETROLEUM HYDROCARBONS	460	2700	340	110	2.4 U	86.1	80.5	7.76 U
Miscellaneous Parameters (%)								
PERCENT SOLIDS	NC	NC	NC	82	85	86	88	85

Notes:
FDEP = Florida Department of Environmental Protection
[R] = exceedance of Residential SCTL
[I] = exceedance of Industrial SCTL
[L] = exceedance of Leachability SCTL
J = Estimated Value
U = Analyte was below method detection limit
mg/kg = milligrams per kilogram

TABLE 3-3

SOIL ANALYTICAL RESULTS
SITE ASSESSMENT REPORT
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 3 OF 16

LOCATION	SCTLs			JAX25-SB27	JAX25-SB28	JAX25-SB29	JAX25-SB30	JAX25-SB31
SAMPLE ID				JAX-PCA25-SB27-S03	JAX-PCA25-SB28-S03	JAX-PCA25-SB29-S03	JAX-PCA25-SB30-S03	JAX-PCA25-SB31-S03
TOP DEPTH				2	2	2	2	2
BOTTOM DEPTH	Direct Exposure	Direct Exposure	Leachability based	3	3	3	3	3
SAMPLE DATE	Residential Soil	Industrial Soil	on Groundwater	1/16/2006	1/16/2006	1/16/2006	1/16/2006	1/16/2006
Volatile Organics (mg/kg)								
BENZENE	1.2	1.7	0.007	0.00114 U	0.00117 U	0.00101 U	0.00123 U	0.00104 U
CHLOROBENZENE	120	650	1.3	0.00114 U	0.00117 U	0.00101 U	0.00123 U	0.00104 U
ETHYLBENZENE	1500	9200	0.6	0.00114 U	0.00117 U	0.00101 U	0.00123 U	0.00227
M+P-XYLENES	NC	NC	NC	0.00229 U	0.00235 U	0.00202 U	0.00245 U	0.000989 J
M-XYLENE	NC	NC	NC					
METHYLENE CHLORIDE	17	26	0.02	0.0124 U	0.0111 U	0.0107 U	0.0125 U	0.017 U
O-XYLENE	NC	NC	NC	0.00114 U	0.00117 U	0.00101 U	0.00123 U	0.00375
TOLUENE	7500	60000	0.5	0.000618 J	0.00117 U	0.000526 J	0.00123 U	0.000823 J
TOTAL XYLENES	130	700	0.2					
Semivolatile Organics (mg/kg)								
1-METHYLNAPHTHALENE	200	1800	3.1	0.0393 U	0.0379 U	0.0423 U	0.0375 U	0.575
2-METHYLNAPHTHALENE	210	2100	8.5	0.0393 U	0.0379 U	0.0423 U	0.0375 U	0.379 U
ACENAPHTHENE	2400	20000	2.1	0.0393 U	0.0379 U	0.0423 U	0.0375 U	0.728
ACENAPHTHYLENE	1800	20000	27	0.0393 U	0.0379 U	0.0423 U	0.0375 U	0.379 U
ANTHRACENE	21000	300000	2500	0.0393 U	0.0379 U	0.0423 U	0.0375 U	1.07
BENZO(A)ANTHRACENE	NC	NC	0.8	0.0393 U	0.0379 U	0.0423 U	0.0375 U	2.18 [L]
BENZO(A)PYRENE	0.1	0.7	8	0.0393 U	0.0379 U	0.0423 U	0.0375 U	1.49 [R] [I]
BENZO(B)FLUORANTHENE	NC	NC	2.4	0.0393 U	0.0379 U	0.0423 U	0.0375 U	0.881
BENZO(G,H,I)PERYLENE	2500	52000	32000	0.0393 U	0.0379 U	0.0423 U	0.0375 U	2.11
BENZO(K)FLUORANTHENE	NC	NC	24	0.0393 U	0.0379 U	0.0423 U	0.0375 U	0.379 U
CHRYSENE	NC	NC	77	0.0393 U	0.0379 U	0.0423 U	0.0375 U	3.18
DIBENZO(A,H)ANTHRACENE	NC	NC	0.7	0.0393 U	0.0379 U	0.0423 U	0.0375 U	0.379 U
FLUORANTHENE	3200	59000	1200	0.0393 U	0.0379 U	0.0423 U	0.0375 U	2.95
FLUORENE	2600	33000	160	0.0393 U	0.0379 U	0.0423 U	0.0375 U	2.95
INDENO(1,2,3-CD)PYRENE	NC	NC	6.6	0.0393 U	0.0379 U	0.0423 U	0.0375 U	0.421
NAPHTHALENE	55	300	1.2	0.0393 U	0.0379 U	0.0423 U	0.0375 U	0.307 J
PHENANTHRENE	2200	36000	250	0.0393 U	0.0379 U	0.0423 U	0.0375 U	8.62
PYRENE	2400	45000	880	0.0393 U	0.0379 U	0.0423 U	0.0375 U	18.6
Petroleum Hydrocarbons (mg/kg)								
TOTAL PETROLEUM HYDROCARBONS	460	2700	340	7.86 U	7.59 U	10.1	7.12 J	15300 [R] [I] [L]
Miscellaneous Parameters (%)								
PERCENT SOLIDS	NC	NC	NC	84	87	78	88	87

Notes:
FDEP = Florida Department of Environmental Protection
[R] = exceedance of Residential SCTL
[I] = exceedance of Industrial SCTL
[L] = exceedance of Leachability SCTL
J = Estimated Value
U = Analyte was below method detection limit
mg/kg = milligrams per kilogram

TABLE 3-3

SOIL ANALYTICAL RESULTS
SITE ASSESSMENT REPORT
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 4 OF 16

LOCATION	SCTLs			JAX25-SB32	JAX25-SB33	JAX25-SB34	JAX25-SB35	JAX25-SB36
SAMPLE ID				JAX-PCA25-SB32-S03	JAX-PCA25-SB33-S03	JAX-PCA25-SB34-S03	JAX-PCA25-SB35-S03	JAX-PCA25-SB36-S03
TOP DEPTH				2	2	2	2	2
BOTTOM DEPTH	Direct Exposure	Direct Exposure	Leachability based	3	3	3	3	3
SAMPLE DATE	Residential Soil	Industrial Soil	on Groundwater	1/16/2006	1/16/2006	1/16/2006	1/16/2006	1/17/2006
Volatile Organics (mg/kg)								
BENZENE	1.2	1.7	0.007	0.00124 U	0.00107 U	0.00131 U	0.00104 U	0.00105 U
CHLOROBENZENE	120	650	1.3	0.00124 U	0.00107 U	0.00131 U	0.00104 U	0.00105 U
ETHYLBENZENE	1500	9200	0.6	0.00124 U	0.00107 U	0.00131 U	0.00104 U	0.00105 U
M+P-XYLENES	NC	NC	NC	0.00248 U	0.00214 U	0.00262 U	0.00208 U	0.00211 U
M-XYLENE	NC	NC	NC					
METHYLENE CHLORIDE	17	26	0.02	0.0117 U	0.0153 U	0.00942 U	0.00753 U	0.0124 U
O-XYLENE	NC	NC	NC	0.00124 U	0.00107 U	0.00131 U	0.00104 U	0.00105 U
TOLUENE	7500	60000	0.5	0.000706 J	0.000654 J	0.000628 J	0.000437 J	0.00105 U
TOTAL XYLENES	130	700	0.2					
Semivolatile Organics (mg/kg)								
1-METHYLNAPHTHALENE	200	1800	3.1	0.0379 U	0.0402 U	0.0423 U	0.0393 U	0.0359 U
2-METHYLNAPHTHALENE	210	2100	8.5	0.0379 U	0.0402 U	0.0423 U	0.0393 U	0.0181 J
ACENAPHTHENE	2400	20000	2.1	0.0379 U	0.0402 U	0.0423 U	0.0393 U	0.0359 U
ACENAPHTHYLENE	1800	20000	27	0.0379 U	0.0402 U	0.0423 U	0.0393 U	0.431
ANTHRACENE	21000	300000	2500	0.0379 U	0.0402 U	0.0423 U	0.0393 U	0.344
BENZO(A)ANTHRACENE	NC	NC	0.8	0.0379 U	0.0325 J	0.0423 U	0.0393 U	0.54
BENZO(A)PYRENE	0.1	0.7	8	0.0379 U	0.0325 J	0.0423 U	0.0393 U	0.993 [R] [I]
BENZO(B)FLUORANTHENE	NC	NC	2.4	0.0379 U	0.0488	0.0423 U	0.0393 U	1.82
BENZO(G,H,I)PERYLENE	2500	52000	32000	0.0379 U	0.0407	0.0423 U	0.0393 U	0.841
BENZO(K)FLUORANTHENE	NC	NC	24	0.0379 U	0.0402 U	0.0423 U	0.0393 U	0.678
CHRYSENE	NC	NC	77	0.0379 U	0.0244 J	0.0423 U	0.0393 U	0.855
DIBENZO(A,H)ANTHRACENE	NC	NC	0.7	0.0379 U	0.0402 U	0.0423 U	0.0393 U	0.246
FLUORANTHENE	3200	59000	1200	0.0379 U	0.0402 U	0.0423 U	0.0393 U	0.529
FLUORENE	2600	33000	160	0.0379 U	0.0402 U	0.0423 U	0.0393 U	0.0217 J
INDENO(1,2,3-CD)PYRENE	NC	NC	6.6	0.0379 U	0.317	0.0423 U	0.0393 U	0.793
NAPHTHALENE	55	300	1.2	0.0379 U	0.0402 U	0.0423 U	0.0393 U	0.029 J
PHENANTHRENE	2200	36000	250	0.0379 U	0.0402 U	0.0423 U	0.0393 U	0.0761
PYRENE	2400	45000	880	0.0379 U	0.0402 U	0.0423 U	0.0393 U	0.775
Petroleum Hydrocarbons (mg/kg)								
TOTAL PETROLEUM HYDROCARBONS	460	2700	340	7.59 U	8.05 U	8.46 U	11	232
Miscellaneous Parameters (%)								
PERCENT SOLIDS	NC	NC	NC	87	82	78	84	92

Notes:
FDEP = Florida Department of Environmental Protection
[R] = exceedance of Residential SCTL
[I] = exceedance of Industrial SCTL
[L] = exceedance of Leachability SCTL
J = Estimated Value
U = Analyte was below method detection limit
mg/kg = milligrams per kilogram

TABLE 3-3

SOIL ANALYTICAL RESULTS
SITE ASSESSMENT REPORT
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 5 OF 16

LOCATION	SCTLs			JAX25-SB37	JAX25-SB38	JAX25-SB39	JAX25-SB40	JAX25-SB41	JAX25-SB42
SAMPLE ID				JAX-PCA25-SB37-S03	JAX-PCA25-SB38-S03	JAX-PCA25-SB39-S03	JAX-PCA25-SB40-S03	JAX-PCA25-SB41-S01	JAX-PCA25-SB42-S03
TOP DEPTH				2	2	2	2	0	2
BOTTOM DEPTH	Direct Exposure	Direct Exposure	Leachability based	3	3	3	3	1	3
SAMPLE DATE	Residential Soil	Industrial Soil	on Groundwater	1/17/2006	1/17/2006	1/17/2006	1/17/2006	1/17/2006	1/17/2006
Volatile Organics (mg/kg)									
BENZENE	1.2	1.7	0.007	0.00104 U	0.00118 U	0.00117 U	0.00122 U	0.00128 U	0.0868 J [L]
CHLOROBENZENE	120	650	1.3	0.00104 U	0.00118 U	0.00117 U	0.00122 U	0.00128 U	0.25
ETHYLBENZENE	1500	9200	0.6	0.00104 U	0.00118 U	0.00117 U	0.00122 U	0.00128 U	3.1 [L]
M+P-XYLENES	NC	NC	NC	0.00208 U	0.00236 U	0.00234 U	0.00244 U	0.00256 U	2.52
M-XYLENE	NC	NC	NC						
METHYLENE CHLORIDE	17	26	0.02	0.0112 U	0.0141 U	0.0158 U	0.0162 U	0.0327 [L]	0.361 U
O-XYLENE	NC	NC	NC	0.00104 U	0.00118 U	0.00117 U	0.00122 U	0.00128 U	0.124 U
TOLUENE	7500	60000	0.5	0.00104 U	0.00118 U	0.00117 U	0.00055 J	0.00128 U	0.0273 J
TOTAL XYLENES	130	700	0.2						
Semivolatile Organics (mg/kg)									
1-METHYLNAPHTHALENE	200	1800	3.1	0.0359 U	0.0367 U	0.0393 U	0.0402 U	0.608	4.68 [L]
2-METHYLNAPHTHALENE	210	2100	8.5	0.0359 U	0.0367 U	0.0393 U	0.0402 U	0.756	5.16
ACENAPHTHENE	2400	20000	2.1	0.0359 U	0.0367 U	0.0393 U	0.0402 U	0.034 U	0.0833
ACENAPHTHYLENE	1800	20000	27	0.0359 U	0.0367 U	0.0393 U	0.0402 U	0.034 U	0.0393 U
ANTHRACENE	21000	300000	2500	0.0359 U	0.0367 U	0.0393 U	0.0402 U	0.034 U	0.0393 U
BENZO(A)ANTHRACENE	NC	NC	0.8	0.0217 J	0.0367 U	0.0393 U	0.0402 U	0.034 U	0.0393 U
BENZO(A)PYRENE	0.1	0.7	8	0.0359 U	0.0367 U	0.0393 U	0.0402 U	0.034 U	0.0393 U
BENZO(B)FLUORANTHENE	NC	NC	2.4	0.0359 U	0.0367 U	0.0393 U	0.0402 U	0.034 U	0.0393 U
BENZO(G,H,I)PERYLENE	2500	52000	32000	0.0359 U	0.0367 U	0.0393 U	0.0402 U	0.034 U	0.0393 U
BENZO(K)FLUORANTHENE	NC	NC	24	0.0359 U	0.0367 U	0.0393 U	0.0402 U	0.034 U	0.0393 U
CHRYSENE	NC	NC	77	0.0359 U	0.0367 U	0.0393 U	0.0402 U	0.034 U	0.0393 U
DIBENZO(A,H)ANTHRACENE	NC	NC	0.7	0.0359 U	0.0367 U	0.0393 U	0.0402 U	0.034 U	0.0393 U
FLUORANTHENE	3200	59000	1200	0.0359 U	0.0367 U	0.0393 U	0.0402 U	0.034 U	0.0238 J
FLUORENE	2600	33000	160	0.0359 U	0.0367 U	0.0393 U	0.0402 U	0.034 U	0.131
INDENO(1,2,3-CD)PYRENE	NC	NC	6.6	0.0359 U	0.0367 U	0.0393 U	0.0402 U	0.034 U	0.0393 U
NAPHTHALENE	55	300	1.2	0.0359 U	0.0367 U	0.0393 U	0.0402 U	0.275	2.34 [L]
PHENANTHRENE	2200	36000	250	0.0359 U	0.0367 U	0.0393 U	0.0402 U	0.034 U	0.0873
PYRENE	2400	45000	880	0.0359 U	0.0367 U	0.0393 U	0.0402 U	0.034 U	0.0278 J
Petroleum Hydrocarbons (mg/kg)									
TOTAL PETROLEUM HYDROCARBONS	460	2700	340	71.7 U	7.33 U	7.86 U	30.9	287	3550 [R] [I] [L]
Miscellaneous Parameters (%)									
PERCENT SOLIDS	NC	NC	NC	92	90	84	82	97	84

Notes:
FDEP = Florida Department of Environmental Protection
[R] = exceedance of Residential SCTL
[I] = exceedance of Industrial SCTL
[L] = exceedance of Leachability SCTL
J = Estimated Value
U = Analyte was below method detection limit
mg/kg = milligrams per kilogram

TABLE 3-3

SOIL ANALYTICAL RESULTS
SITE ASSESSMENT REPORT
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 6 OF 16

LOCATION	SCTLs			JAX25-SB43	JAX25-SB44	JAX25-SB45	JAX25-SB46	JAX25-SB47	JAX25-SB48
SAMPLE ID				JAX-PCA25-SB43-S03	JAX-PCA25-SB44-S03	JAX-PCA25-SB45-S03	JAX-PCA25-SB46-S03	JAX-PCA25-SB47-S03	JAX-PCA25-SB48-S03
TOP DEPTH				2	2	2	2	2	2
BOTTOM DEPTH	Direct Exposure	Direct Exposure	Leachability based	3	3	3	3	3	3
SAMPLE DATE	Residential Soil	Industrial Soil	on Groundwater	1/17/2006	1/17/2006	1/17/2006	1/17/2006	1/17/2006	1/17/2006
Volatile Organics (mg/kg)									
BENZENE	1.2	1.7	0.007	0.00118 U	0.00126 U	0.00106 U	0.00119 U	0.12 U	0.0011 U
CHLOROBENZENE	120	650	1.3	0.00118 U	0.00126 U	0.00106 U	0.00119 U	2.17 [L]	0.0011 U
ETHYLBENZENE	1500	9200	0.6	0.00118 U	0.00126 U	0.00106 U	0.00119 U	0.0852 J	0.0011 U
M+P-XYLENES	NC	NC	NC	0.00235 U	0.00252 U	0.00212 U	0.00239 U	0.128 J	0.00221 U
M-XYLENE	NC	NC	NC						
METHYLENE CHLORIDE	17	26	0.02	0.0162 U	0.015 U	0.0141 U	0.00749 U	0.3 U	0.0131 U
O-XYLENE	NC	NC	NC	0.00118 U	0.00126 U	0.00106 U	0.00119 U	0.0336 J	0.0011 U
TOLUENE	7500	60000	0.5	0.000882 J	0.00126 U	0.000552 J	0.00119 U	0.036 J	0.0011 U
TOTAL XYLENES	130	700	0.2						
Semivolatile Organics (mg/kg)									
1-METHYLNAPHTHALENE	200	1800	3.1	0.026 J	0.0423 U	0.0407 U	0.0379 U	0.155	0.0402 U
2-METHYLNAPHTHALENE	210	2100	8.5	0.026 J	0.0423 U	0.0407 U	0.0379 U	0.21	0.0402 U
ACENAPHTHENE	2400	20000	2.1	0.0429 U	0.0423 U	0.0407 U	0.0379 U	0.325	0.0402 U
ACENAPHTHYLENE	1800	20000	27	0.0429 U	0.0423 U	0.0407 U	0.0379 U	0.0393 U	0.0402 U
ANTHRACENE	21000	300000	2500	0.0429 U	0.0423 U	0.0407 U	0.0379 U	0.75	0.0402 U
BENZO(A)ANTHRACENE	NC	NC	0.8	0.0429 U	0.0423 U	0.0407 U	0.0268 J	0.714	0.0402 U
BENZO(A)PYRENE	0.1	0.7	8	0.0429 U	0.0423 U	0.0407 U	0.0379 U	0.377 [R]	0.0402 U
BENZO(B)FLUORANTHENE	NC	NC	2.4	0.0429 U	0.0423 U	0.0407 U	0.303	0.468	0.0402 U
BENZO(G,H,I)PERYLENE	2500	52000	32000	0.0429 U	0.0423 U	0.0407 U	0.0421	0.167	0.0402 U
BENZO(K)FLUORANTHENE	NC	NC	24	0.0429 U	0.0423 U	0.0407 U	0.138	0.202	0.0402 U
CHRYSENE	NC	NC	77	0.0429 U	0.0423 U	0.0407 U	0.153	0.726	0.0402 U
DIBENZO(A,H)ANTHRACENE	NC	NC	0.7	0.0429 U	0.0423 U	0.0407 U	0.023 J	0.0476	0.0402 U
FLUORANTHENE	3200	59000	1200	0.0429 U	0.0423 U	0.0407 U	0.0383	2.55	0.0402 U
FLUORENE	2600	33000	160	0.0429 U	0.0423 U	0.0407 U	0.0379 U	0.393	0.0402 U
INDENO(1,2,3-CD)PYRENE	NC	NC	6.6	0.0429 U	0.0423 U	0.0407 U	0.0651	0.159	0.0402 U
NAPHTHALENE	55	300	1.2	0.0429 U	0.0423 U	0.0407 U	0.0379 U	0.0794	0.0402 U
PHENANTHRENE	2200	36000	250	0.0429 U	0.0423 U	0.0407 U	0.0379 U	3.11	0.0402 U
PYRENE	2400	45000	880	0.0429 U	0.0423 U	0.0407 U	0.199	1.96	0.0402 U
Petroleum Hydrocarbons (mg/kg)									
TOTAL PETROLEUM HYDROCARBONS	460	2700	340	8.57 U	8.46 U	8.15 U	27.6	183	15.8
Miscellaneous Parameters (%)									
PERCENT SOLIDS	NC	NC	NC	77	78	81	87	84	82

Notes:
FDEP = Florida Department of Environmental Protection
[R] = exceedance of Residential SCTL
[I] = exceedance of Industrial SCTL
[L] = exceedance of Leachability SCTL
J = Estimated Value
U = Analyte was below method detection limit
mg/kg = milligrams per kilogram

TABLE 3-3

SOIL ANALYTICAL RESULTS
SITE ASSESSMENT REPORT
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 7 OF 16

LOCATION	SCTLs			JAX25-SB49	JAX25-SB50	JAX25-SB51	JAX25-SB52	JAX25-SB53	JAX25-SB54
SAMPLE ID				JAX-PCA25-SB49-S03	JAX-PCA25-SB50-S03	JAX-PCA25-SB51-S03	JAX-PCA25-SB52-S03	JAX-PCA25-SB53-S03	JAX-PCA25-SB54-S03
TOP DEPTH				2	2	2	2	2	2
BOTTOM DEPTH	Direct Exposure	Direct Exposure	Leachability based	3	3	3	3	3	3
SAMPLE DATE	Residential Soil	Industrial Soil	on Groundwater	4/24/2006	4/24/2006	4/24/2006	4/24/2006	4/24/2006	4/24/2006
Volatile Organics (mg/kg)									
BENZENE	1.2	1.7	0.007	0.0028 U	0.0028 U	0.0027 U	0.0023 U	0.0027 U	0.0029 U
CHLOROBENZENE	120	650	1.3						
ETHYLBENZENE	1500	9200	0.6	0.0028 U	0.0028 U	0.0027 U	0.0023 U	0.0027 U	0.0029 U
M+P-XYLENES	NC	NC	NC						
M-XYLENE	NC	NC	NC						
METHYLENE CHLORIDE	17	26	0.02						
O-XYLENE	NC	NC	NC						
TOLUENE	7500	60000	0.5	0.0028 U	0.0028 U	0.0027 U	0.0023 U	0.0027 U	0.0029 U
TOTAL XYLENES	130	700	0.2	0.0071 U	0.007 U	0.0067 U	0.0057 U	0.0067 U	0.0073 U
Semivolatile Organics (mg/kg)									
1-METHYLNAPHTHALENE	200	1800	3.1	0.037 U	0.037 U	0.038 U	0.04 U	0.036 U	0.037 U
2-METHYLNAPHTHALENE	210	2100	8.5	0.037 U	0.037 U	0.038 U	0.04 U	0.036 U	0.037 U
ACENAPHTHENE	2400	20000	2.1	0.073 U	0.074 U	0.075 U	0.08 U	0.072 U	0.073 U
ACENAPHTHYLENE	1800	20000	27	0.073 U	0.074 U	0.075 U	0.08 U	0.072 U	0.073 U
ANTHRACENE	21000	300000	2500	0.037 U	0.037 U	0.038 U	0.04 U	0.036 U	0.0804 J
BENZO(A)ANTHRACENE	NC	NC	0.8	0.0173 J	0.015 U	0.015 J	0.016 U	0.014 U	0.0257 J
BENZO(A)PYRENE	0.1	0.7	8	0.0223 J	0.015 U	0.015 U	0.016 U	0.014 U	0.0164 J
BENZO(B)FLUORANTHENE	NC	NC	2.4	0.022 J	0.015 U	0.0206 J	0.016 U	0.014 U	0.0164 J
BENZO(G,H,I)PERYLENE	2500	52000	32000	0.045 J	0.015 U	0.0162 J	0.016 U	0.014 U	0.015 U
BENZO(K)FLUORANTHENE	NC	NC	24	0.015 U	0.015 U	0.015 U	0.016 U	0.014 U	0.015 U
CHRYSENE	NC	NC	77	0.015 U	0.015 U	0.0151 J	0.016 U	0.014 U	0.0253 J
DIBENZO(A,H)ANTHRACENE	NC	NC	0.7	0.015 U	0.015 U	0.015 U	0.016 U	0.014 U	0.015 U
FLUORANTHENE	3200	59000	1200	0.037 U	0.037 U	0.038 U	0.04 U	0.036 U	0.17 J
FLUORENE	2600	33000	160	0.037 U	0.037 U	0.038 U	0.04 U	0.036 U	0.0853 J
INDENO(1,2,3-CD)PYRENE	NC	NC	6.6	0.015 U	0.015 U	0.015 U	0.016 U	0.014 U	0.015 U
NAPHTHALENE	55	300	1.2	0.037 U	0.037 U	0.038 U	0.04 U	0.036 U	0.037 U
PHENANTHRENE	2200	36000	250	0.037 U	0.037 U	0.038 U	0.04 U	0.036 U	0.424
PYRENE	2400	45000	880	0.0394 J	0.037 U	0.038 U	0.04 U	0.036 U	0.141 J
Petroleum Hydrocarbons (mg/kg)									
TOTAL PETROLEUM HYDROCARBONS	460	2700	340	155	33.1	78.6	76.3	7.96 J	39
Miscellaneous Parameters (%)									
PERCENT SOLIDS	NC	NC	NC	91	89.2	88.7	83	91.3	90.2

Notes:
FDEP = Florida Department of Environmental Protection
[R] = exceedance of Residential SCTL
[I] = exceedance of Industrial SCTL
[L] = exceedance of Leachability SCTL
J = Estimated Value
U = Analyte was below method detection limit
mg/kg = milligrams per kilogram

TABLE 3-3

SOIL ANALYTICAL RESULTS
SITE ASSESSMENT REPORT
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 8 OF 16

LOCATION	SCTLs			JAX25-SB55	JAX25-SB56	JAX25-SB57	JAX25-SB58	JAX25-SB59	JAX25-SB60
SAMPLE ID				JAX-PCA25-SB55-S03	JAX-PCA25-SB56-S03	JAX-PCA25-SB57-S03	JAX-PCA25-SB58-S03	JAX-PCA25-SB59-S03	JAX-PCA25-SB60-S03
TOP DEPTH				2	2	2	2	2	2
BOTTOM DEPTH	Direct Exposure	Direct Exposure	Leachability based	3	3	3	3	3	3
SAMPLE DATE	Residential Soil	Industrial Soil	on Groundwater	4/24/2006	4/24/2006	4/24/2006	4/24/2006	4/24/2006	4/24/2006
Volatile Organics (mg/kg)									
BENZENE	1.2	1.7	0.007	0.0028 U	0.0032 U	0.0026 U	0.0025 U	0.003 U	0.0027 U
CHLOROBENZENE	120	650	1.3						
ETHYLBENZENE	1500	9200	0.6	0.0028 U	0.0032 U	0.0026 U	0.0025 U	0.003 U	0.0027 U
M+P-XYLENES	NC	NC	NC						
M-XYLENE	NC	NC	NC						
METHYLENE CHLORIDE	17	26	0.02						
O-XYLENE	NC	NC	NC						
TOLUENE	7500	60000	0.5	0.0028 U	0.0032 U	0.0026 U	0.0025 U	0.003 U	0.0027 U
TOTAL XYLENES	130	700	0.2	0.0069 U	0.0079 U	0.0064 U	0.0062 U	0.0074 U	0.0069 U
Semivolatile Organics (mg/kg)									
1-METHYLNAPHTHALENE	200	1800	3.1	0.04 U	0.039 U	0.035 U	0.036 U	0.038 U	0.037 U
2-METHYLNAPHTHALENE	210	2100	8.5	0.04 U	0.039 U	0.035 U	0.036 U	0.038 U	0.037 U
ACENAPHTHENE	2400	20000	2.1	0.08 U	0.079 U	0.071 U	0.072 U	0.076 U	0.073 U
ACENAPHTHYLENE	1800	20000	27	0.08 U	0.079 U	0.071 U	0.072 U	0.076 U	0.073 U
ANTHRACENE	21000	300000	2500	0.04 U	0.039 U	0.035 U	0.036 U	0.038 U	0.037 U
BENZO(A)ANTHRACENE	NC	NC	0.8	0.016 U	0.016 U	0.014 U	0.0415 J	0.015 U	0.015 U
BENZO(A)PYRENE	0.1	0.7	8	0.016 U	0.016 U	0.014 U	0.0613	0.015 U	0.015 U
BENZO(B)FLUORANTHENE	NC	NC	2.4	0.016 U	0.016 U	0.014 U	0.0996	0.015 U	0.015 U
BENZO(G,H,I)PERYLENE	2500	52000	32000	0.016 U	0.016 U	0.014 U	0.028 J	0.015 U	0.015 U
BENZO(K)FLUORANTHENE	NC	NC	24	0.016 U	0.016 U	0.014 U	0.0278 J	0.015 U	0.015 U
CHRYSENE	NC	NC	77	0.016 U	0.016 U	0.014 U	0.0296 J	0.015 U	0.015 U
DIBENZO(A,H)ANTHRACENE	NC	NC	0.7	0.016 U	0.016 U	0.014 U	0.014 U	0.015 U	0.015 U
FLUORANTHENE	3200	59000	1200	0.04 U	0.039 U	0.035 U	0.13 J	0.038 U	0.037 U
FLUORENE	2600	33000	160	0.04 U	0.039 U	0.035 U	0.036 U	0.038 U	0.037 U
INDENO(1,2,3-CD)PYRENE	NC	NC	6.6	0.016 U	0.016 U	0.014 U	0.0347 J	0.015 U	0.015 U
NAPHTHALENE	55	300	1.2	0.04 U	0.039 U	0.035 U	0.036 U	0.038 U	0.037 U
PHENANTHRENE	2200	36000	250	0.04 U	0.039 U	0.035 U	0.036 U	0.038 U	0.037 U
PYRENE	2400	45000	880	0.04 U	0.039 U	0.035 U	0.183 J	0.038 U	0.037 U
Petroleum Hydrocarbons (mg/kg)									
TOTAL PETROLEUM HYDROCARBONS	460	2700	340	21.6	7.64 J	6 U	100	6.5 U	6.3 U
Miscellaneous Parameters (%)									
PERCENT SOLIDS	NC	NC	NC	82.9	83	92.9	92	87	90.5

Notes:
FDEP = Florida Department of Environmental Protection
[R] = exceedance of Residential SCTL
[I] = exceedance of Industrial SCTL
[L] = exceedance of Leachability SCTL
J = Estimated Value
U = Analyte was below method detection limit
mg/kg = milligrams per kilogram

TABLE 3-3

SOIL ANALYTICAL RESULTS
SITE ASSESSMENT REPORT
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 9 OF 16

LOCATION	SCTLs			JAX25-SB61	JAX25-SB62	JAX25-SB63	JAX25-SB64	JAX25-SB65	JAX25-SB66
SAMPLE ID				JAX-PCA25-SB61-S03	JAX-PCA25-SB62-S03	JAX-PCA25-SB63-S03	JAX-PCA25-SB64-S03	JAX-PCA25-SB65-S03	JAX-PCA25-SB66-S05
TOP DEPTH				2	2	2	2	2	4
BOTTOM DEPTH	Direct Exposure	Direct Exposure	Leachability based	3	3	3	3	3	5
SAMPLE DATE	Residential Soil	Industrial Soil	on Groundwater	4/24/2006	4/24/2006	4/24/2006	4/24/2006	4/24/2006	8/29/2006
Volatile Organics (mg/kg)									
BENZENE	1.2	1.7	0.007	0.0028 U	0.0025 U	0.0026 U	0.35 U	0.003 U	0.0109 U
CHLOROBENZENE	120	650	1.3						
ETHYLBENZENE	1500	9200	0.6	0.0028 U	0.0025 U	0.0026 U	0.35 U	0.0073 J	0.0219 U
M+P-XYLENES	NC	NC	NC						
M-XYLENE	NC	NC	NC						0.0328 U
METHYLENE CHLORIDE	17	26	0.02						
O-XYLENE	NC	NC	NC						0.0109 U
TOLUENE	7500	60000	0.5	0.0028 U	0.0025 U	0.0026 U	0.35 U	0.003 U	0.0219 U
TOTAL XYLENES	130	700	0.2	0.0071 U	0.0062 U	0.0066 U	0.88 U	0.0075 U	
Semivolatile Organics (mg/kg)									
1-METHYLNAPHTHALENE	200	1800	3.1	0.037 U	0.037 U	0.036 U	66.1 [L]	1.45	0.0138 U
2-METHYLNAPHTHALENE	210	2100	8.5	0.037 U	0.037 U	0.036 U	64.7 [L]	1.93	0.0129 U
ACENAPHTHENE	2400	20000	2.1	0.073 U	0.073 U	0.072 U	0.78 U	1.5	0.00943 U
ACENAPHTHYLENE	1800	20000	27	0.073 U	0.073 U	0.072 U	3.1 U	0.35 U	0.0138 U
ANTHRACENE	21000	300000	2500	0.037 U	0.037 U	0.036 U	0.39 U	2.78	0.00896 U
BENZO(A)ANTHRACENE	NC	NC	0.8	0.015 U	0.015 U	0.0502 J	0.16 U	1.62 [L]	0.299
BENZO(A)PYRENE	0.1	0.7	8	0.015 U	0.015 U	0.118 [R]	0.16 U	0.988 [R] [I]	0.255 [R]
BENZO(B)FLUORANTHENE	NC	NC	2.4	0.015 U	0.015 U	0.173	0.16 U	1.65	0.377
BENZO(G,H,I)PERYLENE	2500	52000	32000	0.015 U	0.015 U	0.103	0.16 U	0.591	0.173
BENZO(K)FLUORANTHENE	NC	NC	24	0.015 U	0.015 U	0.0466 J	0.16 U	0.581	0.143
CHRYSENE	NC	NC	77	0.015 U	0.015 U	0.0395 J	0.16 U	1.9	0.476
DIBENZO(A,H)ANTHRACENE	NC	NC	0.7	0.015 U	0.015 U	0.0244 J	0.16 U	0.153 J	0.0145 U
FLUORANTHENE	3200	59000	1200	0.037 U	0.037 U	0.0504 J	0.39 U	8.02	0.403
FLUORENE	2600	33000	160	0.037 U	0.037 U	0.036 U	1.07 J	3	0.00818 U
INDENO(1,2,3-CD)PYRENE	NC	NC	6.6	0.015 U	0.015 U	0.105	0.16 U	0.66	0.113
NAPHTHALENE	55	300	1.2	0.037 U	0.037 U	0.036 U	3.1 U	0.994 J	0.0158 U
PHENANTHRENE	2200	36000	250	0.037 U	0.037 U	0.036 U	0.39 U	12.2	0.0779
PYRENE	2400	45000	880	0.037 U	0.037 U	0.0528 J	0.39 U	4.53	0.571
Petroleum Hydrocarbons (mg/kg)									
TOTAL PETROLEUM HYDROCARBONS	460	2700	340	21	6.2 U	102	14500 [R] [I] [L]	42.3	1680 [R] [L]
Miscellaneous Parameters (%)									
PERCENT SOLIDS	NC	NC	NC	90.7	90.8	92.1	84.7	95	

Notes:
FDEP = Florida Department of Environmental Protection
[R] = exceedance of Residential SCTL
[I] = exceedance of Industrial SCTL
[L] = exceedance of Leachability SCTL
J = Estimated Value
U = Analyte was below method detection limit
mg/kg = milligrams per kilogram

TABLE 3-3

SOIL ANALYTICAL RESULTS
SITE ASSESSMENT REPORT
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 10 OF 16

LOCATION	SCTLs			JAX25-SB67	JAX25-SB68	JAX25-SB69	JAX25-SB71	JAX25-SB72	JAX25-SB73
SAMPLE ID				JAX-PCA25-SB67-S05	JAX-PCA25-SB68-S05	JAX-PCA25-SB69-S05	JAX-PCA25-SB71-S05	JAX-PCA25-SB72-S05	JAX-PCA25-SB73-S05
TOP DEPTH				4	4	4	4	4	4
BOTTOM DEPTH	Direct Exposure	Direct Exposure	Leachability based	5	5	5	5	5	5
SAMPLE DATE	Residential Soil	Industrial Soil	on Groundwater	8/30/2006	8/30/2006	8/30/2006	8/30/2006	8/30/2006	8/29/2006
Volatile Organics (mg/kg)									
BENZENE	1.2	1.7	0.007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
CHLOROBENZENE	120	650	1.3						
ETHYLBENZENE	1500	9200	0.6	0.0003 U	0.0003 U	0.0003 U	0.0003 U	0.0002 U	0.0003 U
M+P-XYLENES	NC	NC	NC						
M-XYLENE	NC	NC	NC	0.0008 J	0.0004 U	0.0004 J	0.0004 U	0.0003 U	0.0005 J
METHYLENE CHLORIDE	17	26	0.02						
O-XYLENE	NC	NC	NC	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0001 U
TOLUENE	7500	60000	0.5	0.0003 U	0.0003 U	0.0004 U	0.0003 U	0.0002 U	0.0003 U
TOTAL XYLENES	130	700	0.2						
Semivolatile Organics (mg/kg)									
1-METHYLNAPHTHALENE	200	1800	3.1	0.0139 U	0.036 J	0.0139 U	0.0136 U	0.0123 U	0.0147 U
2-METHYLNAPHTHALENE	210	2100	8.5	0.013 U	0.0405 J	0.013 U	0.0127 U	0.0115 U	0.0138 U
ACENAPHTHENE	2400	20000	2.1	0.00955 U	0.00981 U	0.00955 U	0.00931 U	0.00844 U	0.0101 U
ACENAPHTHYLENE	1800	20000	27	0.0139 U	0.0143 U	0.0139 U	0.0136 U	0.0123 U	0.0147 U
ANTHRACENE	21000	300000	2500	0.00908 U	0.00932 U	0.00908 U	0.00885 U	0.00802 U	0.00958 U
BENZO(A)ANTHRACENE	NC	NC	0.8	0.00908 U	0.00932 U	0.259	0.00885 U	0.00802 U	0.00958 U
BENZO(A)PYRENE	0.1	0.7	8	0.00908 U	0.00932 U	0.237 [R]	0.00885 U	0.00802 U	0.00958 U
BENZO(B)FLUORANTHENE	NC	NC	2.4	0.00701 U	0.0072 U	0.346	0.00683 U	0.0062 U	0.0074 U
BENZO(G,H,I)PERYLENE	2500	52000	32000	0.0134 U	0.0138 U	0.132	0.0131 U	0.0119 U	0.0142 U
BENZO(K)FLUORANTHENE	NC	NC	24	0.00908 U	0.00932 U	0.127	0.00885 U	0.00802 U	0.00958 U
CHRYSENE	NC	NC	77	0.00961 U	0.00986 U	0.246	0.00936 U	0.00849 U	0.0101 U
DIBENZO(A,H)ANTHRACENE	NC	NC	0.7	0.0147 U	0.0151 U	0.0965	0.0144 U	0.013 U	0.0156 U
FLUORANTHENE	3200	59000	1200	0.0117 U	0.012 U	0.259	0.0114 U	0.0103 U	0.0124 U
FLUORENE	2600	33000	160	0.00829 U	0.00851 U	0.00829 U	0.00808 U	0.00733 U	0.00875 U
INDENO(1,2,3-CD)PYRENE	NC	NC	6.6	0.0153 U	0.0157 U	0.101	0.0149 U	0.0135 U	0.0161 U
NAPHTHALENE	55	300	1.2	0.0161 U	0.0165 U	0.0161 U	0.0156 U	0.0142 U	0.0169 U
PHENANTHRENE	2200	36000	250	0.00908 U	0.00932 U	0.0351 J	0.00885 U	0.00802 U	0.00958 U
PYRENE	2400	45000	880	0.0117 U	0.012 U	0.338	0.0114 U	0.0103 U	0.0124 U
Petroleum Hydrocarbons (mg/kg)									
TOTAL PETROLEUM HYDROCARBONS	460	2700	340	17.6	7.57 U	88.9	7.18 U	12.2	7.78 U
Miscellaneous Parameters (%)									
PERCENT SOLIDS	NC	NC	NC						

Notes:
FDEP = Florida Department of Environmental Protection
[R] = exceedance of Residential SCTL
[I] = exceedance of Industrial SCTL
[L] = exceedance of Leachability SCTL
J = Estimated Value
U = Analyte was below method detection limit
mg/kg = milligrams per kilogram

TABLE 3-3

SOIL ANALYTICAL RESULTS
SITE ASSESSMENT REPORT
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 11 OF 16

LOCATION	SCTLs			JAX25-SB74	JAX25-SB75	JAX25-SB76	JAX25-SB77	JAX25-SB78	JAX25-SB79
SAMPLE ID				JAX-PCA25-SB74-S05	JAX-PCA25-SB75-S03	JAX-PCA25-SB76-S05	JAX-PCA25-SB77-S05	JAX-PCA25-SB78-02	JAX-PCA25-SB79-01
TOP DEPTH				4	2	4	4	2.5	0.5
BOTTOM DEPTH	Direct Exposure	Direct Exposure	Leachability based	5	3	5	5	3	1
SAMPLE DATE	Residential Soil	Industrial Soil	on Groundwater	8/29/2006	8/29/2006	8/29/2006	8/30/2006	3/28/2007	3/28/2007
Volatile Organics (mg/kg)									
BENZENE	1.2	1.7	0.007	0.0001 U	0.0001 U	0.0001 U	0.0001 U	0.0009 U	0.001 U
CHLOROBENZENE	120	650	1.3						
ETHYLBENZENE	1500	9200	0.6	0.0003 U	0.0003 U	0.0003 U	0.252 J	0.0008 U	0.0009 U
M+P-XYLENES	NC	NC	NC					0.004 U	0.004 U
M-XYLENE	NC	NC	NC	0.0004 U	0.0004 J	0.0004 U	0.528 J		
METHYLENE CHLORIDE	17	26	0.02						
O-XYLENE	NC	NC	NC	0.0001 U	0.0001 U	0.0001 U	0.002	0.002 U	0.002 U
TOLUENE	7500	60000	0.5	0.0003 U	0.0005 U	0.0003 U	0.0002 U	0.002 U	0.002 U
TOTAL XYLENES	130	700	0.2					0.005 U	0.006 U
Semivolatile Organics (mg/kg)									
1-METHYLNAPHTHALENE	200	1800	3.1	0.0143 U	0.0147 U	0.0139 U	0.0151 U	0.01 U	0.01 U
2-METHYLNAPHTHALENE	210	2100	8.5	0.0134 U	0.0138 U	0.013 U	0.0141 U	0.008 U	0.008 U
ACENAPHTHENE	2400	20000	2.1	0.00981 U	0.0101 U	0.00955 U	0.0104 U	0.007 U	0.006 U
ACENAPHTHYLENE	1800	20000	27	0.0143 U	0.0147 U	0.0139 U	0.0151 U	0.002 U	0.009 J
ANTHRACENE	21000	300000	2500	0.00932 U	0.00958 U	0.00908 U	0.00986 U	0.004 U	0.006 J
BENZO(A)ANTHRACENE	NC	NC	0.8	0.00932 U	0.037 J	0.00908 U	0.00986 U	0.003 U	0.049
BENZO(A)PYRENE	0.1	0.7	8	0.00932 U	0.0231 J	0.00908 U	0.00986 U	0.003 U	0.05
BENZO(B)FLUORANTHENE	NC	NC	2.4	0.0072 U	0.134	0.00701 U	0.00761 U	0.003 U	0.077
BENZO(G,H,I)PERYLENE	2500	52000	32000	0.0138 U	0.0278 J	0.0134 U	0.0146 U	0.004 J	0.038
BENZO(K)FLUORANTHENE	NC	NC	24	0.00932 U	0.00958 U	0.00908 U	0.00986 U	0.003 U	0.029
CHRYSENE	NC	NC	77	0.00986 U	0.0278 J	0.00961 U	0.0104 U	0.003 U	0.045
DIBENZO(A,H)ANTHRACENE	NC	NC	0.7	0.0151 U	0.0156 U	0.0147 U	0.016 U	0.004 U	0.013 J
FLUORANTHENE	3200	59000	1200	0.012 U	0.0509	0.0117 U	0.0127 U	0.004 U	0.059
FLUORENE	2600	33000	160	0.00851 U	0.00875 U	0.00829 U	0.009 U	0.003 U	0.003 U
INDENO(1,2,3-CD)PYRENE	NC	NC	6.6	0.0157 U	0.0161 U	0.0153 U	0.0166 U	0.006 J	0.059
NAPHTHALENE	55	300	1.2	0.0165 U	0.0169 U	0.0161 U	0.0174 U	0.003 U	0.003 U
PHENANTHRENE	2200	36000	250	0.00932 U	0.00958 U	0.00908 U	0.00986 U	0.003 U	0.013 J
PYRENE	2400	45000	880	0.012 U	0.037 J	0.0117 U	0.0127 U	0.004 U	0.056
Petroleum Hydrocarbons (mg/kg)									
TOTAL PETROLEUM HYDROCARBONS	460	2700	340	7.57 U	27.5	8.41 J	40.6	26 U	110
Miscellaneous Parameters (%)									
PERCENT SOLIDS	NC	NC	NC					89	93

Notes:
FDEP = Florida Department of Environmental Protection
[R] = exceedance of Residential SCTL
[I] = exceedance of Industrial SCTL
[L] = exceedance of Leachability SCTL
J = Estimated Value
U = Analyte was below method detection limit
mg/kg = milligrams per kilogram

TABLE 3-3

SOIL ANALYTICAL RESULTS
SITE ASSESSMENT REPORT
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 12 OF 16

LOCATION	SCTLs			JAX25-SB80	JAX25-SB81	JAX25-SB82	JAX25-SB83	JAX25-SB84	JAX25-SB85
SAMPLE ID				JAX-PCA25-SB80-03	JAX-PCA25-SB81-03	JAX-PCA25-SB82-03	JAX-PCA25-SB83-03	JAX-PCA25-SB84-03	JAX-PCA25-SB85-03
TOP DEPTH				2.5	2.5	2.5	2.5	2.5	2.5
BOTTOM DEPTH	Direct Exposure	Direct Exposure	Leachability based	3	3	3	3	3	3
SAMPLE DATE	Residential Soil	Industrial Soil	on Groundwater	3/29/2007	3/28/2007	3/28/2007	3/28/2007	3/28/2007	3/28/2007
Volatile Organics (mg/kg)									
BENZENE	1.2	1.7	0.007	2.8 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U
CHLOROBENZENE	120	650	1.3						
ETHYLBENZENE	1500	9200	0.6	3.6 J [L]	0.0009 U	0.0008 U	0.001 U	0.0009 U	0.019
M+P-XYLENES	NC	NC	NC	12 U	0.004 U	0.004 U	0.006 U	0.004 U	0.007 J
M-XYLENE	NC	NC	NC						
METHYLENE CHLORIDE	17	26	0.02						
O-XYLENE	NC	NC	NC	4.7 U	0.002 U	0.002 U	0.002 U	0.002 U	0.01
TOLUENE	7500	60000	0.5	5.7 U	0.002 U	0.002 U	0.003 U	0.002 U	0.002 U
TOTAL XYLENES	130	700	0.2	16 U	0.006 U	0.005 U	0.009 U	0.006 U	0.017 J
Semivolatile Organics (mg/kg)									
1-METHYLNAPHTHALENE	200	1800	3.1	26 [L]	0.01 U	0.01 U	0.013 U	0.01 U	34 [L]
2-METHYLNAPHTHALENE	210	2100	8.5	40 [L]	0.008 U	0.008 U	0.01 U	0.008 U	53 [L]
ACENAPHTHENE	2400	20000	2.1	1.1	0.006 U	0.007 U	0.008 U	0.007 U	1.4
ACENAPHTHYLENE	1800	20000	27	0.024 U	0.002 U	0.002 U	0.003 U	0.002 U	0.024 U
ANTHRACENE	21000	300000	2500	0.18 J	0.004 U	0.004 U	0.005 U	0.004 U	0.096 J
BENZO(A)ANTHRACENE	NC	NC	0.8	0.22 J	0.003 U	0.003 U	0.004 U	0.003 U	0.069 J
BENZO(A)PYRENE	0.1	0.7	8	0.091 J	0.003 U	0.003 U	0.004 U	0.003 U	0.05 J
BENZO(B)FLUORANTHENE	NC	NC	2.4	0.15 J	0.003 U	0.003 U	0.004 U	0.004 U	0.097 J
BENZO(G,H,I)PERYLENE	2500	52000	32000	0.04 J	0.003 U	0.003 U	0.004 U	0.004 U	0.033 U
BENZO(K)FLUORANTHENE	NC	NC	24	0.045 J	0.003 U	0.003 U	0.004 U	0.003 U	0.032 U
CHRYSENE	NC	NC	77	0.14 J	0.005 J	0.003 U	0.004 U	0.003 U	0.034 J
DIBENZO(A,H)ANTHRACENE	NC	NC	0.7	0.044 J	0.004 U	0.004 U	0.005 U	0.004 U	0.042 J
FLUORANTHENE	3200	59000	1200	0.54	0.005 J	0.004 U	0.005 U	0.004 U	0.23
FLUORENE	2600	33000	160	0.77	0.003 U	0.003 U	0.004 U	0.004 U	1.1
INDENO(1,2,3-CD)PYRENE	NC	NC	6.6	0.066 J	0.005 U	0.005 U	0.006 U	0.005 U	0.048 U
NAPHTHALENE	55	300	1.2	16 J [L]	0.003 U	0.003 U	0.004 U	0.003 U	0.96
PHENANTHRENE	2200	36000	250	1.1	0.003 J	0.003 U	0.004 U	0.003 U	0.75
PYRENE	2400	45000	880	0.5	0.006 J	0.004 U	0.004 U	0.004 U	0.2 J
Petroleum Hydrocarbons (mg/kg)									
TOTAL PETROLEUM HYDROCARBONS	460	2700	340	6400 [R] [I] [L]	98	30 U	15 U	9.1 U	12000 [R] [I] [L]
Miscellaneous Parameters (%)									
PERCENT SOLIDS	NC	NC	NC	92	93	89	73	88	94

Notes:
FDEP = Florida Department of Environmental Protection
[R] = exceedance of Residential SCTL
[I] = exceedance of Industrial SCTL
[L] = exceedance of Leachability SCTL
J = Estimated Value
U = Analyte was below method detection limit
mg/kg = milligrams per kilogram

TABLE 3-3

SOIL ANALYTICAL RESULTS
SITE ASSESSMENT REPORT
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 13 OF 16

LOCATION	SCTLs			JAX25-SB86	JAX25-SB87	JAX25-SB88	JAX25-SB89	JAX25-SB90	JAX25-SB91
SAMPLE ID				JAX-PCA25-SB86-03	JAX-PCA25-SB87-03	JAX-PCA25-SB88-03	JAX-PCA25-SB89-03	JAX-PCA25-SB90-03	JAX-PCA25-SB91-03
TOP DEPTH				2.5	2.5	2.5	2.5	2.5	2.5
BOTTOM DEPTH	Direct Exposure	Direct Exposure	Leachability based	3	3	3	3	3	3
SAMPLE DATE	Residential Soil	Industrial Soil	on Groundwater	3/28/2007	3/28/2007	3/28/2007	3/28/2007	3/28/2007	3/28/2007
Volatile Organics (mg/kg)									
BENZENE	1.2	1.7	0.007	0.001 U	0.0009 U	0.0009 U	0.001 U	0.001 U	0.0007 U
CHLOROBENZENE	120	650	1.3						
ETHYLBENZENE	1500	9200	0.6	0.001 U	0.0008 U	0.0008 U	0.0008 U	0.0009 U	0.0006 U
M+P-XYLENES	NC	NC	NC	0.005 U	0.004 U	0.004 U	0.004 U	0.004 U	0.003 U
M-XYLENE	NC	NC	NC						
METHYLENE CHLORIDE	17	26	0.02						
O-XYLENE	NC	NC	NC	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.001 U
TOLUENE	7500	60000	0.5	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.001 U
TOTAL XYLENES	130	700	0.2	0.007 U	0.005 U	0.005 U	0.005 U	0.006 U	0.004 U
Semivolatile Organics (mg/kg)									
1-METHYLNAPHTHALENE	200	1800	3.1	0.012 U	0.01 U	0.01 U	0.01 U	0.013 U	0.01 U
2-METHYLNAPHTHALENE	210	2100	8.5	0.009 U	0.008 U	0.008 U	0.008 U	0.01 U	0.008 U
ACENAPHTHENE	2400	20000	2.1	0.007 U	0.006 U	0.006 U	0.006 U	0.008 U	0.007 U
ACENAPHTHYLENE	1800	20000	27	0.003 U	0.003 J	0.002 U	0.004 J	0.003 U	0.002 U
ANTHRACENE	21000	300000	2500	0.01 J	0.004 U	0.004 U	0.004 U	0.005 U	0.004 U
BENZO(A)ANTHRACENE	NC	NC	0.8	0.04	0.008 J	0.003 J	0.011 J	0.009 J	0.005 J
BENZO(A)PYRENE	0.1	0.7	8	0.073	0.012 J	0.005 J	0.008 J	0.006 J	0.005 J
BENZO(B)FLUORANTHENE	NC	NC	2.4	0.15	0.024	0.01 J	0.014 J	0.004 U	0.011 J
BENZO(G,H,I)PERYLENE	2500	52000	32000	0.11	0.031	0.006 J	0.007 J	0.012 J	0.008 J
BENZO(K)FLUORANTHENE	NC	NC	24	0.049	0.005 J	0.003 U	0.004 J	0.004 U	0.003 U
CHRYSENE	NC	NC	77	0.053	0.009 J	0.004 J	0.009 J	0.004 U	0.005 J
DIBENZO(A,H)ANTHRACENE	NC	NC	0.7	0.029	0.007 J	0.004 U	0.004 U	0.005 U	0.004 U
FLUORANTHENE	3200	59000	1200	0.03	0.008 J	0.006 J	0.017 J	0.012 J	0.006 J
FLUORENE	2600	33000	160	0.004 U	0.003 U	0.003 U	0.003 U	0.004 U	0.004 U
INDENO(1,2,3-CD)PYRENE	NC	NC	6.6	0.14	0.031	0.007 J	0.009 J	0.006 U	0.008 J
NAPHTHALENE	55	300	1.2	0.003 U	0.003 U	0.003 U	0.003 U	0.004 U	0.003 U
PHENANTHRENE	2200	36000	250	0.009 J	0.004 J	0.003 U	0.009 J	0.004 U	0.003 U
PYRENE	2400	45000	880	0.024 J	0.01 J	0.005 J	0.012 J	0.007 J	0.006 J
Petroleum Hydrocarbons (mg/kg)									
TOTAL PETROLEUM HYDROCARBONS	460	2700	340	300	82	13 U	17 U	76	51
Miscellaneous Parameters (%)									
PERCENT SOLIDS	NC	NC	NC	80	92	92	93	72	88

Notes:
FDEP = Florida Department of Environmental Protection
[R] = exceedance of Residential SCTL
[I] = exceedance of Industrial SCTL
[L] = exceedance of Leachability SCTL
J = Estimated Value
U = Analyte was below method detection limit
mg/kg = milligrams per kilogram

TABLE 3-3

SOIL ANALYTICAL RESULTS
SITE ASSESSMENT REPORT
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 14 OF 16

LOCATION	SCTLs			JAX25-SB92	JAX25-SB93	JAX25-SB94	JAX25-SB95	JAX25-SB96	JAX25-SB97
SAMPLE ID				JAX-PCA25-SB92-03	JAX-PCA25-SB93-03	JAX-PCA25-SB94-03	JAX-PCA25-SB95-01	JAX-PCA25-SB96-01	JAX-PCA25-SB97-03
TOP DEPTH				2.5	2.5	2.5	0.5	0.5	2.5
BOTTOM DEPTH	Direct Exposure	Direct Exposure	Leachability based	3	3	3	1	1	3
SAMPLE DATE	Residential Soil	Industrial Soil	on Groundwater	3/28/2007	3/28/2007	3/28/2007	3/28/2007	3/28/2007	3/28/2007
Volatile Organics (mg/kg)									
BENZENE	1.2	1.7	0.007	0.0009 U	0.001 U	0.001 U	0.001 U	0.048 U	0.001 U
CHLOROBENZENE	120	650	1.3						
ETHYLBENZENE	1500	9200	0.6	0.0008 U	0.003 J	0.0008 U	0.0009 U	0.085 J	0.0008 U
M+P-XYLENES	NC	NC	NC	0.004 U	0.005 U	0.004 U	0.004 U	0.2 U	0.004 U
M-XYLENE	NC	NC	NC						
METHYLENE CHLORIDE	17	26	0.02						
O-XYLENE	NC	NC	NC	0.001 U	0.002 U	0.002 U	0.002 U	0.08 U	0.002 U
TOLUENE	7500	60000	0.5	0.002 U	0.002 U	0.002 U	0.002 U	0.098 U	0.002 U
TOTAL XYLENES	130	700	0.2	0.005 U	0.006 U	0.006 U	0.006 U	0.28 U	0.005 U
Semivolatile Organics (mg/kg)									
1-METHYLNAPHTHALENE	200	1800	3.1	0.011 U	0.01 U	0.01 U	0.047	3.4 [L]	0.1
2-METHYLNAPHTHALENE	210	2100	8.5	0.009 U	0.01 J	0.008 J	0.057	3.8	0.16
ACENAPHTHENE	2400	20000	2.1	0.007 U	0.006 U	0.19	0.018 J	1.5	0.92 I
ACENAPHTHYLENE	1800	20000	27	0.003 U	0.002 U	0.002 U	0.007 J	0.49	0.003 U
ANTHRACENE	21000	300000	2500	0.004 U	0.004 U	0.005 J	0.024	1.3	1.7
BENZO(A)ANTHRACENE	NC	NC	0.8	0.012 J	0.012 J	0.003 U	0.024	2.4 [L]	1.9 [L]
BENZO(A)PYRENE	0.1	0.7	8	0.014 J	0.014 J	0.003 U	0.018 J	1.4 [R] [I]	0.87 I [R] [I]
BENZO(B)FLUORANTHENE	NC	NC	2.4	0.025	0.027	0.006 J	0.025	1.3	1.4
BENZO(G,H,I)PERYLENE	2500	52000	32000	0.014 J	0.016 J	0.003 U	0.011 J	0.53	0.86 I
BENZO(K)FLUORANTHENE	NC	NC	24	0.008 J	0.009 J	0.003 U	0.007 J	0.47	0.53 I
CHRYSENE	NC	NC	77	0.014 J	0.014 J	0.003 U	0.022	2.4	1.4
DIBENZO(A,H)ANTHRACENE	NC	NC	0.7	0.006 J	0.006 J	0.004 U	0.004 U	0.24	0.13
FLUORANTHENE	3200	59000	1200	0.02 J	0.017 J	0.007 J	0.071	4	7.2
FLUORENE	2600	33000	160	0.004 U	0.003 U	0.074	0.071	2.9	1.5
INDENO(1,2,3-CD)PYRENE	NC	NC	6.6	0.019 J	0.018 J	0.005 U	0.018 J	0.94	0.076
NAPHTHALENE	55	300	1.2	0.003 U	0.004 J	0.003 U	0.034	3.1 [L]	0.006 J
PHENANTHRENE	2200	36000	250	0.008 J	0.008 J	0.033	0.21	10	7.2
PYRENE	2400	45000	880	0.017 J	0.022 J	0.005 J	0.071	5.4	5.6
Petroleum Hydrocarbons (mg/kg)									
TOTAL PETROLEUM HYDROCARBONS	460	2700	340	66	190	26 U	49	3700 [R] [I] [L]	180
Miscellaneous Parameters (%)									
PERCENT SOLIDS	NC	NC	NC	83	90	90	93	92	83

Notes:
FDEP = Florida Department of Environmental Protection
[R] = exceedance of Residential SCTL
[I] = exceedance of Industrial SCTL
[L] = exceedance of Leachability SCTL
J = Estimated Value
U = Analyte was below method detection limit
mg/kg = milligrams per kilogram

TABLE 3-3

SOIL ANALYTICAL RESULTS
SITE ASSESSMENT REPORT
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 15 OF 16

LOCATION	SCTLs			JAX25-SB98	JAX25-SB99	JAX25-SB102	JAX25-SB103	JAX25-SB104	JAX25-SB105
SAMPLE ID				JAX-PCA25-SB98-01	JAX-PCA25-SB99-01	JAX-PCA25-SB102-03	JAX-PCA25-SB103-03	JAX-PCA25-SB104-03	JAX-PCA25-SB105-01
TOP DEPTH				0.5	0.5	2.5	2.5	2.5	0.5
BOTTOM DEPTH	Direct Exposure	Direct Exposure	Leachability based	1	1	3	3	3	1
SAMPLE DATE	Residential Soil	Industrial Soil	on Groundwater	3/28/2007	3/28/2007	3/28/2007	3/28/2007	3/29/2007	3/29/2007
Volatile Organics (mg/kg)									
BENZENE	1.2	1.7	0.007	0.001 U	0.0009 U	0.0009 UR	0.001 U	0.001 U	0.001 U
CHLOROBENZENE	120	650	1.3						
ETHYLBENZENE	1500	9200	0.6	0.006 J	0.0007 U	0.0008 UR	0.0008 U	0.0009 U	0.0009 U
M+P-XYLENES	NC	NC	NC	0.005 U	0.004 U	0.004 UR	0.004 U	0.004 U	0.004 U
M-XYLENE	NC	NC	NC						
METHYLENE CHLORIDE	17	26	0.02						
O-XYLENE	NC	NC	NC	0.002 U	0.001 U	0.002 UR	0.002 U	0.002 U	0.002 U
TOLUENE	7500	60000	0.5	0.002 U	0.002 U	0.002 UR	0.002 U	0.002 U	0.002 U
TOTAL XYLENES	130	700	0.2	0.007 U	0.005 U	0.005 UR	0.006 U	0.006 U	0.006 U
Semivolatile Organics (mg/kg)									
1-METHYLNAPHTHALENE	200	1800	3.1	0.095	0.01 U	0.01 U	0.01 U	0.01 U	0.047
2-METHYLNAPHTHALENE	210	2100	8.5	0.13	0.012 J	0.008 U	0.008 U	0.008 U	0.022
ACENAPHTHENE	2400	20000	2.1	0.045	0.006 U	0.006 U	0.006 U	0.006 U	0.26
ACENAPHTHYLENE	1800	20000	27	0.095	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
ANTHRACENE	21000	300000	2500	0.21	0.008 J	0.004 U	0.004 U	0.004 U	0.024
BENZO(A)ANTHRACENE	NC	NC	0.8	0.8	0.003 U	0.003 U	0.003 U	0.003 U	0.42
BENZO(A)PYRENE	0.1	0.7	8	0.55 [R]	0.003 U	0.003 U	0.003 U	0.003 U	0.24 [R]
BENZO(B)FLUORANTHENE	NC	NC	2.4	0.58	0.003 U	0.003 U	0.003 U	0.003 U	0.34
BENZO(G,H,I)PERYLENE	2500	52000	32000	0.18	0.003 U	0.003 U	0.003 U	0.003 U	0.21
BENZO(K)FLUORANTHENE	NC	NC	24	0.18	0.003 U	0.003 U	0.003 U	0.003 U	0.14
CHRYSENE	NC	NC	77	0.69	0.003 J	0.003 U	0.003 U	0.003 U	0.38
DIBENZO(A,H)ANTHRACENE	NC	NC	0.7	0.075	0.004 U	0.004 U	0.004 U	0.004 U	0.051
FLUORANTHENE	3200	59000	1200	1.7	0.01 J	0.004 U	0.004 U	0.004 U	0.46
FLUORENE	2600	33000	160	0.19	0.02 J	0.003 U	0.003 U	0.003 U	0.061
INDENO(1,2,3-CD)PYRENE	NC	NC	6.6	0.49	0.005 U	0.005 U	0.005 U	0.005 U	0.14
NAPHTHALENE	55	300	1.2	0.047	0.006 J	0.003 U	0.003 U	0.003 U	0.01 J
PHENANTHRENE	2200	36000	250	1.4	0.084	0.003 U	0.003 U	0.003 U	0.1
PYRENE	2400	45000	880	1.6	0.01 J	0.004 U	0.003 U	0.003 U	0.4
Petroleum Hydrocarbons (mg/kg)									
TOTAL PETROLEUM HYDROCARBONS	460	2700	340	1100 [R] [L]	25 U	13 U	7.3 U	6.5 U	400 [L]
Miscellaneous Parameters (%)									
PERCENT SOLIDS	NC	NC	NC	76	94	90	92	92	94

Notes:
FDEP = Florida Department of Environmental Protection
[R] = exceedance of Residential SCTL
[I] = exceedance of Industrial SCTL
[L] = exceedance of Leachability SCTL
J = Estimated Value
U = Analyte was below method detection limit
mg/kg = milligrams per kilogram

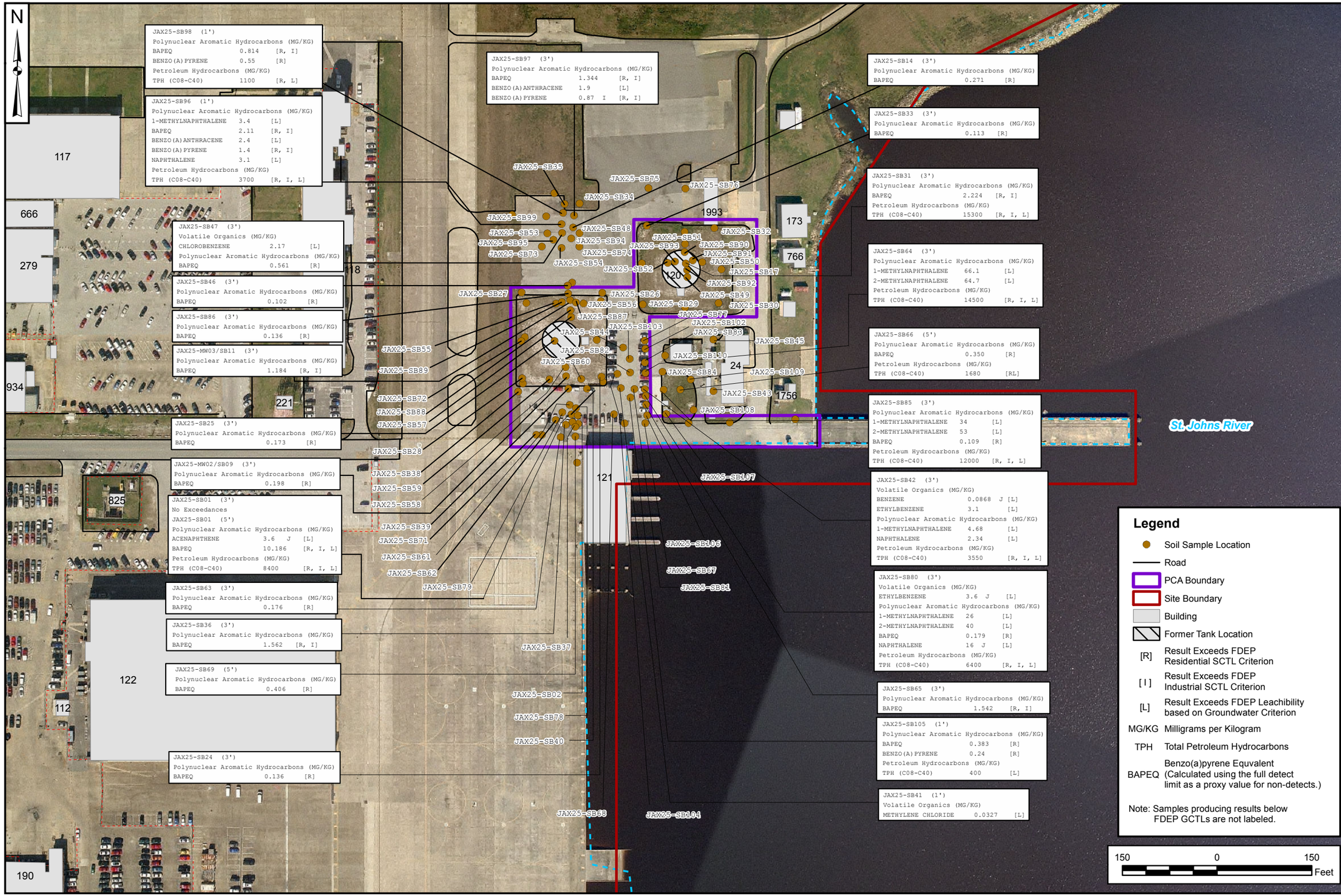
TABLE 3-3

SOIL ANALYTICAL RESULTS
SITE ASSESSMENT REPORT
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 16 OF 16

LOCATION	SCTLs			JAX25-SB106	JAX25-SB107	JAX25-SB108	JAX25-SB109	JAX25-SB110
SAMPLE ID				JAX-PCA25-SB106-03	JAX-PCA25-SB107-03	JAX-PCA25-SB108-03	JAX-PCA25-SB109-03	JAX-PCA25-SB110-03
TOP DEPTH				2.5	2.5	2.5	2.5	2.5
BOTTOM DEPTH	Direct Exposure	Direct Exposure	Leachability based	3	3	3	3	3
SAMPLE DATE	Residential Soil	Industrial Soil	on Groundwater	3/29/2007	3/29/2007	3/29/2007	3/29/2007	3/29/2007
Volatile Organics (mg/kg)								
BENZENE	1.2	1.7	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.0009 U
CHLOROBENZENE	120	650	1.3					
ETHYLBENZENE	1500	9200	0.6	0.001 U	0.0008 U	0.0009 U	0.0008 U	0.0008 U
M+P-XYLENES	NC	NC	NC	0.005 U	0.004 U	0.004 U	0.004 U	0.004 U
M-XYLENE	NC	NC	NC					
METHYLENE CHLORIDE	17	26	0.02					
O-XYLENE	NC	NC	NC	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
TOLUENE	7500	60000	0.5	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
TOTAL XYLENES	130	700	0.2	0.007 U	0.006 U	0.006 U	0.006 U	0.005 U
Semivolatile Organics (mg/kg)								
1-METHYLNAPHTHALENE	200	1800	3.1	0.011 U	0.01 U	0.01 U	0.01 U	0.01 U
2-METHYLNAPHTHALENE	210	2100	8.5	0.008 U	0.008 U	0.008 U	0.008 U	0.008 U
ACENAPHTHENE	2400	20000	2.1	0.007 U	0.007 U	0.006 U	0.006 U	0.006 U
ACENAPHTHYLENE	1800	20000	27	0.004 J	0.002 U	0.002 U	0.002 U	0.002 U
ANTHRACENE	21000	300000	2500	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
BENZO(A)ANTHRACENE	NC	NC	0.8	0.014 J	0.005 J	0.003 U	0.003 U	0.003 U
BENZO(A)PYRENE	0.1	0.7	8	0.018 J	0.004 J	0.003 U	0.003 U	0.003 U
BENZO(B)FLUORANTHENE	NC	NC	2.4	0.025	0.009 J	0.003 U	0.003 U	0.003 U
BENZO(G,H,I)PERYLENE	2500	52000	32000	0.019 J	0.004 U	0.003 U	0.003 U	0.008 J
BENZO(K)FLUORANTHENE	NC	NC	24	0.009 J	0.003 U	0.003 U	0.003 U	0.003 U
CHRYSENE	NC	NC	77	0.015 J	0.006 J	0.003 U	0.003 U	0.003 U
DIBENZO(A,H)ANTHRACENE	NC	NC	0.7	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
FLUORANTHENE	3200	59000	1200	0.029	0.005 J	0.004 U	0.004 U	0.004 U
FLUORENE	2600	33000	160	0.004 U	0.004 U	0.003 U	0.003 U	0.003 U
INDENO(1,2,3-CD)PYRENE	NC	NC	6.6	0.027	0.005 U	0.005 U	0.005 U	0.005 U
NAPHTHALENE	55	300	1.2	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
PHENANTHRENE	2200	36000	250	0.006 J	0.003 U	0.003 U	0.003 U	0.003 U
PYRENE	2400	45000	880	0.02 J	0.006 J	0.003 U	0.003 U	0.004 U
Petroleum Hydrocarbons (mg/kg)								
TOTAL PETROLEUM HYDROCARBONS	460	2700	340	14 U	12 U	6.1 U	6.4 U	7.8 U
Miscellaneous Parameters (%)								
PERCENT SOLIDS	NC	NC	NC	86	88	93	93	90

Notes:
FDEP = Florida Department of Environmental Protection
[R] = exceedance of Residential SCTL
[I] = exceedance of Industrial SCTL
[L] = exceedance of Leachability SCTL
J = Estimated Value
U = Analyte was below method detection limit
mg/kg = milligrams per kilogram

PGH P:\GIS\FACILITY\MAPDOCS\MXD\NAME.MXD DD/MM/YY GIS



CTO NUMBER 0003

CONTRACT NUMBER

APPROVED BY — DATE —

APPROVED BY — DATE —

FIGURE NO. 3-6

REV 0

SOIL EXCEEDANCES
PCA 25
NAS JACKSONVILLE
JACKSONVILLE, FLORIDA

NAVFAC

	DATE
DRAWN BY S. PAXTON	09/05/12
CHECKED BY D. HARDISON	09/05/12
REVISED BY J. NOVAK	09/05/12

SCALE AS NOTED

TABLE 3-4

GROUNDWATER ANALYTICAL RESULTS
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 1 OF 24

CAS No.	sample_id sample_date location_id project_no sample_coc coc_no duplicate	FDEP GCTL	JAX25-MW01-20051207 20051207 JAX25-MW01 00132_20051129 JAX-PCA25-MW01-12070		JAX25-MW01-20070705 20070705 JAX25-MW01 4258_20060302 JAX25-MW01-20070705 26097		JAX25-MW01-20080513 20080513 JAX25-MW01 00132_20051129 JAX-PCA25-MW01-051308 26293		JAX25-MW01-20080812 20080812 JAX25-MW01 00132_20081002 JAX25-MW012008081208 26350		JAX25-MW02-20051207 20051207 JAX25-MW02/SB09 00132_20051129 JAX-PCA25-MW02-12070	
	Volatile Organics (ug/L)											
71-55-6	1,1,1-TRICHLOROETHANE	200			0.3	U	0.17	U	0.21	U		
79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2			0.2	U	0.14	U	0.15	U		
79-00-5	1,1,2-TRICHLOROETHANE	5			0.3	U	0.21	U	0.21	U		
75-34-3	1,1-DICHLOROETHANE	70			0.2	U	0.23	U	0.56	U		
75-35-4	1,1-DICHLOROETHENE	7			0.2	U	0.27	U	0.16	U		
120-82-1	1,2,4-TRICHLOROBENZENE	70					0.97	U	0.3	U		
106-93-4	1,2-DIBROMOETHANE	0.02	0.005	U	0.01	U	0.007	U	0.007	U	0.005	U
95-50-1	1,2-DICHLOROBENZENE	600			0.2	U	0.34	U	0.17	U		
107-06-2	1,2-DICHLOROETHANE	3			0.1	U	0.18	U	0.15	U		
78-87-5	1,2-DICHLOROPROPANE	5			0.4	U	0.18	U	0.057	U		
541-73-1	1,3-DICHLOROBENZENE	210			0.2	U	0.34	U	0.14	U		
106-46-7	1,4-DICHLOROBENZENE	75			0.1	U	0.21	U	0.14	U		
110-75-8	2-CHLOROETHYL VINYL ETHER	NA			0.8	U	0.56	U	0.26	U		
71-43-2	**BENZENE**	1	0.3	U	0.2	U	0.2	U	0.52	U	0.3	U
75-27-4	BROMODICHLOROMETHANE	0.6			0.2	U	0.15	U	0.1	U		
75-25-2	BROMOFORM	4.4			0.2	U	0.24	U	0.12	U		
74-83-9	BROMOMETHANE	9.8			0.6	U	0.2	U	0.14	U		
56-23-5	CARBON TETRACHLORIDE	3			0.3	U	0.26	U	0.18	U		
108-90-7	CHLOROBENZENE	100			0.2	U	0.19	U	0.15	U		
124-48-1	CHLORODIBROMOMETHANE	0.4			0.2	U	0.25	U	0.11	U		
75-00-3	CHLOROETHANE	12			0.3	U	0.24	U	0.19	U		
67-66-3	CHLOROFORM	70			0.2	U	0.18	U	0.1	U		
74-87-3	CHLOROMETHANE	2.7			0.3	U	0.21	U	0.17	U		
156-59-2	CIS-1,2-DICHLOROETHENE	70			0.2	U	0.2	U	0.12	U		
10061-01-5	CIS-1,3-DICHLOROPROPENE	NA			0.1	U	0.14	U	0.12	U		
75-71-8	DICHLORODIFLUOROMETHANE	1400					0.25	U	0.23	U		
100-41-4	ETHYLBENZENE	30	0.2	U	0.3	U	0.2	U	0.1	U	0.2	U
TTNUS054	M+P-XYLENES	NA	0.5	U			0.47	U	0.22	U	0.5	U
1634-04-4	METHYL TERT-BUTYL ETHER	20	0.8	U	0.2	U	0.16	U	0.072	U	0.8	U
75-09-2	METHYLENE CHLORIDE	5			2	U	0.51	U	0.72	U		
95-47-6	O-XYLENE	NA	0.3	U			0.25	U	0.1	U	0.3	U
127-18-4	TETRACHLOROETHENE	3			0.3	U	0.44	U	0.22	U		
108-88-3	TOLUENE	40	0.2	U	0.2	U	0.45	U	0.52	U	0.2	U
1330-20-7	TOTAL XYLENES	20	0.8	U	0.3	U					0.8	U
156-60-5	TRANS-1,2-DICHLOROETHENE	100			0.2	U	0.22	U	0.13	U		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	NA			0.2	U	0.14	U	0.12	U		
79-01-6	TRICHLOROETHENE	3			0.3	U	0.23	U	0.15	U		
75-69-4	TRICHLOROFLUOROMETHANE	2100					0.26	U	0.25	U		
75-01-4	**VINYL CHLORIDE**	1			0.4	U	0.23	U	0.25	U		

TABLE 3-4

GROUNDWATER ANALYTICAL RESULTS
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 2 OF 24

CAS No.	sample_id sample_date location_id project_no sample_coc coc_no duplicate	FDEP GCTL	JAX25-MW01-20051207 20051207 JAX25-MW01 00132_20051129 JAX-PCA25-MW01-12070		JAX25-MW01-20070705 20070705 JAX25-MW01 4258_20060302 JAX25-MW01-20070705 26097		JAX25-MW01-20080513 20080513 JAX25-MW01 00132_20051129 JAX-PCA25-MW01-051308 26293		JAX25-MW01-20080812 20080812 JAX25-MW01 00132_20081002 JAX25-MW012008081208 26350		JAX25-MW02-20051207 20051207 JAX25-MW02/SB09 00132_20051129 JAX-PCA25-MW02-12070	
	PAHs (ug/L)											
90-12-0	**1-METHYLNAPHTHALENE**	28	0.1	U	0.02	U	0.037	U	0.019	U	0.1	U
91-57-6	**2-METHYLNAPHTHALENE**	28	0.06	U	0.02	U	0.038	U	0.021	U	0.06	U
83-32-9	ACENAPHTHENE	20	0.1	J	0.05	J	0.04	U	0.064	J	0.8	
208-96-8	ACENAPHTHYLENE	210	0.04	U	0.01	U	0.04	U	0.033	U	0.04	U
120-12-7	ANTHRACENE	2100	0.07	U	0.02	U	0.031	U	0.012	U	0.07	U
56-55-3	**BENZO(A)ANTHRACENE**	0.05	0.08	U	0.01	U	0.014	U	0.012	U	0.08	U
50-32-8	BENZO(A)PYRENE	0.2	0.08	U	0.01	U	0.014	U	0.013	U	0.08	U
205-99-2	**BENZO(B)FLUORANTHENE**	0.05	0.08	U	0.02	U	0.015	U	0.015	U	0.08	U
191-24-2	BENZO(G,H,I)PERYLENE	210	0.1	U	0.03	U	0.015	U	0.019	U	0.1	U
207-08-9	BENZO(K)FLUORANTHENE	0.5	0.1	U	0.02	U	0.015	U	0.02	U	0.1	U
218-01-9	CHRYSENE	4.8	0.05	U	0.02	U	0.011	U	0.012	U	0.05	U
53-70-3	DIBENZO(A,H)ANTHRACENE	0.005	0.1	U	0.02	U	0.015	U	0.017	U	0.1	U
206-44-0	FLUORANTHENE	280	0.07	U	0.03	U	0.022	U	0.016	U	0.07	U
86-73-7	FLUORENE	280	0.06	U	0.05	U	0.041	U	0.015	U	0.08	J
193-39-5	INDENO(1,2,3-CD)PYRENE	0.05	0.07	U	0.02	U	0.016	U	0.017	U	0.07	U
91-20-3	NAPHTHALENE	14	0.05	U	0.05	U	0.046	U	0.027	U	0.05	U
85-01-8	PHENANTHRENE	210	0.08	U	0.04	U	0.038	U	0.024	U	0.08	U
129-00-0	PYRENE	210	0.08	U	0.07	J	0.033	J	0.13		0.08	U
CALC055	BAP EQUIVALENT-HALFND	NA	0.08	U	0.01	U	0.014	U	0.013	U	0.08	U
	Inorganics (ug/L)											
7439-92-1	**LEAD**	15	0.32	U	2	U	10		0.2	U	0.57	U
	Petroleum Hydrocarbons (ug/L)											
TTNUS001	TOTAL PETROLEUM HYDROCARBONS	5000	530	U							430	U
TTNUS599	TPH (C08-C40)	5000			94	U	220	J	490			

Notes:
Bold/shaded indicates an exceedance of FDEP GCTLs.
U=Analyte not detected above laboratory Method Detection Limit (MDL)
J = Analyte was detected at an estimated concentration
ug/L = micrograms per liter
GCTL = Groundwater Cleanup Target Level as provided in Chapter 62-777 and Chapter 62-550, Florida Administrative Code.
TRPHs = Total Recoverable Petroleum Hydrocarbons

TABLE 3-4

GROUNDWATER ANALYTICAL RESULTS
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 3 OF 24

CAS No.	sample_id sample_date location_id project_no sample_coc coc_no duplicate	FDEP GCTL	JAX25-MW02-20070705 20070705 JAX25-MW02/SB09 4258_20060302 JAX25-MW02-20070705 26097		JAX25-MW02-20080513 20080513 JAX25-MW02/SB09 00132_20051129 JAX-PCA25-MW02-051308 26293		JAX25-MW02-20080812 20080812 JAX25-MW02/SB09 00132_20081002 JAX25-MW02-081208 26351		JAX25-MW03-20051207 20051207 JAX25-MW03/SB11 00132_20051129 JAX-PCA25-MW03-12070		JAX25-MW03-20070705 20070705 JAX25-MW03/SB11 4258_20060302 JAX25-MW03-20070705 26096	
	Volatile Organics (ug/L)											
71-55-6	1,1,1-TRICHLOROETHANE	200	0.3	U	0.17	U	0.21	U			0.3	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	0.2	U	0.14	U	0.15	U			0.2	U
79-00-5	1,1,2-TRICHLOROETHANE	5	0.3	U	0.21	U	0.21	U			0.3	U
75-34-3	1,1-DICHLOROETHANE	70	0.2	U	0.23	U	0.56	U			0.2	U
75-35-4	1,1-DICHLOROETHENE	7	0.2	U	0.27	U	0.16	U			0.2	U
120-82-1	1,2,4-TRICHLOROBENZENE	70			0.97	U	0.3	U				
106-93-4	1,2-DIBROMOETHANE	0.02	0.01	U	0.007	U	0.007	U	0.005	U	0.01	U
95-50-1	1,2-DICHLOROBENZENE	600	0.2	U	0.34	U	0.17	U			0.2	U
107-06-2	1,2-DICHLOROETHANE	3	0.1	U	0.18	U	0.15	U			0.1	U
78-87-5	1,2-DICHLOROPROPANE	5	0.4	U	0.18	U	0.057	U			0.4	U
541-73-1	1,3-DICHLOROBENZENE	210	0.2	U	0.34	U	0.14	U			0.2	U
106-46-7	1,4-DICHLOROBENZENE	75	0.1	U	0.21	U	0.14	U			0.1	U
110-75-8	2-CHLOROETHYL VINYL ETHER	NA	0.8	U	0.56	U	0.26	U			0.8	U
71-43-2	**BENZENE**	1	0.2	U	0.2	U	0.52	U	0.3	U	0.88	J
75-27-4	BROMODICHLOROMETHANE	0.6	0.2	U	0.15	U	0.1	U			0.2	U
75-25-2	BROMOFORM	4.4	0.2	U	0.24	U	0.12	U			0.2	U
74-83-9	BROMOMETHANE	9.8	0.6	U	0.2	U	0.14	U			0.6	U
56-23-5	CARBON TETRACHLORIDE	3	0.3	U	0.26	U	0.18	U			0.3	U
108-90-7	CHLOROBENZENE	100	0.2	U	0.19	U	0.15	U			0.2	U
124-48-1	CHLORODIBROMOMETHANE	0.4	0.2	U	0.25	U	0.11	U			0.2	U
75-00-3	CHLOROETHANE	12	0.3	U	0.24	U	0.19	U			0.3	U
67-66-3	CHLOROFORM	70	0.2	U	0.18	U	0.1	U			0.2	U
74-87-3	CHLOROMETHANE	2.7	0.3	U	0.21	U	0.17	U			0.3	U
156-59-2	CIS-1,2-DICHLOROETHENE	70	0.2	U	0.2	U	0.12	U			0.2	U
10061-01-5	CIS-1,3-DICHLOROPROPENE	NA	0.1	U	0.14	U	0.12	U			0.1	U
75-71-8	DICHLORODIFLUOROMETHANE	1400			0.25	U	0.23	U				
100-41-4	ETHYLBENZENE	30	0.3	U	0.2	U	0.1	U	4		3.9	
TTNUS054	M+P-XYLENES	NA			0.47	U	0.22	U	0.5	U		
1634-04-4	METHYL TERT-BUTYL ETHER	20	0.2	U	0.16	U	0.072	U	0.8	U	0.2	U
75-09-2	METHYLENE CHLORIDE	5	2	U	0.51	U	0.72	U			2	U
95-47-6	O-XYLENE	NA			0.25	U	0.1	U	0.3	U		
127-18-4	TETRACHLOROETHENE	3	0.3	U	0.44	U	0.22	U			0.3	U
108-88-3	TOLUENE	40	0.2	U	0.14	U	0.52	U	0.2	U	0.6	U
1330-20-7	TOTAL XYLENES	20	0.3	U					0.8	U	0.66	J
156-60-5	TRANS-1,2-DICHLOROETHENE	100	0.2	U	0.22	U	0.13	U			0.2	U
10061-02-6	TRANS-1,3-DICHLOROPROPENE	NA	0.2	U	0.14	U	0.12	U			0.2	U
79-01-6	TRICHLOROETHENE	3	0.3	U	0.23	U	0.15	U			0.3	U
75-69-4	TRICHLOROFLUOROMETHANE	2100			0.26	U	0.25	U				
75-01-4	**VINYL CHLORIDE**	1	0.4	U	0.23	U	0.25	U			0.4	U

TABLE 3-4

GROUNDWATER ANALYTICAL RESULTS
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 4 OF 24

CAS No.	sample_id sample_date location_id project_no sample_coc coc_no duplicate	FDEP GCTL	JAX25-MW02-20070705 20070705 JAX25-MW02/SB09 4258_20060302 JAX25-MW02-20070705 26097		JAX25-MW02-20080513 20080513 JAX25-MW02/SB09 00132_20051129 JAX-PCA25-MW02-051308 26293		JAX25-MW02-20080812 20080812 JAX25-MW02/SB09 00132_20081002 JAX25-MW02-081208 26351		JAX25-MW03-20051207 20051207 JAX25-MW03/SB11 00132_20051129 JAX-PCA25-MW03-12070		JAX25-MW03-20070705 20070705 JAX25-MW03/SB11 4258_20060302 JAX25-MW03-20070705 26096	
	PAHs (ug/L)											
90-12-0	**1-METHYLNAPHTHALENE**	28	0.02	U	0.04	U	0.019	U	0.5		0.15	J
91-57-6	**2-METHYLNAPHTHALENE**	28	0.02	U	0.041	U	0.021	U	1		0.35	J
83-32-9	ACENAPHTHENE	20	0.47	J	0.42		0.32		0.4		0.06	J
208-96-8	ACENAPHTHYLENE	210	0.01	U	0.043	U	0.033	U	0.04	U	0.01	U
120-12-7	ANTHRACENE	2100	0.02	U	0.033	U	0.012	U	0.07	U	0.02	U
56-55-3	**BENZO(A)ANTHRACENE**	0.05	0.01	U	0.015	U	0.012	U	0.08	U	0.01	U
50-32-8	BENZO(A)PYRENE	0.2	0.01	U	0.015	U	0.013	U	0.08	U	0.01	U
205-99-2	**BENZO(B)FLUORANTHENE**	0.05	0.02	U	0.016	U	0.015	U	0.08	U	0.02	U
191-24-2	BENZO(G,H,I)PERYLENE	210	0.03	U	0.016	U	0.019	U	0.1	U	0.03	U
207-08-9	BENZO(K)FLUORANTHENE	0.5	0.02	U	0.016	U	0.02	U	0.1	U	0.02	U
218-01-9	CHRYSENE	4.8	0.02	U	0.012	U	0.012	U	0.05	U	0.02	U
53-70-3	DIBENZO(A,H)ANTHRACENE	0.005	0.02	U	0.016	U	0.017	U	0.1	U	0.02	U
206-44-0	FLUORANTHENE	280	0.03	U	0.024	U	0.016	U	0.07	U	0.03	U
86-73-7	FLUORENE	280	0.05	U	0.044	U	0.015	U	0.2		0.05	U
193-39-5	INDENO(1,2,3-CD)PYRENE	0.05	0.02	U	0.017	U	0.017	U	0.07	U	0.02	U
91-20-3	NAPHTHALENE	14	0.05	U	0.05	U	0.027	U	4		1.9	J
85-01-8	PHENANTHRENE	210	0.04	U	0.041	U	0.024	U	0.3	U	0.05	J
129-00-0	PYRENE	210	0.03	U	0.023	U	0.014	U	0.08	U	0.03	U
CALC055	BAP EQUIVALENT-HALFND	NA	0.01	U	0.015	U	0.013	U	0.08	U	0.01	U
	Inorganics (ug/L)											
7439-92-1	**LEAD**	15	2	U	0.2	U	0.6		12.2		**29.0 [G]**	
	Petroleum Hydrocarbons (ug/L)											
TTNUS001	TOTAL PETROLEUM HYDROCARBONS	5000							3600			
TTNUS599	TPH (C08-C40)	5000	815	J	66	U	62	U			4810	J

Notes:
Bold/shaded indicates an exceedance of FDEP GCTLs.
U=Analyte not detected above laboratory Method Detection Limit (MDL)
J = Analyte was detected at an estimated concentration
ug/L = micrograms per liter
GCTL = Groundwater Cleanup Target Level as provided in Chapter 62-777 and Chapter 62-550, Florida Administrative Code.
TRPHs = Total Recoverable Petroleum Hydrocarbons

TABLE 3-4

GROUNDWATER ANALYTICAL RESULTS
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 5 OF 24

CAS No.	sample_id sample_date location_id project_no sample_coc coc_no duplicate	FDEP GCTL	JAX25-MW03-20080513 20080513 JAX25-MW03/SB11 00132_20051129 JAX-PCA25-MW03-051308 26293		JAX25-MW03-20080812 20080812 JAX25-MW03/SB11 00132_20081002 JAX25-MW03-081208 26351		JAX25-MW03-20081112 20081112 JAX25-MW03/SB11 00132_20081222 JAX25-MW03-111208 2340		JAX25-MW04-20051207 20051207 JAX25-MW04 00132_20051129 JAX-PCA25-MW04-12070		JAX25-MW04-20070705 20070705 JAX25-MW04 4258_20060302 JAX25-MW04-20070705 26096	
	Volatile Organics (ug/L)											
71-55-6	1,1,1-TRICHLOROETHANE	200	0.17	U	0.21	U	0.21	U			0.3	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	0.14	U	0.15	U	0.15	U			0.2	U
79-00-5	1,1,2-TRICHLOROETHANE	5	0.21	U	0.21	U	0.21	U			0.3	U
75-34-3	1,1-DICHLOROETHANE	70	0.23	U	0.56	U	0.56	U			0.2	U
75-35-4	1,1-DICHLOROETHENE	7	0.27	U	0.16	U	0.16	U			0.2	U
120-82-1	1,2,4-TRICHLOROBENZENE	70	0.97	U	0.3	U	0.3	U				
106-93-4	1,2-DIBROMOETHANE	0.02	0.007	U	0.007	U	0.007	U	0.005	U	0.01	U
95-50-1	1,2-DICHLOROBENZENE	600	0.34	U	0.17	U	0.17	U			0.2	U
107-06-2	1,2-DICHLOROETHANE	3	0.18	U	0.15	U	0.15	U			0.1	U
78-87-5	1,2-DICHLOROPROPANE	5	0.18	U	0.057	U	0.057	U			0.4	U
541-73-1	1,3-DICHLOROBENZENE	210	0.34	U	0.14	U	0.14	U			0.2	U
106-46-7	1,4-DICHLOROBENZENE	75	0.21	U	0.14	U	0.14	U			0.1	U
110-75-8	2-CHLOROETHYL VINYL ETHER	NA	0.56	U	0.26	U	0.26	U			0.8	U
71-43-2	**BENZENE**	1	0.52	J	0.52	U	0.52	U	0.3	U	0.2	U
75-27-4	BROMODICHLOROMETHANE	0.6	0.15	U	0.1	U	0.1	U			0.2	U
75-25-2	BROMOFORM	4.4	0.24	U	0.12	U	0.12	U			0.2	U
74-83-9	BROMOMETHANE	9.8	0.2	U	0.14	U	0.14	U			0.6	U
56-23-5	CARBON TETRACHLORIDE	3	0.26	U	0.18	U	0.18	U			0.3	U
108-90-7	CHLOROBENZENE	100	0.19	U	0.15	U	0.15	U			0.2	U
124-48-1	CHLORODIBROMOMETHANE	0.4	0.25	U	0.11	U	0.11	U			0.2	U
75-00-3	CHLOROETHANE	12	0.24	U	0.19	U	0.19	U			0.3	U
67-66-3	CHLOROFORM	70	0.18	U	0.1	U	0.1	U			0.2	U
74-87-3	CHLOROMETHANE	2.7	0.21	U	0.17	U	0.17	U			0.3	U
156-59-2	CIS-1,2-DICHLOROETHENE	70	0.2	U	0.12	U	0.12	U			0.2	U
10061-01-5	CIS-1,3-DICHLOROPROPENE	NA	0.14	U	0.12	U	0.12	U			0.1	U
75-71-8	DICHLORODIFLUOROMETHANE	1400	0.25	U	0.23	U	0.23	U				
100-41-4	ETHYLBENZENE	30	5.9		3.5		4.6		1		0.35	J
TTNUS054	M+P-XYLENES	NA	1.3	J	0.22	U	0.34	J	0.5	U		
1634-04-4	METHYL TERT-BUTYL ETHER	20	0.16	U	0.072	U	0.072	U	0.8	U	0.2	U
75-09-2	METHYLENE CHLORIDE	5	0.51	U	0.72	U	0.72	U			2	U
95-47-6	O-XYLENE	NA	0.67	J	0.1	U	0.1	U	0.3	U		
127-18-4	TETRACHLOROETHENE	3	0.44	U	0.22	U	0.22	U			0.3	U
108-88-3	TOLUENE	40	1.6	U	0.52	U	0.52	U	0.2	U	0.2	U
1330-20-7	TOTAL XYLENES	20							0.8	U	0.3	U
156-60-5	TRANS-1,2-DICHLOROETHENE	100	0.22	U	0.13	U	0.13	U			0.2	U
10061-02-6	TRANS-1,3-DICHLOROPROPENE	NA	0.14	U	0.12	U	0.12	U			0.2	U
79-01-6	TRICHLOROETHENE	3	0.23	U	0.15	U	0.15	U			0.3	U
75-69-4	TRICHLOROFLUOROMETHANE	2100	0.26	U	0.25	U	0.25	U				
75-01-4	**VINYL CHLORIDE**	1	0.23	U	0.25	U	0.25	U			0.4	U

TABLE 3-4

GROUNDWATER ANALYTICAL RESULTS
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 6 OF 24

CAS No.	sample_id sample_date location_id project_no sample_coc coc_no duplicate	FDEP GCTL	JAX25-MW03-20080513 20080513 JAX25-MW03/SB11 00132_20051129 JAX-PCA25-MW03-051308 26293		JAX25-MW03-20080812 20080812 JAX25-MW03/SB11 00132_20081002 JAX25-MW03-081208 26351		JAX25-MW03-20081112 20081112 JAX25-MW03/SB11 00132_20081222 JAX25-MW03-111208 2340		JAX25-MW04-20051207 20051207 JAX25-MW04 00132_20051129 JAX-PCA25-MW04-12070		JAX25-MW04-20070705 20070705 JAX25-MW04 4258_20060302 JAX25-MW04-20070705 26096	
	PAHs (ug/L)											
90-12-0	**1-METHYLNAPHTHALENE**	28	0.17		0.07	J	0.11		0.1	J	0.04	J
91-57-6	**2-METHYLNAPHTHALENE**	28	0.42		0.16		0.27		0.3		0.06	J
83-32-9	ACENAPHTHENE	20	0.084	J	0.028	J	0.044	J	0.08	U	0.02	U
208-96-8	ACENAPHTHYLENE	210	0.043	U	0.033	U	0.033	U	0.04	U	0.01	U
120-12-7	ANTHRACENE	2100	0.033	U	0.012	U	0.012	U	0.07	U	0.02	U
56-55-3	**BENZO(A)ANTHRACENE**	0.05	0.015	U	0.012	U	0.012	U	0.08	U	0.01	U
50-32-8	BENZO(A)PYRENE	0.2	0.015	U	0.013	U	0.013	U	0.08	U	0.01	U
205-99-2	**BENZO(B)FLUORANTHENE**	0.05	0.016	U	0.015	U	0.015	U	0.08	U	0.02	U
191-24-2	BENZO(G,H,I)PERYLENE	210	0.016	U	0.019	U	0.019	U	0.1	U	0.03	U
207-08-9	BENZO(K)FLUORANTHENE	0.5	0.016	U	0.02	U	0.02	U	0.1	U	0.02	U
218-01-9	CHRYSENE	4.8	0.012	U	0.012	U	0.012	U	0.05	U	0.02	U
53-70-3	DIBENZO(A,H)ANTHRACENE	0.005	0.016	U	0.017	U	0.017	U	0.1	U	0.02	U
206-44-0	FLUORANTHENE	280	0.024	U	0.016	U	0.016	U	0.07	U	0.03	U
86-73-7	FLUORENE	280	0.052	J	0.015	U	0.015	U	0.06	U	0.05	U
193-39-5	INDENO(1,2,3-CD)PYRENE	0.05	0.017	U	0.017	U	0.017	U	0.07	U	0.02	U
91-20-3	NAPHTHALENE	14	2.3		1.1		1.4		2		0.28	J
85-01-8	PHENANTHRENE	210	0.06	J	0.024	U	0.033	J	0.08	U	0.04	U
129-00-0	PYRENE	210	0.023	U	0.014	U	0.014	U	0.08	U	0.03	U
CALC055	BAP EQUIVALENT-HALFND	NA	0.015	U	0.013	U	0.013	U	0.08	U	0.01	U
	Inorganics (ug/L)											
7439-92-1	**LEAD**	15	**20.0 [G]**		9.9		14		2		2	U
	Petroleum Hydrocarbons (ug/L)											
TTNUS001	TOTAL PETROLEUM HYDROCARBONS	5000							1800			
TTNUS599	TPH (C08-C40)	5000	1500		1400		900	U			470	U

Notes:
Bold/shaded indicates an exceedance of FDEP GCTLs.
U=Analyte not detected above laboratory Method Detection Limit (MDL)
J = Analyte was detected at an estimated concentration
ug/L = micrograms per liter
GCTL = Groundwater Cleanup Target Level as provided in Chapter 62-777 and Chapter 62-550, Florida Administrative Code.
TRPHs = Total Recoverable Petroleum Hydrocarbons

TABLE 3-4

GROUNDWATER ANALYTICAL RESULTS
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 7 OF 24

CAS No.	sample_id sample_date location_id project_no sample_coc coc_no duplicate	FDEP GCTL	JAX25-MW04-20080513 20080513 JAX25-MW04 00132_20051129 JAX-PCA25-MW04-051308 26293		JAX25-MW04-20080812 20080812 JAX25-MW04 00132_20081002 JAX25-MW04-081208 26351		JAX25-MW05-20051206 20051206 JAX25-MW05/SB08 00132_20051129 JAX-PCA25-MW05-12060		JAX25-MW05-20070706 20070706 JAX25-MW05/SB08 4258_20060302 JAX25-MW05-20070706 26098		JAX25-MW05-20080514 20080514 JAX25-MW05/SB08 00132_20051129 JAX-PCA25-MW05-051408 26294	
	Volatile Organics (ug/L)											
71-55-6	1,1,1-TRICHLOROETHANE	200	0.17	U	0.21	U			0.3	U	0.17	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	0.14	U	0.15	U			0.2	U	0.14	U
79-00-5	1,1,2-TRICHLOROETHANE	5	0.21	U	0.21	U			0.3	U	0.21	U
75-34-3	1,1-DICHLOROETHANE	70	0.23	U	0.56	U			0.2	U	0.23	U
75-35-4	1,1-DICHLOROETHENE	7	0.27	U	0.16	U			0.2	U	0.27	U
120-82-1	1,2,4-TRICHLOROBENZENE	70	0.97	U	0.3	U					0.97	U
106-93-4	1,2-DIBROMOETHANE	0.02	0.007	U	0.007	U	0.005	U	0.01	U	0.007	U
95-50-1	1,2-DICHLOROBENZENE	600	0.34	U	0.17	U			0.2	U	0.34	U
107-06-2	1,2-DICHLOROETHANE	3	0.18	U	0.15	U			0.1	U	0.18	U
78-87-5	1,2-DICHLOROPROPANE	5	0.18	U	0.057	U			0.4	U	0.18	U
541-73-1	1,3-DICHLOROBENZENE	210	0.34	U	0.14	U			0.2	U	0.34	U
106-46-7	1,4-DICHLOROBENZENE	75	0.21	U	0.14	U			0.1	U	0.21	U
110-75-8	2-CHLOROETHYL VINYL ETHER	NA	0.56	U	0.26	U			0.8	U	0.56	U
71-43-2	**BENZENE**	1	0.2	U	0.52	U	0.3	U	0.2	U	0.2	U
75-27-4	BROMODICHLOROMETHANE	0.6	0.15	U	0.1	U			0.2	U	0.15	U
75-25-2	BROMOFORM	4.4	0.24	U	0.12	U			0.2	U	0.24	U
74-83-9	BROMOMETHANE	9.8	0.2	U	0.14	U			0.6	U	0.2	U
56-23-5	CARBON TETRACHLORIDE	3	0.26	U	0.18	U			0.3	U	0.26	U
108-90-7	CHLOROBENZENE	100	0.19	U	0.15	U			0.2	U	0.19	U
124-48-1	CHLORODIBROMOMETHANE	0.4	0.25	U	0.11	U			0.2	U	0.25	U
75-00-3	CHLOROETHANE	12	0.24	U	0.19	U			0.3	U	0.24	U
67-66-3	CHLOROFORM	70	0.18	U	0.1	U			0.2	U	0.18	U
74-87-3	CHLOROMETHANE	2.7	0.21	U	0.17	U			0.3	U	0.21	U
156-59-2	CIS-1,2-DICHLOROETHENE	70	0.2	U	0.12	U			1.6		0.67	J
10061-01-5	CIS-1,3-DICHLOROPROPENE	NA	0.14	U	0.12	U			0.1	U	0.14	U
75-71-8	DICHLORODIFLUOROMETHANE	1400	0.25	U	0.23	U					0.25	U
100-41-4	ETHYLBENZENE	30	0.2	U	0.1	U	0.2	U	0.3	U	0.2	U
TTNUS054	M+P-XYLENES	NA	0.47	U	0.22	U	0.5	U			0.47	U
1634-04-4	METHYL TERT-BUTYL ETHER	20	0.16	U	0.072	U	0.8	U	0.2	U	0.16	U
75-09-2	METHYLENE CHLORIDE	5	0.51	U	0.72	U			2	U	0.51	U
95-47-6	O-XYLENE	NA	0.25	U	0.1	U	0.3	U			0.25	U
127-18-4	TETRACHLOROETHENE	3	0.44	U	0.22	U			0.3	U	0.44	U
108-88-3	TOLUENE	40	0.14	U	0.52	U	0.2	U	0.5	U	0.14	U
1330-20-7	TOTAL XYLENES	20					0.8	U	0.3	U		
156-60-5	TRANS-1,2-DICHLOROETHENE	100	0.22	U	0.13	U			2.3		0.85	J
10061-02-6	TRANS-1,3-DICHLOROPROPENE	NA	0.14	U	0.12	U			0.2	U	0.14	U
79-01-6	TRICHLOROETHENE	3	0.23	U	0.15	U			0.3	U	0.23	U
75-69-4	TRICHLOROFLUOROMETHANE	2100	0.26	U	0.25	U					0.26	U
75-01-4	**VINYL CHLORIDE**	1	0.23	U	0.25	U			0.4	U	0.98	J

TABLE 3-4

GROUNDWATER ANALYTICAL RESULTS
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 8 OF 24

CAS No.	sample_id sample_date location_id project_no sample_coc coc_no duplicate	FDEP GCTL	JAX25-MW04-20080513 20080513 JAX25-MW04 00132_20051129 JAX-PCA25-MW04-051308 26293		JAX25-MW04-20080812 20080812 JAX25-MW04 00132_20081002 JAX25-MW04-081208 26351		JAX25-MW05-20051206 20051206 JAX25-MW05/SB08 00132_20051129 JAX-PCA25-MW05-12060		JAX25-MW05-20070706 20070706 JAX25-MW05/SB08 4258_20060302 JAX25-MW05-20070706 26098		JAX25-MW05-20080514 20080514 JAX25-MW05/SB08 00132_20051129 JAX-PCA25-MW05-051408 26294	
	PAHs (ug/L)											
90-12-0	**1-METHYLNAPHTHALENE**	28	0.039	U	0.019	U	0.1	U	0.02	U	0.037	U
91-57-6	**2-METHYLNAPHTHALENE**	28	0.04	U	0.037	J	0.06	U	0.02	U	0.038	U
83-32-9	ACENAPHTHENE	20	0.043	U	0.017	U	0.3		1.6		0.04	U
208-96-8	ACENAPHTHYLENE	210	0.043	U	0.033	U	0.04	U	0.01	U	0.04	U
120-12-7	ANTHRACENE	2100	0.033	U	0.012	U	0.07	U	0.07	J	0.03	U
56-55-3	**BENZO(A)ANTHRACENE**	0.05	0.015	U	0.012	U	0.08	U	0.01	U	0.014	U
50-32-8	BENZO(A)PYRENE	0.2	0.015	U	0.013	U	0.08	U	0.01	U	0.014	U
205-99-2	**BENZO(B)FLUORANTHENE**	0.05	0.016	U	0.015	U	0.08	U	0.02	U	0.015	U
191-24-2	BENZO(G,H,I)PERYLENE	210	0.016	U	0.019	U	0.1	U	0.03	U	0.015	U
207-08-9	BENZO(K)FLUORANTHENE	0.5	0.016	U	0.02	U	0.1	U	0.02	U	0.015	U
218-01-9	CHRYSENE	4.8	0.012	U	0.012	U	0.05	U	0.02	U	0.011	U
53-70-3	DIBENZO(A,H)ANTHRACENE	0.005	0.016	U	0.017	U	0.1	U	0.02	U	0.015	U
206-44-0	FLUORANTHENE	280	0.024	U	0.016	U	0.07	U	0.03	U	0.022	U
86-73-7	FLUORENE	280	0.044	U	0.015	U	0.06	U	0.39	J	0.041	U
193-39-5	INDENO(1,2,3-CD)PYRENE	0.05	0.017	U	0.017	U	0.07	U	0.02	U	0.016	U
91-20-3	NAPHTHALENE	14	0.17		0.22		0.05	U	0.05	U	0.046	U
85-01-8	PHENANTHRENE	210	0.04	U	0.024	U	0.08	U	0.1	J	0.038	U
129-00-0	PYRENE	210	0.023	U	0.014	U	0.2	U	0.54	J	0.021	U
CALC055	BAP EQUIVALENT-HALFND	NA	0.015	U	0.013	U	0.08	U	0.01	U	0.014	U
	Inorganics (ug/L)											
7439-92-1	**LEAD**	15	1.4		0.7		0.22	U	2	U	0.2	U
	Petroleum Hydrocarbons (ug/L)											
TTNUS001	TOTAL PETROLEUM HYDROCARBONS	5000					280	J				
TTNUS599	TPH (C08-C40)	5000	300	J	740				94	U	210	J

Notes:
Bold/shaded indicates an exceedance of FDEP GCTLs.
U=Analyte not detected above laboratory Method Detection Limit (MDL)
J = Analyte was detected at an estimated concentration
ug/L = micrograms per liter
GCTL = Groundwater Cleanup Target Level as provided in Chapter 62-777 and Chapter 62-550, Florida Administrative Code.
TRPHs = Total Recoverable Petroleum Hydrocarbons

TABLE 3-4

GROUNDWATER ANALYTICAL RESULTS
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 9 OF 24

CAS No.	sample_id sample_date location_id project_no sample_coc coc_no duplicate	FDEP GCTL	JAX25-MW07-20051206 20051206 JAX25-MW07 00132_20051129 JAX-PCA25-MW07-12060		JAX25-MW07-20070705 20070705 JAX25-MW07 4258_20060302 JAX25-MW07-20070705 26097		JAX25-MW07-20080514 20080514 JAX25-MW07 00132_20051129 JAX-PCA25-MW07-051408 26294		JAX25-MW07-20080813 20080813 JAX25-MW07 00132_20081002 JAX25-MW07-081308 26351		JAX25-MW09-20051207 20051207 JAX25-MW09 00132_20051129 JAX-PCA25-MW09-12070	
	Volatile Organics (ug/L)											
71-55-6	1,1,1-TRICHLOROETHANE	200			0.3	U	0.17	U	0.21	U		
79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2			0.2	U	0.14	U	0.15	U		
79-00-5	1,1,2-TRICHLOROETHANE	5			0.3	U	0.21	U	0.21	U		
75-34-3	1,1-DICHLOROETHANE	70			0.2	U	0.23	U	0.56	U		
75-35-4	1,1-DICHLOROETHENE	7			0.2	U	0.27	U	0.16	U		
120-82-1	1,2,4-TRICHLOROBENZENE	70					0.97	U	0.3	U		
106-93-4	1,2-DIBROMOETHANE	0.02	0.005	U	0.01	U	0.007	U	0.007	U	0.0051	U
95-50-1	1,2-DICHLOROBENZENE	600			0.2	U	0.34	U	0.17	U		
107-06-2	1,2-DICHLOROETHANE	3			0.1	U	0.18	U	0.15	U		
78-87-5	1,2-DICHLOROPROPANE	5			0.4	U	0.18	U	0.057	U		
541-73-1	1,3-DICHLOROBENZENE	210			0.2	U	0.34	U	0.14	U		
106-46-7	1,4-DICHLOROBENZENE	75			0.1	U	0.21	U	0.14	U		
110-75-8	2-CHLOROETHYL VINYL ETHER	NA			0.8	U	0.56	U	0.26	U		
71-43-2	**BENZENE**	1	0.3	U	0.2	U	0.2	U	0.52	U	0.7	J
75-27-4	BROMODICHLOROMETHANE	0.6			0.2	U	0.15	U	0.1	U		
75-25-2	BROMOFORM	4.4			0.2	U	0.24	U	0.12	U		
74-83-9	BROMOMETHANE	9.8			0.6	U	0.2	U	0.14	U		
56-23-5	CARBON TETRACHLORIDE	3			0.3	U	0.26	U	0.18	U		
108-90-7	CHLOROBENZENE	100			0.2	U	0.19	U	0.15	U		
124-48-1	CHLORODIBROMOMETHANE	0.4			0.2	U	0.25	U	0.11	U		
75-00-3	CHLOROETHANE	12			0.3	U	0.24	U	0.19	U		
67-66-3	CHLOROFORM	70			0.2	U	0.18	U	0.1	U		
74-87-3	CHLOROMETHANE	2.7			0.3	U	0.21	U	0.17	U		
156-59-2	CIS-1,2-DICHLOROETHENE	70			0.3	J	0.2	U	0.12	U		
10061-01-5	CIS-1,3-DICHLOROPROPENE	NA			0.1	U	0.14	U	0.12	U		
75-71-8	DICHLORODIFLUOROMETHANE	1400					0.25	U	0.23	U		
100-41-4	ETHYLBENZENE	30	0.2	U	0.3	U	0.2	U	0.1	U	0.8	J
TTNUS054	M+P-XYLENES	NA	0.5	U			0.47	U	0.22	U	0.5	U
1634-04-4	METHYL TERT-BUTYL ETHER	20	0.8	U	0.2	U	0.16	U	0.072	U	0.8	U
75-09-2	METHYLENE CHLORIDE	5			2	U	0.51	U	0.72	U		
95-47-6	O-XYLENE	NA	0.3	U			0.25	U	0.1	U	0.3	U
127-18-4	TETRACHLOROETHENE	3			0.3	U	0.44	U	0.22	U		
108-88-3	TOLUENE	40	0.2	U	0.2	U	0.14	U	0.52	U	0.2	U
1330-20-7	TOTAL XYLENES	20	0.8	U	0.3	U					0.8	U
156-60-5	TRANS-1,2-DICHLOROETHENE	100			0.2	U	0.22	U	0.13	U		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	NA			0.2	U	0.14	U	0.12	U		
79-01-6	TRICHLOROETHENE	3			0.3	U	0.23	U	0.15	U		
75-69-4	TRICHLOROFLUOROMETHANE	2100					0.26	U	0.25	U		
75-01-4	**VINYL CHLORIDE**	1			0.4	U	0.23	U	0.25	U		

TABLE 3-4

GROUNDWATER ANALYTICAL RESULTS
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 10 OF 24

CAS No.	sample_id sample_date location_id project_no sample_coc coc_no duplicate	FDEP GCTL	JAX25-MW07-20051206 20051206 JAX25-MW07 00132_20051129 JAX-PCA25-MW07-12060		JAX25-MW07-20070705 20070705 JAX25-MW07 4258_20060302 JAX25-MW07-20070705 26097		JAX25-MW07-20080514 20080514 JAX25-MW07 00132_20051129 JAX-PCA25-MW07-051408 26294		JAX25-MW07-20080813 20080813 JAX25-MW07 00132_20081002 JAX25-MW07-081308 26351		JAX25-MW09-20051207 20051207 JAX25-MW09 00132_20051129 JAX-PCA25-MW09-12070	
	PAHs (ug/L)											
90-12-0	**1-METHYLNAPHTHALENE**	28	0.1	U	0.02	U	0.037	U	0.019	U	**63 [G]**	
91-57-6	**2-METHYLNAPHTHALENE**	28	0.06	U	0.02	U	0.038	U	0.021	U	**40 [G]**	
83-32-9	ACENAPHTHENE	20	1		1.2		0.18		0.74		1	
208-96-8	ACENAPHTHYLENE	210	0.04	U	0.01	U	0.04	U	0.033	U	0.04	U
120-12-7	ANTHRACENE	2100	0.07	U	0.02	U	0.031	U	0.012	U	0.3	U
56-55-3	**BENZO(A)ANTHRACENE**	0.05	0.08	U	0.04	J	0.014	U	0.012	U	0.08	U
50-32-8	BENZO(A)PYRENE	0.2	0.08	U	0.01	U	0.014	U	0.013	U	0.08	U
205-99-2	**BENZO(B)FLUORANTHENE**	0.05	0.08	U	0.02	U	0.015	U	0.015	U	0.08	U
191-24-2	BENZO(G,H,I)PERYLENE	210	0.1	U	0.03	U	0.015	U	0.019	U	0.1	U
207-08-9	BENZO(K)FLUORANTHENE	0.5	0.1	U	0.02	U	0.015	U	0.02	U	0.1	U
218-01-9	CHRYSENE	4.8	0.05	U	0.02	U	0.011	U	0.012	U	0.05	U
53-70-3	DIBENZO(A,H)ANTHRACENE	0.005	0.1	U	0.02	U	0.015	U	0.017	U	0.1	U
206-44-0	FLUORANTHENE	280	0.2	U	0.08	J	0.022	U	0.016	U	0.7	U
86-73-7	FLUORENE	280	0.06	U	0.05	U	0.041	U	0.015	U	1	
193-39-5	INDENO(1,2,3-CD)PYRENE	0.05	0.07	U	0.02	U	0.016	U	0.017	U	0.07	U
91-20-3	NAPHTHALENE	14	0.05	U	0.05	U	0.046	U	0.027	U	0.3	
85-01-8	PHENANTHRENE	210	0.08	U	0.04	J	0.038	U	0.024	U	1	U
129-00-0	PYRENE	210	0.4	U	0.6	J	0.031	J	0.38		0.3	U
CALC055	BAP EQUIVALENT-HALFND	NA	0.08	U	0.0211		0.014	U	0.013	U	0.08	U
	Inorganics (ug/L)											
7439-92-1	**LEAD**	15	0.15	U	2	U	0.2	U	0.4		0.35	U
	Petroleum Hydrocarbons (ug/L)											
TTNUS001	TOTAL PETROLEUM HYDROCARBONS	5000	360	J							2100	
TTNUS599	TPH (C08-C40)	5000			188	J	250	J	62	U		

Notes:
Bold/shaded indicates an exceedance of FDEP GCTLs.
U=Analyte not detected above laboratory Method Detection Limit (MDL)
J = Analyte was detected at an estimated concentration
ug/L = micrograms per liter
GCTL = Groundwater Cleanup Target Level as provided in Chapter 62-777 and Chapter 62-550, Florida Administrative Code.
TRPHs = Total Recoverable Petroleum Hydrocarbons

TABLE 3-4

GROUNDWATER ANALYTICAL RESULTS
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 11 OF 24

CAS No.	sample_id sample_date location_id project_no sample_coc coc_no duplicate	FDEP GCTL	JAX25-MW09-20070706 20070706 JAX25-MW09 4258_20060302 JAX25-MW09-20070706 26098		JAX25-MW09-20070706-AVG 20070706 JAX25-MW09 4258_20060302 JAX25-MW09-20070706-AVG 26098		JAX25-MW09-20070706-D 20070706 JAX25-MW09 4258_20060302 JAX25-DUP-20070706 26098 JAX25-MW09-20070706		JAX25-MW09-20080514 20080514 JAX25-MW09 00132_20051129 JAX-PCA25-MW09-051408 26294		JAX25-MW09-20080813 20080813 JAX25-MW09 00132_20081002 JAX25-MW09-081308 26351	
	Volatile Organics (ug/L)											
71-55-6	1,1,1-TRICHLOROETHANE	200	0.3	U	0.3	U	0.3	U	0.17	U	0.21	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	0.2	U	0.2	U	0.2	U	0.14	U	0.15	U
79-00-5	1,1,2-TRICHLOROETHANE	5	0.3	U	0.3	U	0.3	U	0.21	U	0.21	U
75-34-3	1,1-DICHLOROETHANE	70	0.2	U	0.2	U	0.2	U	0.23	U	0.56	U
75-35-4	1,1-DICHLOROETHENE	7	0.2	U	0.2	U	0.2	U	0.27	U	0.16	U
120-82-1	1,2,4-TRICHLOROBENZENE	70							0.97	U	0.3	U
106-93-4	1,2-DIBROMOETHANE	0.02	0.01	U	0.01	U	0.01	U	0.007	U	0.007	U
95-50-1	1,2-DICHLOROBENZENE	600	0.2	U	0.2	U	0.2	U	0.34	U	0.17	U
107-06-2	1,2-DICHLOROETHANE	3	0.1	U	0.1	U	0.1	U	0.18	U	0.15	U
78-87-5	1,2-DICHLOROPROPANE	5	0.4	U	0.4	U	0.4	U	0.18	U	0.057	U
541-73-1	1,3-DICHLOROBENZENE	210	0.2	U	0.2	U	0.2	U	0.34	U	0.14	U
106-46-7	1,4-DICHLOROBENZENE	75	0.1	U	0.1	U	0.1	U	0.21	U	0.14	U
110-75-8	2-CHLOROETHYL VINYL ETHER	NA	0.8	U	0.8	U	0.8	U	0.56	U	0.26	U
71-43-2	**BENZENE**	1	0.54	J	0.535	J	0.53	J	0.2	U	**1.2 [G]**	
75-27-4	BROMODICHLOROMETHANE	0.6	0.2	U	0.2	U	0.2	U	0.15	U	0.1	U
75-25-2	BROMOFORM	4.4	0.2	U	0.2	U	0.2	U	0.24	U	0.12	U
74-83-9	BROMOMETHANE	9.8	0.6	U	0.6	U	0.6	U	0.2	U	0.14	U
56-23-5	CARBON TETRACHLORIDE	3	0.3	U	0.3	U	0.3	U	0.26	U	0.18	U
108-90-7	CHLOROBENZENE	100	0.2	U	0.2	U	0.2	U	0.19	U	0.15	U
124-48-1	CHLORODIBROMOMETHANE	0.4	0.2	U	0.2	U	0.2	U	0.25	U	0.11	U
75-00-3	CHLOROETHANE	12	0.3	U	0.3	U	0.3	U	0.24	U	0.19	U
67-66-3	CHLOROFORM	70	0.2	U	0.2	U	0.2	U	0.18	U	0.1	U
74-87-3	CHLOROMETHANE	2.7	0.3	U	0.3	U	0.3	U	0.21	U	0.17	U
156-59-2	CIS-1,2-DICHLOROETHENE	70	0.34	J	0.35	J	0.36	J	0.2	U	0.12	U
10061-01-5	CIS-1,3-DICHLOROPROPENE	NA	0.1	U	0.1	U	0.1	U	0.14	U	0.12	U
75-71-8	DICHLORODIFLUOROMETHANE	1400							0.25	U	0.23	U
100-41-4	ETHYLBENZENE	30	0.3	U	0.33	J	0.51	J	0.2	U	0.1	U
TTNUS054	M+P-XYLENES	NA							0.47	U	0.22	U
1634-04-4	METHYL TERT-BUTYL ETHER	20	0.2	U	0.2	U	0.2	U	0.16	U	0.072	U
75-09-2	METHYLENE CHLORIDE	5	2	U	2	U	2	U	0.51	U	0.72	U
95-47-6	O-XYLENE	NA							0.25	U	0.1	U
127-18-4	TETRACHLOROETHENE	3	0.3	U	0.3	U	0.3	U	0.44	U	0.22	U
108-88-3	TOLUENE	40	0.22	U	0.36	U	0.5	U	0.14	U	0.52	U
1330-20-7	TOTAL XYLENES	20	0.3	U	0.3	U	0.3	U				
156-60-5	TRANS-1,2-DICHLOROETHENE	100	0.2	U	0.2	U	0.2	U	0.22	U	0.13	U
10061-02-6	TRANS-1,3-DICHLOROPROPENE	NA	0.2	U	0.2	U	0.2	U	0.14	U	0.12	U
79-01-6	TRICHLOROETHENE	3	0.3	U	0.3	U	0.3	U	0.23	U	0.15	U
75-69-4	TRICHLOROFLUOROMETHANE	2100							0.26	U	0.25	U
75-01-4	**VINYL CHLORIDE**	1	0.4	U	0.4	U	0.4	U	0.23	U	0.25	U

TABLE 3-4

GROUNDWATER ANALYTICAL RESULTS
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 12 OF 24

CAS No.	sample_id sample_date location_id project_no sample_coc coc_no duplicate	FDEP GCTL	JAX25-MW09-20070706 20070706 JAX25-MW09 4258_20060302 JAX25-MW09-20070706 26098		JAX25-MW09-20070706-AVG 20070706 JAX25-MW09 4258_20060302 JAX25-MW09-20070706-AVG 26098		JAX25-MW09-20070706-D 20070706 JAX25-MW09 4258_20060302 JAX25-DUP-20070706 26098 JAX25-MW09-20070706		JAX25-MW09-20080514 20080514 JAX25-MW09 00132_20051129 JAX-PCA25-MW09-051408 26294		JAX25-MW09-20080813 20080813 JAX25-MW09 00132_20081002 JAX25-MW09-081308 26351	
	PAHs (ug/L)											
90-12-0	**1-METHYLNAPHTHALENE**	28	16		15		14		**56 [G]**		16	
91-57-6	**2-METHYLNAPHTHALENE**	28	18		16.5		15		**57 [G]**		17	
83-32-9	ACENAPHTHENE	20	0.52	J	0.5	J	0.48	J	1.1		0.54	
208-96-8	ACENAPHTHYLENE	210	0.01	U	0.01	U	0.01	U	0.82		0.033	U
120-12-7	ANTHRACENE	2100	0.02	U	0.02	U	0.02	U	0.18		0.098	J
56-55-3	**BENZO(A)ANTHRACENE**	0.05	0.01	U	0.01	U	0.01	U	0.014	U	0.012	U
50-32-8	BENZO(A)PYRENE	0.2	0.01	U	0.01	U	0.01	U	0.014	U	0.013	U
205-99-2	**BENZO(B)FLUORANTHENE**	0.05	0.02	U	0.02	U	0.02	U	0.015	U	0.015	U
191-24-2	BENZO(G,H,I)PERYLENE	210	0.03	U	0.03	U	0.03	U	0.015	U	0.019	U
207-08-9	BENZO(K)FLUORANTHENE	0.5	0.02	U	0.02	U	0.02	U	0.015	U	0.02	U
218-01-9	CHRYSENE	4.8	0.02	U	0.02	U	0.02	U	0.011	U	0.012	U
53-70-3	DIBENZO(A,H)ANTHRACENE	0.005	0.02	U	0.02	U	0.02	U	0.015	U	0.017	U
206-44-0	FLUORANTHENE	280	0.03	U	0.03	U	0.03	U	0.36		0.13	
86-73-7	FLUORENE	280	0.24	J	0.225	J	0.21	J	0.99		0.46	
193-39-5	INDENO(1,2,3-CD)PYRENE	0.05	0.02	U	0.02	U	0.02	U	0.016	U	0.017	U
91-20-3	NAPHTHALENE	14	0.55	J	0.535	J	0.52	J	0.046	U	0.027	U
85-01-8	PHENANTHRENE	210	0.08	J	0.08	J	0.08	J	0.61		0.32	
129-00-0	PYRENE	210	0.09	J	0.09	J	0.09	J	0.26		0.087	J
CALC055	BAP EQUIVALENT-HALFND	NA	0.01	U	0.01	U	0.01	U	0.014	U	0.013	U
	Inorganics (ug/L)											
7439-92-1	**LEAD**	15	2	U	2	U	2	U	0.56	J	1.6	
	Petroleum Hydrocarbons (ug/L)											
TTNUS001	TOTAL PETROLEUM HYDROCARBONS	5000										
TTNUS599	TPH (C08-C40)	5000	970	J	1075	J	1180	J	63	U	2100	

Notes:
Bold/shaded indicates an exceedance of FDEP GCTLs.
U=Analyte not detected above laboratory Method Detection Limit (MDL)
J = Analyte was detected at an estimated concentration
ug/L = micrograms per liter
GCTL = Groundwater Cleanup Target Level as provided in Chapter 62-777 and Chapter 62-550, Florida Administrative Code.
TRPHs = Total Recoverable Petroleum Hydrocarbons

TABLE 3-4

GROUNDWATER ANALYTICAL RESULTS
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 13 OF 24

CAS No.	sample_id sample_date location_id project_no sample_coc coc_no duplicate	FDEP GCTL	JAX25-MW09-20081112 20081112 JAX25-MW09 00132_20081222 JAX25-MW09-111208 2340		JAX25-MW11-20051206 20051206 JAX25-MW11 00132_20051129 JAX-PCA25-MW11-12060		JAX25-MW11-20070705 20070705 JAX25-MW11 4258_20060302 JAX25-MW11-20070705 26097		JAX25-MW11-20080513 20080513 JAX25-MW11 00132_20051129 JAX-PCA25-MW11-051308 26293		JAX25-MW11-20080812 20080812 JAX25-MW11 00132_20081002 JAX25-MW11-2008081208 26350	
	Volatile Organics (ug/L)											
71-55-6	1,1,1-TRICHLOROETHANE	200	0.21	U			0.3	U	0.17	U	0.21	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	0.15	U			0.2	U	0.14	U	0.15	U
79-00-5	1,1,2-TRICHLOROETHANE	5	0.21	U			0.3	U	0.21	U	0.21	U
75-34-3	1,1-DICHLOROETHANE	70	0.56	U			0.2	U	0.23	U	0.56	U
75-35-4	1,1-DICHLOROETHENE	7	0.16	U			0.2	U	0.27	U	0.16	U
120-82-1	1,2,4-TRICHLOROBENZENE	70	0.3	U					0.97	U	0.3	U
106-93-4	1,2-DIBROMOETHANE	0.02	0.007	U	0.005	U	0.01	U	0.007	U	0.007	U
95-50-1	1,2-DICHLOROBENZENE	600	0.17	U			0.2	U	0.34	U	0.17	U
107-06-2	1,2-DICHLOROETHANE	3	0.15	U			0.1	U	0.18	U	0.15	U
78-87-5	1,2-DICHLOROPROPANE	5	0.057	U			0.4	U	0.18	U	0.057	U
541-73-1	1,3-DICHLOROBENZENE	210	0.14	U			0.2	U	0.34	U	0.14	U
106-46-7	1,4-DICHLOROBENZENE	75	0.14	U			0.1	U	0.21	U	0.14	U
110-75-8	2-CHLOROETHYL VINYL ETHER	NA	0.26	U			0.8	U	0.56	U	0.26	U
71-43-2	**BENZENE**	1	0.52	U	0.3	U	0.2	U	0.2	U	0.52	U
75-27-4	BROMODICHLOROMETHANE	0.6	0.1	U			0.2	U	0.15	U	0.1	U
75-25-2	BROMOFORM	4.4	0.12	U			0.2	U	0.24	U	0.12	U
74-83-9	BROMOMETHANE	9.8	0.14	U			0.6	U	0.2	U	0.14	U
56-23-5	CARBON TETRACHLORIDE	3	0.18	U			0.3	U	0.26	U	0.18	U
108-90-7	CHLOROBENZENE	100	0.15	U			0.2	U	0.19	U	0.15	U
124-48-1	CHLORODIBROMOMETHANE	0.4	0.11	U			0.2	U	0.25	U	0.11	U
75-00-3	CHLOROETHANE	12	0.19	U			0.3	U	0.24	U	0.19	U
67-66-3	CHLOROFORM	70	0.1	U			0.2	U	0.18	U	0.1	U
74-87-3	CHLOROMETHANE	2.7	0.17	U			0.3	U	0.21	U	0.17	U
156-59-2	CIS-1,2-DICHLOROETHENE	70	0.12	U			0.2	U	0.2	U	0.12	U
10061-01-5	CIS-1,3-DICHLOROPROPENE	NA	0.12	U			0.1	U	0.14	U	0.12	U
75-71-8	DICHLORODIFLUOROMETHANE	1400	0.23	U					0.25	U	0.23	U
100-41-4	ETHYLBENZENE	30	0.1	U	0.2	U	0.3	U	0.2	U	0.1	U
TTNUS054	M+P-XYLENES	NA	0.22	U	0.5	U			0.47	U	0.22	U
1634-04-4	METHYL TERT-BUTYL ETHER	20	0.072	U	0.8	U	0.2	U	0.16	U	0.072	U
75-09-2	METHYLENE CHLORIDE	5	0.72	U			2	U	0.51	U	0.72	U
95-47-6	O-XYLENE	NA	0.1	U	0.3	U			0.25	U	0.1	U
127-18-4	TETRACHLOROETHENE	3	0.22	U			0.3	U	0.44	U	0.22	U
108-88-3	TOLUENE	40	0.52	U	0.2	U	0.2	U	0.14	U	0.52	U
1330-20-7	TOTAL XYLENES	20			0.8	U	0.3	U				
156-60-5	TRANS-1,2-DICHLOROETHENE	100	0.13	U			0.2	U	0.22	U	0.13	U
10061-02-6	TRANS-1,3-DICHLOROPROPENE	NA	0.12	U			0.2	U	0.14	U	0.12	U
79-01-6	TRICHLOROETHENE	3	0.15	U			0.3	U	0.23	U	0.15	U
75-69-4	TRICHLOROFLUOROMETHANE	2100	0.25	U					0.26	U	0.25	U
75-01-4	**VINYL CHLORIDE**	1	0.25	U			0.4	U	0.23	U	0.25	U

TABLE 3-4

GROUNDWATER ANALYTICAL RESULTS
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 14 OF 24

CAS No.	sample_id sample_date location_id project_no sample_coc coc_no duplicate	FDEP GCTL	JAX25-MW09-20081112 20081112 JAX25-MW09 00132_20081222 JAX25-MW09-111208 2340		JAX25-MW11-20051206 20051206 JAX25-MW11 00132_20051129 JAX-PCA25-MW11-12060		JAX25-MW11-20070705 20070705 JAX25-MW11 4258_20060302 JAX25-MW11-20070705 26097		JAX25-MW11-20080513 20080513 JAX25-MW11 00132_20051129 JAX-PCA25-MW11-051308 26293		JAX25-MW11-20080812 20080812 JAX25-MW11 00132_20081002 JAX25-MW11-2008081208 26350	
	PAHs (ug/L)											
90-12-0	**1-METHYLNAPHTHALENE**	28	24		0.1	U	0.02	U	0.037	U	0.019	U
91-57-6	**2-METHYLNAPHTHALENE**	28	24		0.06	U	0.02	U	0.038	U	0.021	U
83-32-9	ACENAPHTHENE	20	0.62		0.09	U	0.02	U	0.04	U	0.017	U
208-96-8	ACENAPHTHYLENE	210	0.033	U	0.04	U	0.01	U	0.04	U	0.033	U
120-12-7	ANTHRACENE	2100	0.012	U	0.07	U	0.02	U	0.03	U	0.012	U
56-55-3	**BENZO(A)ANTHRACENE**	0.05	0.012	U	0.08	U	0.01	U	0.014	U	0.012	U
50-32-8	BENZO(A)PYRENE	0.2	0.013	U	0.08	U	0.01	U	0.014	U	0.013	U
205-99-2	**BENZO(B)FLUORANTHENE**	0.05	0.015	U	0.08	U	0.02	U	0.015	U	0.015	U
191-24-2	BENZO(G,H,I)PERYLENE	210	0.019	U	0.1	U	0.03	U	0.015	U	0.019	U
207-08-9	BENZO(K)FLUORANTHENE	0.5	0.02	U	0.1	U	0.02	U	0.015	U	0.02	U
218-01-9	CHRYSENE	4.8	0.012	U	0.05	U	0.02	U	0.011	U	0.012	U
53-70-3	DIBENZO(A,H)ANTHRACENE	0.005	0.017	U	0.1	U	0.02	U	0.015	U	0.017	U
206-44-0	FLUORANTHENE	280	0.28		0.07	U	0.03	U	0.022	U	0.016	U
86-73-7	FLUORENE	280	0.85		0.06	U	0.05	U	0.041	U	0.015	U
193-39-5	INDENO(1,2,3-CD)PYRENE	0.05	0.017	U	0.07	U	0.02	U	0.016	U	0.017	U
91-20-3	NAPHTHALENE	14	0.027	U	0.05	U	0.05	U	0.046	U	0.027	U
85-01-8	PHENANTHRENE	210	0.54		0.08	U	0.04	U	0.038	U	0.024	U
129-00-0	PYRENE	210	0.19		0.09	U	0.03	U	0.021	U	0.014	U
CALC055	BAP EQUIVALENT-HALFND	NA	0.013	U	0.08	U	0.01	U	0.014	U	0.013	U
	Inorganics (ug/L)											
7439-92-1	**LEAD**	15	0.3		0.18	U	2	U	0.22		0.2	U
	Petroleum Hydrocarbons (ug/L)											
TTNUS001	TOTAL PETROLEUM HYDROCARBONS	5000			510							
TTNUS599	TPH (C08-C40)	5000	710				204	J	63	U	62	U

Notes:
Bold/shaded indicates an exceedance of FDEP GCTLs.
U=Analyte not detected above laboratory Method Detection Limit (MDL)
J = Analyte was detected at an estimated concentration
ug/L = micrograms per liter
GCTL = Groundwater Cleanup Target Level as provided in Chapter 62-777 and Chapter 62-550, Florida Administrative Code.
TRPHs = Total Recoverable Petroleum Hydrocarbons

TABLE 3-4

GROUNDWATER ANALYTICAL RESULTS
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 15 OF 24

CAS No.	sample_id sample_date location_id project_no sample_coc coc_no duplicate	FDEP GCTL	JAX25-MW12-20051206 20051206 JAX25-MW12 00132_20051129 JAX-PCA25-MW12-12060		JAX25-MW12-20070705 20070705 JAX25-MW12 4258_20060302 JAX25-MW12-20070705 26096		JAX25-MW12-20080514 20080514 JAX25-MW12 00132_20051129 JAX-PCA25-MW12-051408 26294		JAX25-MW12-20080813 20080813 JAX25-MW12 00132_20081002 JAX25-MW12-081308 26351		JAX25-MW13-20051206 20051206 JAX25-MW13 00132_20051129 JAX-PCA25-MW13-12060	
	Volatile Organics (ug/L)											
71-55-6	1,1,1-TRICHLOROETHANE	200			0.3	U	0.17	U	0.21	U		
79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2			0.2	U	0.14	U	0.15	U		
79-00-5	1,1,2-TRICHLOROETHANE	5			0.3	U	0.21	U	0.21	U		
75-34-3	1,1-DICHLOROETHANE	70			0.2	U	0.23	U	0.56	U		
75-35-4	1,1-DICHLOROETHENE	7			0.2	U	0.27	U	0.16	U		
120-82-1	1,2,4-TRICHLOROBENZENE	70					0.97	U	0.3	U		
106-93-4	1,2-DIBROMOETHANE	0.02	0.005	U	0.01	U	0.007	U	0.007	U	0.005	U
95-50-1	1,2-DICHLOROBENZENE	600			0.2	U	0.34	U	0.17	U		
107-06-2	1,2-DICHLOROETHANE	3			0.1	U	0.18	U	0.15	U		
78-87-5	1,2-DICHLOROPROPANE	5			0.4	U	0.18	U	0.057	U		
541-73-1	1,3-DICHLOROBENZENE	210			0.2	U	0.34	U	0.14	U		
106-46-7	1,4-DICHLOROBENZENE	75			0.1	U	0.21	U	0.14	U		
110-75-8	2-CHLOROETHYL VINYL ETHER	NA			0.8	U	0.56	U	0.26	U		
71-43-2	**BENZENE**	1	0.3	U	0.2	U	0.2	U	0.52	U	0.3	U
75-27-4	BROMODICHLOROMETHANE	0.6			0.2	U	0.15	U	0.1	U		
75-25-2	BROMOFORM	4.4			0.2	U	0.24	U	0.12	U		
74-83-9	BROMOMETHANE	9.8			0.6	U	0.2	U	0.14	U		
56-23-5	CARBON TETRACHLORIDE	3			0.3	U	0.26	U	0.18	U		
108-90-7	CHLOROBENZENE	100			0.2	U	0.19	U	0.15	U		
124-48-1	CHLORODIBROMOMETHANE	0.4			0.2	U	0.25	U	0.11	U		
75-00-3	CHLOROETHANE	12			0.3	U	0.24	U	0.19	U		
67-66-3	CHLOROFORM	70			0.2	U	0.18	U	0.1	U		
74-87-3	CHLOROMETHANE	2.7			0.3	U	0.21	U	0.17	U		
156-59-2	CIS-1,2-DICHLOROETHENE	70			0.2	U	0.2	U	0.12	U		
10061-01-5	CIS-1,3-DICHLOROPROPENE	NA			0.1	U	0.14	U	0.12	U		
75-71-8	DICHLORODIFLUOROMETHANE	1400					0.25	U	0.23	U		
100-41-4	ETHYLBENZENE	30	0.2	U	0.3	U	0.2	U	0.1	U	0.2	U
TTNUS054	M+P-XYLENES	NA	0.5	U			0.47	U	0.22	U	0.5	U
1634-04-4	METHYL TERT-BUTYL ETHER	20	0.8	U	0.2	U	0.16	U	0.072	U	0.8	U
75-09-2	METHYLENE CHLORIDE	5			2	U	0.51	U	0.72	U		
95-47-6	O-XYLENE	NA	0.3	U			0.25	U	0.1	U	0.3	U
127-18-4	TETRACHLOROETHENE	3			0.3	U	0.44	U	0.22	U		
108-88-3	TOLUENE	40	0.2	U	0.2	U	0.14	U	0.52	U	0.2	U
1330-20-7	TOTAL XYLENES	20	0.8	U	0.3	U					0.8	U
156-60-5	TRANS-1,2-DICHLOROETHENE	100			0.2	U	0.22	U	0.13	U		
10061-02-6	TRANS-1,3-DICHLOROPROPENE	NA			0.2	U	0.14	U	0.12	U		
79-01-6	TRICHLOROETHENE	3			0.3	U	0.23	U	0.15	U		
75-69-4	TRICHLOROFLUOROMETHANE	2100					0.26	U	0.25	U		
75-01-4	**VINYL CHLORIDE**	1			0.4	U	0.23	U	0.25	U		

TABLE 3-4

GROUNDWATER ANALYTICAL RESULTS
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 16 OF 24

CAS No.	sample_id sample_date location_id project_no sample_coc coc_no duplicate	FDEP GCTL	JAX25-MW12-20051206 20051206 JAX25-MW12 00132_20051129 JAX-PCA25-MW12-12060		JAX25-MW12-20070705 20070705 JAX25-MW12 4258_20060302 JAX25-MW12-20070705 26096		JAX25-MW12-20080514 20080514 JAX25-MW12 00132_20051129 JAX-PCA25-MW12-051408 26294		JAX25-MW12-20080813 20080813 JAX25-MW12 00132_20081002 JAX25-MW12-081308 26351		JAX25-MW13-20051206 20051206 JAX25-MW13 00132_20051129 JAX-PCA25-MW13-12060	
	PAHs (ug/L)											
90-12-0	**1-METHYLNAPHTHALENE**	28	0.1	U	0.02	U	0.037	U	0.019	U	0.2	J
91-57-6	**2-METHYLNAPHTHALENE**	28	0.06	U	0.02	U	0.038	U	0.021	U	0.06	U
83-32-9	ACENAPHTHENE	20	0.08	U	0.02	U	0.04	U	0.017	U	0.4	
208-96-8	ACENAPHTHYLENE	210	0.04	U	0.01	U	0.04	U	0.033	U	0.04	U
120-12-7	ANTHRACENE	2100	0.07	U	0.02	U	0.03	U	0.012	U	0.07	U
56-55-3	**BENZO(A)ANTHRACENE**	0.05	0.08	U	0.01	U	0.014	U	0.012	U	0.08	U
50-32-8	BENZO(A)PYRENE	0.2	0.08	U	0.01	U	0.014	U	0.013	U	0.08	U
205-99-2	**BENZO(B)FLUORANTHENE**	0.05	0.08	U	0.02	U	0.015	U	0.015	U	0.08	U
191-24-2	BENZO(G,H,I)PERYLENE	210	0.1	U	0.03	U	0.015	U	0.019	U	0.1	U
207-08-9	BENZO(K)FLUORANTHENE	0.5	0.1	U	0.02	U	0.015	U	0.02	U	0.1	U
218-01-9	CHRYSENE	4.8	0.05	U	0.02	U	0.011	U	0.012	U	0.05	U
53-70-3	DIBENZO(A,H)ANTHRACENE	0.005	0.1	U	0.02	U	0.015	U	0.017	U	0.1	U
206-44-0	FLUORANTHENE	280	0.07	U	0.03	U	0.022	U	0.016	U	0.07	U
86-73-7	FLUORENE	280	0.06	U	0.05	U	0.041	U	0.015	U	0.2	J
193-39-5	INDENO(1,2,3-CD)PYRENE	0.05	0.07	U	0.02	U	0.016	U	0.017	U	0.07	U
91-20-3	NAPHTHALENE	14	0.05	U	0.05	U	0.075	J	0.027	U	0.05	U
85-01-8	PHENANTHRENE	210	0.08	U	0.04	U	0.038	U	0.024	U	0.2	U
129-00-0	PYRENE	210	0.08	U	0.03	U	0.021	U	0.014	U	0.08	U
CALC055	BAP EQUIVALENT-HALFND	NA	0.08	U	0.01	U	0.014	U	0.013	U	0.08	U
	Inorganics (ug/L)											
7439-92-1	**LEAD**	15	0.25	U	2	U	0.39	J	0.4		3.2	
	Petroleum Hydrocarbons (ug/L)											
TTNUS001	TOTAL PETROLEUM HYDROCARBONS	5000	430	J							1200	
TTNUS599	TPH (C08-C40)	5000			94	U	64	U	63	U		

Notes:
Bold/shaded indicates an exceedance of FDEP GCTLs.
U=Analyte not detected above laboratory Method Detection Limit (MDL)
J = Analyte was detected at an estimated concentration
ug/L = micrograms per liter
GCTL = Groundwater Cleanup Target Level as provided in Chapter 62-777 and Chapter 62-550, Florida Administrative Code.
TRPHs = Total Recoverable Petroleum Hydrocarbons

TABLE 3-4

GROUNDWATER ANALYTICAL RESULTS
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 17 OF 24

CAS No.	sample_id sample_date location_id project_no sample_coc coc_no duplicate	FDEP GCTL	JAX25-MW13-20070705 20070705 JAX25-MW13 4258_20060302 JAX25-MW13-20070705 26096		JAX25-MW13-20080513 20080513 JAX25-MW13 00132_20051129 JAX-PCA25-MW13-051308 26293		JAX25-MW13-20080812 20080812 JAX25-MW13 00132_20081002 JAX25-MW13-081208 26351		JAX25-MW14-20060425 20060425 JAX25-MW14 00132_20051129 JAX-PCA25-MW14-042506		JAX25-MW14-20070706 20070706 JAX25-MW14 4258_20060302 JAX25-MW14-20070706 26099	
	Volatile Organics (ug/L)											
71-55-6	1,1,1-TRICHLOROETHANE	200	0.3	U	0.17	U	0.21	U			0.3	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	0.2	U	0.14	U	0.15	U			0.2	U
79-00-5	1,1,2-TRICHLOROETHANE	5	0.3	U	0.21	U	0.21	U			0.3	U
75-34-3	1,1-DICHLOROETHANE	70	0.3	J	0.23	U	0.56	U			0.2	U
75-35-4	1,1-DICHLOROETHENE	7	0.2	U	0.27	U	0.16	U			0.2	U
120-82-1	1,2,4-TRICHLOROBENZENE	70			0.97	U	0.3	U				
106-93-4	1,2-DIBROMOETHANE	0.02	0.01	U	0.007	U	0.007	U	0.0093	U	0.01	U
95-50-1	1,2-DICHLOROBENZENE	600	0.2	U	0.34	U	0.17	U			0.2	U
107-06-2	1,2-DICHLOROETHANE	3	0.1	U	0.18	U	0.15	U			0.1	U
78-87-5	1,2-DICHLOROPROPANE	5	0.4	U	0.18	U	0.057	U			0.4	U
541-73-1	1,3-DICHLOROBENZENE	210	0.2	U	0.34	U	0.14	U			0.2	U
106-46-7	1,4-DICHLOROBENZENE	75	0.1	U	0.21	U	0.14	U			0.1	U
110-75-8	2-CHLOROETHYL VINYL ETHER	NA	0.8	U	0.56	U	0.26	U			0.8	U
71-43-2	**BENZENE**	1	0.2	U	0.2	U	0.52	U	0.5	U	0.2	U
75-27-4	BROMODICHLOROMETHANE	0.6	0.2	U	0.15	U	0.1	U			0.2	U
75-25-2	BROMOFORM	4.4	0.2	U	0.24	U	0.12	U			0.2	U
74-83-9	BROMOMETHANE	9.8	0.6	U	0.2	U	0.14	U			0.6	U
56-23-5	CARBON TETRACHLORIDE	3	0.3	U	0.26	U	0.18	U			0.3	U
108-90-7	CHLOROBENZENE	100	0.2	U	0.19	U	0.15	U			0.2	U
124-48-1	CHLORODIBROMOMETHANE	0.4	0.2	U	0.25	U	0.11	U			0.2	U
75-00-3	CHLOROETHANE	12	0.3	U	0.24	U	0.19	U			0.3	U
67-66-3	CHLOROFORM	70	0.2	U	0.18	U	0.1	U			0.2	U
74-87-3	CHLOROMETHANE	2.7	0.3	U	0.21	U	0.17	U			0.3	U
156-59-2	CIS-1,2-DICHLOROETHENE	70	0.2	U	0.2	U	0.12	U			0.2	U
10061-01-5	CIS-1,3-DICHLOROPROPENE	NA	0.1	U	0.14	U	0.12	U			0.1	U
75-71-8	DICHLORODIFLUOROMETHANE	1400			0.25	U	0.23	U				
100-41-4	ETHYLBENZENE	30	0.3	U	0.2	U	0.1	U	0.5	U	0.3	U
TTNUS054	M+P-XYLENES	NA			0.71	J	0.22	U				
1634-04-4	METHYL TERT-BUTYL ETHER	20	0.2	U	0.16	U	0.072	U	0.5	U	0.2	U
75-09-2	METHYLENE CHLORIDE	5	2	U	0.51	U	0.72	U			2	U
95-47-6	O-XYLENE	NA			0.25	U	0.1	U				
127-18-4	TETRACHLOROETHENE	3	0.3	U	0.44	U	0.22	U			0.3	U
108-88-3	TOLUENE	40	0.2	U	0.52	U	0.52	U	0.5	U	0.2	U
1330-20-7	TOTAL XYLENES	20	0.3	U					1	U	0.3	U
156-60-5	TRANS-1,2-DICHLOROETHENE	100	0.2	U	0.22	U	0.13	U			0.2	U
10061-02-6	TRANS-1,3-DICHLOROPROPENE	NA	0.2	U	0.14	U	0.12	U			0.2	U
79-01-6	TRICHLOROETHENE	3	0.3	U	0.23	U	0.15	U			0.3	U
75-69-4	TRICHLOROFLUOROMETHANE	2100			0.26	U	0.25	U				
75-01-4	**VINYL CHLORIDE**	1	0.4	U	0.23	U	0.25	U			0.4	U

TABLE 3-4

GROUNDWATER ANALYTICAL RESULTS
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 18 OF 24

CAS No.	sample_id sample_date location_id project_no sample_coc coc_no duplicate	FDEP GCTL	JAX25-MW13-20070705 20070705 JAX25-MW13 4258_20060302 JAX25-MW13-20070705 26096		JAX25-MW13-20080513 20080513 JAX25-MW13 00132_20051129 JAX-PCA25-MW13-051308 26293		JAX25-MW13-20080812 20080812 JAX25-MW13 00132_20081002 JAX25-MW13-081208 26351		JAX25-MW14-20060425 20060425 JAX25-MW14 00132_20051129 JAX-PCA25-MW14-042506		JAX25-MW14-20070706 20070706 JAX25-MW14 4258_20060302 JAX25-MW14-20070706 26099	
	PAHs (ug/L)											
90-12-0	**1-METHYLNAPHTHALENE**	28	0.13	J	0.23		0.21		0.25	U	0.02	U
91-57-6	**2-METHYLNAPHTHALENE**	28	0.02	U	0.038	U	0.021	U	0.25	U	0.02	U
83-32-9	ACENAPHTHENE	20	0.46	J	0.38		0.37		0.5	U	0.21	J
208-96-8	ACENAPHTHYLENE	210	0.01	U	0.04	U	0.033	U	0.5	U	0.01	U
120-12-7	ANTHRACENE	2100	0.02	U	0.03	U	0.012	U	0.5	U	0.05	J
56-55-3	**BENZO(A)ANTHRACENE**	0.05	0.01	U	0.014	U	0.012	U	0.05	U	0.01	U
50-32-8	BENZO(A)PYRENE	0.2	0.01	U	0.014	U	0.013	U	0.1	U	0.01	U
205-99-2	**BENZO(B)FLUORANTHENE**	0.05	0.02	U	0.015	U	0.015	U	0.05	U	0.02	U
191-24-2	BENZO(G,H,I)PERYLENE	210	0.03	U	0.015	U	0.019	U	0.1	U	0.03	U
207-08-9	BENZO(K)FLUORANTHENE	0.5	0.02	U	0.015	U	0.02	U	0.1	U	0.02	U
218-01-9	CHRYSENE	4.8	0.02	U	0.011	U	0.012	U	0.1	U	0.02	U
53-70-3	DIBENZO(A,H)ANTHRACENE	0.005	0.02	U	0.015	U	0.017	U	0.05	U	0.02	U
206-44-0	FLUORANTHENE	280	0.03	U	0.022	U	0.016	U	0.25	U	0.03	U
86-73-7	FLUORENE	280	0.16	J	0.16		0.14		0.25	U	0.35	J
193-39-5	INDENO(1,2,3-CD)PYRENE	0.05	0.02	U	0.016	U	0.017	U	0.05	U	0.02	U
91-20-3	NAPHTHALENE	14	0.05	U	0.046	U	0.027	U	0.25	U	0.05	U
85-01-8	PHENANTHRENE	210	0.07	J	0.11	J	0.073	J	0.5	U	0.04	U
129-00-0	PYRENE	210	0.03	U	0.021	U	0.014	U	0.25	U	0.03	U
CALC055	BAP EQUIVALENT-HALFND	NA	0.01	U	0.014	U	0.013	U	0.1	U	0.01	U
	Inorganics (ug/L)											
7439-92-1	**LEAD**	15	2	U	3.2		2.8		3.4	U	2	U
	Petroleum Hydrocarbons (ug/L)											
TTNUS001	TOTAL PETROLEUM HYDROCARBONS	5000										
TTNUS599	TPH (C08-C40)	5000	934	J	1000		520		742		2460	J

Notes:
Bold/shaded indicates an exceedance of FDEP GCTLs.
U=Analyte not detected above laboratory Method Detection Limit (MDL)
J = Analyte was detected at an estimated concentration
ug/L = micrograms per liter
GCTL = Groundwater Cleanup Target Level as provided in Chapter 62-777 and Chapter 62-550, Florida Administrative Code.
TRPHs = Total Recoverable Petroleum Hydrocarbons

TABLE 3-4

GROUNDWATER ANALYTICAL RESULTS
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 19 OF 24

CAS No.	sample_id sample_date location_id project_no sample_coc coc_no duplicate	FDEP GCTL	JAX25-MW14-20080514 20080514 JAX25-MW14 00132_20051129 JAX-PCA25-MW14-051408 26294		JAX25-MW14-20080812 20080812 JAX25-MW14 00132_20081002 JAX25-MW14-081208 26351		JAX25-MW15-20060425 20060425 JAX25-MW15 00132_20051129 JAX-PCA25-MW15-042506		JAX25-MW15-20070706 20070706 JAX25-MW15 4258_20060302 JAX25-MW15-20070706 26099		JAX25-MW15-20080514 20080514 JAX25-MW15 00132_20051129 JAX-PCA25-MW15-051408 26294	
	Volatile Organics (ug/L)											
71-55-6	1,1,1-TRICHLOROETHANE	200	0.17	U	0.21	U			0.3	U	0.17	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	0.14	U	0.15	U			0.2	U	0.14	U
79-00-5	1,1,2-TRICHLOROETHANE	5	0.21	U	0.21	U			0.3	U	0.21	U
75-34-3	1,1-DICHLOROETHANE	70	0.23	U	0.56	U			0.2	U	0.23	U
75-35-4	1,1-DICHLOROETHENE	7	0.27	U	0.16	U			0.2	U	0.27	U
120-82-1	1,2,4-TRICHLOROBENZENE	70	0.97	U	0.3	U					0.97	U
106-93-4	1,2-DIBROMOETHANE	0.02	0.007	U	0.007	U	0.0099	U	0.01	U	0.007	U
95-50-1	1,2-DICHLOROBENZENE	600	0.34	U	0.17	U			0.2	U	0.34	U
107-06-2	1,2-DICHLOROETHANE	3	0.18	U	0.15	U			0.1	U	0.18	U
78-87-5	1,2-DICHLOROPROPANE	5	0.18	U	0.057	U			0.4	U	0.18	U
541-73-1	1,3-DICHLOROBENZENE	210	0.34	U	0.14	U			0.2	U	0.34	U
106-46-7	1,4-DICHLOROBENZENE	75	0.21	U	0.14	U			0.1	U	0.21	U
110-75-8	2-CHLOROETHYL VINYL ETHER	NA	0.56	U	0.26	U			0.8	U	0.56	U
71-43-2	**BENZENE**	1	0.2	U	0.52	U	0.5	U	0.2	U	0.2	U
75-27-4	BROMODICHLOROMETHANE	0.6	0.15	U	0.1	U			0.2	U	0.15	U
75-25-2	BROMOFORM	4.4	0.24	U	0.12	U			0.2	U	0.24	U
74-83-9	BROMOMETHANE	9.8	0.2	U	0.14	U			0.6	U	0.2	U
56-23-5	CARBON TETRACHLORIDE	3	0.26	U	0.18	U			0.3	U	0.26	U
108-90-7	CHLOROBENZENE	100	0.19	U	0.15	U			0.2	U	0.19	U
124-48-1	CHLORODIBROMOMETHANE	0.4	0.25	U	0.11	U			0.2	U	0.25	U
75-00-3	CHLOROETHANE	12	0.24	U	0.19	U			0.3	U	0.24	U
67-66-3	CHLOROFORM	70	0.18	U	0.1	U			0.2	U	0.18	U
74-87-3	CHLOROMETHANE	2.7	0.21	U	0.17	U			0.3	U	0.21	U
156-59-2	CIS-1,2-DICHLOROETHENE	70	0.2	U	0.12	U			0.2	U	0.2	U
10061-01-5	CIS-1,3-DICHLOROPROPENE	NA	0.14	U	0.12	U			0.1	U	0.14	U
75-71-8	DICHLORODIFLUOROMETHANE	1400	0.25	U	0.23	U					0.25	U
100-41-4	ETHYLBENZENE	30	0.2	U	0.1	U	0.5	U	0.3	U	0.2	U
TTNUS054	M+P-XYLENES	NA	0.47	U	0.22	U					0.47	U
1634-04-4	METHYL TERT-BUTYL ETHER	20	0.16	U	0.072	U	0.5	U	0.2	U	0.16	U
75-09-2	METHYLENE CHLORIDE	5	0.51	U	0.72	U			2	U	0.51	U
95-47-6	O-XYLENE	NA	0.25	U	0.1	U					0.25	U
127-18-4	TETRACHLOROETHENE	3	0.44	U	0.22	U			0.3	U	0.44	U
108-88-3	TOLUENE	40	0.14	U	0.52	U	0.5	U	0.42	U	0.14	U
1330-20-7	TOTAL XYLENES	20					1	U	0.3	U		
156-60-5	TRANS-1,2-DICHLOROETHENE	100	0.22	U	0.13	U			0.2	U	0.22	U
10061-02-6	TRANS-1,3-DICHLOROPROPENE	NA	0.14	U	0.12	U			0.2	U	0.14	U
79-01-6	TRICHLOROETHENE	3	0.23	U	0.15	U			0.3	U	0.23	U
75-69-4	TRICHLOROFLUOROMETHANE	2100	0.26	U	0.25	U					0.26	U
75-01-4	**VINYL CHLORIDE**	1	0.23	U	0.25	U			0.4	U	0.23	U

TABLE 3-4

GROUNDWATER ANALYTICAL RESULTS
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 20 OF 24

CAS No.	sample_id sample_date location_id project_no sample_coc coc_no duplicate	FDEP GCTL	JAX25-MW14-20080514 20080514 JAX25-MW14 00132_20051129 JAX-PCA25-MW14-051408 26294		JAX25-MW14-20080812 20080812 JAX25-MW14 00132_20081002 JAX25-MW14-081208 26351		JAX25-MW15-20060425 20060425 JAX25-MW15 00132_20051129 JAX-PCA25-MW15-042506		JAX25-MW15-20070706 20070706 JAX25-MW15 4258_20060302 JAX25-MW15-20070706 26099		JAX25-MW15-20080514 20080514 JAX25-MW15 00132_20051129 JAX-PCA25-MW15-051408 26294	
	PAHs (ug/L)											
90-12-0	**1-METHYLNAPHTHALENE**	28	0.037	U	0.019	U	27.2		2.2	J	0.037	U
91-57-6	**2-METHYLNAPHTHALENE**	28	0.038	U	0.021	U	0.26	U	0.03	J	0.038	U
83-32-9	ACENAPHTHENE	20	0.26		0.24		1.2		1		0.46	
208-96-8	ACENAPHTHYLENE	210	0.04	U	0.033	U	0.53	U	0.01	U	0.04	U
120-12-7	ANTHRACENE	2100	0.053	J	0.048	J	0.53	U	0.02	U	0.03	U
56-55-3	**BENZO(A)ANTHRACENE**	0.05	0.014	U	0.012	U	0.053	U	0.01	U	0.014	U
50-32-8	BENZO(A)PYRENE	0.2	0.014	U	0.013	U	0.11	U	0.01	U	0.014	U
205-99-2	**BENZO(B)FLUORANTHENE**	0.05	0.015	U	0.015	U	0.053	U	0.02	U	0.015	U
191-24-2	BENZO(G,H,I)PERYLENE	210	0.015	U	0.019	U	0.11	U	0.03	U	0.015	U
207-08-9	BENZO(K)FLUORANTHENE	0.5	0.015	U	0.02	U	0.11	U	0.02	U	0.015	U
218-01-9	CHRYSENE	4.8	0.011	U	0.012	U	0.11	U	0.02	U	0.011	U
53-70-3	DIBENZO(A,H)ANTHRACENE	0.005	0.015	U	0.017	U	0.053	U	0.02	U	0.015	U
206-44-0	FLUORANTHENE	280	0.022	U	0.016	U	0.26	U	0.05	J	0.03	J
86-73-7	FLUORENE	280	0.41		0.36		2		0.48	J	0.041	U
193-39-5	INDENO(1,2,3-CD)PYRENE	0.05	0.016	U	0.017	U	0.053	U	0.02	U	0.016	U
91-20-3	NAPHTHALENE	14	0.046	U	0.027	U	0.33	J	0.21	J	0.046	U
85-01-8	PHENANTHRENE	210	0.038	U	0.024	U	1.2		0.07	J	0.038	U
129-00-0	PYRENE	210	0.021	U	0.014	U	0.26	U	0.04	J	0.6	
CALC055	BAP EQUIVALENT-HALFND	NA	0.014	U	0.013	U	0.11	U	0.01	U	0.014	U
	Inorganics (ug/L)											
7439-92-1	**LEAD**	15	0.53	J	1.2		3.4	U	2	U	1.1	
	Petroleum Hydrocarbons (ug/L)											
TTNUS001	TOTAL PETROLEUM HYDROCARBONS	5000										
TTNUS599	TPH (C08-C40)	5000	63	U	62	U	1430		2180	J	62	U

Notes:
Bold/shaded indicates an exceedance of FDEP GCTLs.
U=Analyte not detected above laboratory Method Detection Limit (MDL)
J = Analyte was detected at an estimated concentration
ug/L = micrograms per liter
GCTL = Groundwater Cleanup Target Level as provided in Chapter 62-777 and Chapter 62-550, Florida Administrative Code.
TRPHs = Total Recoverable Petroleum Hydrocarbons

TABLE 3-4

GROUNDWATER ANALYTICAL RESULTS
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 21 OF 24

CAS No.	sample_id sample_date location_id project_no sample_coc coc_no duplicate	FDEP GCTL	JAX25-MW15-20080813 20080813 JAX25-MW15 00132_20081002 JAX25-MW15-081308 26351		JAX25-MW16I-20080515 20080515 JAX25-MW16I 00132_20051129 JAX-PCA25-MW16I-051508 26140		JAX25-MW16I-20080813 20080813 JAX25-MW16I 00132_20081002 JAX-25MW16I081308 26350		JAX25-MW16I-20081112 20081112 JAX25-MW16I 00132_20081222 JAX25-MW16I-111208 2340		JAX25-TF-MW03-20080515 20080515 JAX25-TF-MW03 00132_20051129 AX-PCA25-TF-MW03-05150 26140	
	Volatile Organics (ug/L)											
71-55-6	1,1,1-TRICHLOROETHANE	200	0.21	U	0.17	U	0.21	U	0.21	U	0.17	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	0.15	U	0.14	U	0.15	U	0.15	U	0.14	U
79-00-5	1,1,2-TRICHLOROETHANE	5	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
75-34-3	1,1-DICHLOROETHANE	70	0.56	U	0.23	U	0.56	U	0.56	U	0.23	U
75-35-4	1,1-DICHLOROETHENE	7	0.16	U	0.27	U	0.16	U	0.16	U	0.27	U
120-82-1	1,2,4-TRICHLOROBENZENE	70	0.3	U	0.97	U	0.3	U	0.3	U	0.97	U
106-93-4	1,2-DIBROMOETHANE	0.02	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U
95-50-1	1,2-DICHLOROBENZENE	600	0.17	U	0.34	U	0.17	U	0.17	U	0.34	U
107-06-2	1,2-DICHLOROETHANE	3	0.15	U	0.18	U	0.15	U	0.15	U	0.18	U
78-87-5	1,2-DICHLOROPROPANE	5	0.057	U	0.18	U	0.057	U	0.057	U	0.18	U
541-73-1	1,3-DICHLOROBENZENE	210	0.14	U	0.34	U	0.14	U	0.14	U	0.34	U
106-46-7	1,4-DICHLOROBENZENE	75	0.14	U	0.21	U	0.14	U	0.14	U	0.21	U
110-75-8	2-CHLOROETHYL VINYL ETHER	NA	0.26	U	0.56	U	0.26	U	0.26	U	0.56	U
71-43-2	**BENZENE**	1	0.52	U	0.2	U	0.52	U	0.52	U	0.2	U
75-27-4	BROMODICHLOROMETHANE	0.6	0.1	U	0.15	U	0.1	U	0.1	U	0.15	U
75-25-2	BROMOFORM	4.4	0.12	U	0.24	U	0.12	U	0.12	U	0.24	U
74-83-9	BROMOMETHANE	9.8	0.14	U	0.2	U	0.14	U	0.14	U	0.2	U
56-23-5	CARBON TETRACHLORIDE	3	0.18	U	0.26	U	0.18	U	0.18	U	0.26	U
108-90-7	CHLOROBENZENE	100	0.15	U	0.19	U	0.15	U	0.15	U	0.19	U
124-48-1	CHLORODIBROMOMETHANE	0.4	0.11	U	0.25	U	0.11	U	0.11	U	0.25	U
75-00-3	CHLOROETHANE	12	0.19	U	0.24	U	0.19	U	0.19	U	0.24	U
67-66-3	CHLOROFORM	70	0.1	U	0.18	U	0.1	U	0.1	U	0.18	U
74-87-3	CHLOROMETHANE	2.7	0.17	U	0.21	U	0.17	U	0.17	U	0.21	U
156-59-2	CIS-1,2-DICHLOROETHENE	70	0.12	U	0.2	U	0.12	U	0.12	U	0.2	U
10061-01-5	CIS-1,3-DICHLOROPROPENE	NA	0.12	U	0.14	U	0.12	U	0.12	U	0.14	U
75-71-8	DICHLORODIFLUOROMETHANE	1400	0.23	U	0.25	U	0.23	U	0.23	U	0.25	U
100-41-4	ETHYLBENZENE	30	0.1	U	0.2	U	0.1	U	0.1	U	0.2	U
TTNUS054	M+P-XYLENES	NA	0.22	U	0.47	U	0.22	U	0.22	U	0.47	U
1634-04-4	METHYL TERT-BUTYL ETHER	20	0.072	U	0.16	U	0.072	U	0.072	U	0.16	U
75-09-2	METHYLENE CHLORIDE	5	0.72	U	0.51	U	0.72	U	0.72	U	0.51	U
95-47-6	O-XYLENE	NA	0.1	U	0.25	U	0.1	U	0.1	U	0.25	U
127-18-4	TETRACHLOROETHENE	3	0.22	U	0.44	U	0.22	U	0.22	U	0.44	U
108-88-3	TOLUENE	40	0.52	U	0.14	U	0.52	U	0.52	U	0.14	U
1330-20-7	TOTAL XYLENES	20										
156-60-5	TRANS-1,2-DICHLOROETHENE	100	0.13	U	0.22	U	0.13	U	0.13	U	0.22	U
10061-02-6	TRANS-1,3-DICHLOROPROPENE	NA	0.12	U	0.14	U	0.12	U	0.12	U	0.14	U
79-01-6	TRICHLOROETHENE	3	0.15	U	0.23	U	0.15	U	0.15	U	0.23	U
75-69-4	TRICHLOROFLUOROMETHANE	2100	0.25	U	0.26	U	0.25	U	0.25	U	0.26	U
75-01-4	**VINYL CHLORIDE**	1	0.25	U	**1.4 [G]**		0.98	J	0.25	U	0.23	U

TABLE 3-4

GROUNDWATER ANALYTICAL RESULTS
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 22 OF 24

CAS No.	sample_id sample_date location_id project_no sample_coc coc_no duplicate	FDEP GCTL	JAX25-MW15-20080813 20080813 JAX25-MW15 00132_20081002 JAX25-MW15-081308 26351		JAX25-MW16I-20080515 20080515 JAX25-MW16I 00132_20051129 JAX-PCA25-MW16I-051508 26140		JAX25-MW16I-20080813 20080813 JAX25-MW16I 00132_20081002 JAX-25MW16I081308 26350		JAX25-MW16I-20081112 20081112 JAX25-MW16I 00132_20081222 JAX25-MW16I-111208 2340		JAX25-TF-MW03-20080515 20080515 JAX25-TF-MW03 00132_20051129 AX-PCA25-TF-MW03-05150 26140	
	PAHs (ug/L)											
90-12-0	**1-METHYLNAPHTHALENE**	28	0.019	U	0.037	U	0.019	U	0.019	U	0.037	U
91-57-6	**2-METHYLNAPHTHALENE**	28	0.021	U	0.044	J	0.021	U	0.021	U	0.038	U
83-32-9	ACENAPHTHENE	20	0.017	U	0.04	U	0.017	U	0.017	U	1.2	
208-96-8	ACENAPHTHYLENE	210	0.033	U	0.04	U	0.033	U	0.033	U	0.04	U
120-12-7	ANTHRACENE	2100	0.012	U	0.03	U	0.012	U	0.012	U	0.031	U
56-55-3	**BENZO(A)ANTHRACENE**	0.05	**0.052 [G]**	J	0.016	J	0.012	U	0.012	U	0.023	J
50-32-8	BENZO(A)PYRENE	0.2	0.013	U	0.024	J	0.013	U	0.013	U	0.014	U
205-99-2	**BENZO(B)FLUORANTHENE**	0.05	0.015	U	**0.054 [G]**	J	0.015	U	0.015	U	0.015	U
191-24-2	BENZO(G,H,I)PERYLENE	210	0.019	U	0.029	J	0.019	U	0.019	U	0.015	U
207-08-9	BENZO(K)FLUORANTHENE	0.5	0.02	U	0.039	J	0.02	U	0.02	U	0.015	U
218-01-9	CHRYSENE	4.8	0.012	U	0.075	J	0.012	U	0.012	U	0.025	J
53-70-3	DIBENZO(A,H)ANTHRACENE	0.005	0.017	U	0.015	U	0.017	U	0.017	U	0.015	U
206-44-0	FLUORANTHENE	280	0.13		0.091	J	0.016	U	0.016	U	0.04	J
86-73-7	FLUORENE	280	0.015	U	0.041	U	0.015	U	0.015	U	0.041	U
193-39-5	INDENO(1,2,3-CD)PYRENE	0.05	0.017	U	0.024	J	0.017	U	0.017	U	0.016	U
91-20-3	NAPHTHALENE	14	0.027	U	0.046	U	0.027	U	0.027	U	0.046	U
85-01-8	PHENANTHRENE	210	0.076	J	0.058	J	0.024	U	0.024	U	0.038	U
129-00-0	PYRENE	210	0.091	J	0.095	J	0.014	U	0.014	U	0.56	
CALC055	BAP EQUIVALENT-HALFND	NA	0.0219		0.0414		0.013	U	0.013	U	0.0185	
	Inorganics (ug/L)											
7439-92-1	**LEAD**	15	0.2	U	6.5		0.2	U	1.6		0.2	U
	Petroleum Hydrocarbons (ug/L)											
TTNUS001	TOTAL PETROLEUM HYDROCARBONS	5000										
TTNUS599	TPH (C08-C40)	5000	62	U	62	U	62	U	100	U	62	U

Notes:
Bold/shaded indicates an exceedance of FDEP GCTLs.
U=Analyte not detected above laboratory Method Detection Limit (MDL)
J = Analyte was detected at an estimated concentration
ug/L = micrograms per liter
GCTL = Groundwater Cleanup Target Level as provided in Chapter 62-777 and Chapter 62-550, Florida Administrative Code.
TRPHs = Total Recoverable Petroleum Hydrocarbons

TABLE 3-4

GROUNDWATER ANALYTICAL RESULTS
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 23 OF 24

CAS No.	sample_id sample_date location_id project_no sample_coc coc_no duplicate	FDEP GCTL	JAX25-TF-MW03-20080812 20080812 JAX25-TF-MW03 00132_20081002 JAX-TFMW3-2008081208 26350		JAX25-TF-MW04-20080513 20080513 JAX25-TF-MW04 00132_20051129 AX-PCA25-TF-MW04-05130 26293		JAX25-TF-MW11-20080515 20080515 JAX25-TF-MW11 00132_20051129 AX-PCA25-TF-MW11-05150 26140		JAX25-TF-MW11-20080813 20080813 JAX25-TF-MW11 00132_20081002 JAX25-TFMW11-081308 26351		JAX25-TF-MW11-20081112 20081112 JAX25-TF-MW11 00132_20081222 JAX25-TFMW11-111208 2340		JAX25-TF-MW48-20080813 20080813 JAX25-TF-MW48 00132_20081002 JAX-25-TFMW48-081308 26350	
	Volatile Organics (ug/L)													
71-55-6	1,1,1-TRICHLOROETHANE	200	0.21	U	0.17	U	0.17	U	0.21	U	0.21	U	0.21	U
79-34-5	1,1,2,2-TETRACHLOROETHANE	0.2	0.15	U	0.14	U	0.14	U	0.15	U	0.15	U	0.15	U
79-00-5	1,1,2-TRICHLOROETHANE	5	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
75-34-3	1,1-DICHLOROETHANE	70	0.56	U	0.23	U	0.23	U	0.56	U	0.56	U	0.56	U
75-35-4	1,1-DICHLOROETHENE	7	0.16	U	0.27	U	0.27	U	0.16	U	0.16	U	0.16	U
120-82-1	1,2,4-TRICHLOROBENZENE	70	0.3	U	0.97	U	0.97	U	0.3	U	0.3	U	0.3	U
106-93-4	1,2-DIBROMOETHANE	0.02	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U	0.007	U
95-50-1	1,2-DICHLOROBENZENE	600	0.17	U	0.34	U	0.34	U	0.17	U	0.17	U	0.17	U
107-06-2	1,2-DICHLOROETHANE	3	0.15	U	0.18	U	0.18	U	0.15	U	0.15	U	0.15	U
78-87-5	1,2-DICHLOROPROPANE	5	0.057	U	0.18	U	0.18	U	0.057	U	0.057	U	0.057	U
541-73-1	1,3-DICHLOROBENZENE	210	0.14	U	0.34	U	0.34	U	0.14	U	0.14	U	0.14	U
106-46-7	1,4-DICHLOROBENZENE	75	0.14	U	0.21	U	0.21	U	0.14	U	0.14	U	0.14	U
110-75-8	2-CHLOROETHYL VINYL ETHER	NA	0.26	U	0.56	U	0.56	U	0.26	U	0.26	U	0.26	U
71-43-2	**BENZENE**	1	0.52	U	0.2	U	0.2	U	0.52	U	0.52	U	0.52	U
75-27-4	BROMODICHLOROMETHANE	0.6	0.1	U	0.15	U	0.15	U	0.1	U	0.1	U	0.1	U
75-25-2	BROMOFORM	4.4	0.12	U	0.24	U	0.24	U	0.12	U	0.12	U	0.12	U
74-83-9	BROMOMETHANE	9.8	0.14	U	0.2	U	0.2	U	0.14	U	0.14	U	0.14	U
56-23-5	CARBON TETRACHLORIDE	3	0.18	U	0.26	U	0.26	U	0.18	U	0.18	U	0.18	U
108-90-7	CHLOROBENZENE	100	0.15	U	0.19	U	0.19	U	0.15	U	0.15	U	0.15	U
124-48-1	CHLORODIBROMOMETHANE	0.4	0.11	U	0.25	U	0.25	U	0.11	U	0.11	U	0.11	U
75-00-3	CHLOROETHANE	12	0.19	U	0.24	U	0.24	U	0.19	U	0.19	U	0.19	U
67-66-3	CHLOROFORM	70	0.1	U	0.18	U	0.18	U	0.1	U	0.1	U	0.1	U
74-87-3	CHLOROMETHANE	2.7	0.17	U	0.21	U	0.21	U	0.17	U	0.17	U	0.17	U
156-59-2	CIS-1,2-DICHLOROETHENE	70	0.12	U	0.2	U	0.2	U	0.12	U	0.12	U	0.12	U
10061-01-5	CIS-1,3-DICHLOROPROPENE	NA	0.12	U	0.14	U	0.14	U	0.12	U	0.12	U	0.12	U
75-71-8	DICHLORODIFLUOROMETHANE	1400	0.23	U	0.25	U	0.25	U	0.23	U	0.23	U	0.23	U
100-41-4	ETHYLBENZENE	30	0.1	U	0.2	U	0.2	U	0.1	U	0.1	U	0.1	U
TTNUS054	M+P-XYLENES	NA	0.22	U	0.47	J	0.47	U	0.22	U	0.22	U	0.22	U
1634-04-4	METHYL TERT-BUTYL ETHER	20	0.072	U	0.16	U	0.16	U	0.072	U	0.072	U	0.072	U
75-09-2	METHYLENE CHLORIDE	5	0.72	U	0.51	U	0.51	U	0.72	U	0.72	U	0.72	U
95-47-6	O-XYLENE	NA	0.1	U	0.25	U	0.25	U	0.1	U	0.1	U	0.1	U
127-18-4	TETRACHLOROETHENE	3	0.22	U	0.44	U	0.44	U	0.22	U	0.22	U	0.22	U
108-88-3	TOLUENE	40	0.52	U	0.42	U	0.14	U	0.52	U	0.52	U	0.52	U
1330-20-7	TOTAL XYLENES	20												
156-60-5	TRANS-1,2-DICHLOROETHENE	100	0.13	U	0.22	U	0.22	U	0.13	U	0.13	U	0.13	U
10061-02-6	TRANS-1,3-DICHLOROPROPENE	NA	0.12	U	0.14	U	0.14	U	0.12	U	0.12	U	0.12	U
79-01-6	TRICHLOROETHENE	3	0.15	U	0.23	U	0.23	U	0.15	U	0.15	U	0.15	U
75-69-4	TRICHLOROFLUOROMETHANE	2100	0.25	U	0.26	U	0.26	U	0.25	U	0.25	U	0.25	U
75-01-4	**VINYL CHLORIDE**	1	0.25	U	0.23	U	**3.4 [G]**		**6.1 [G]**		**3.8 [G]**		0.25	U

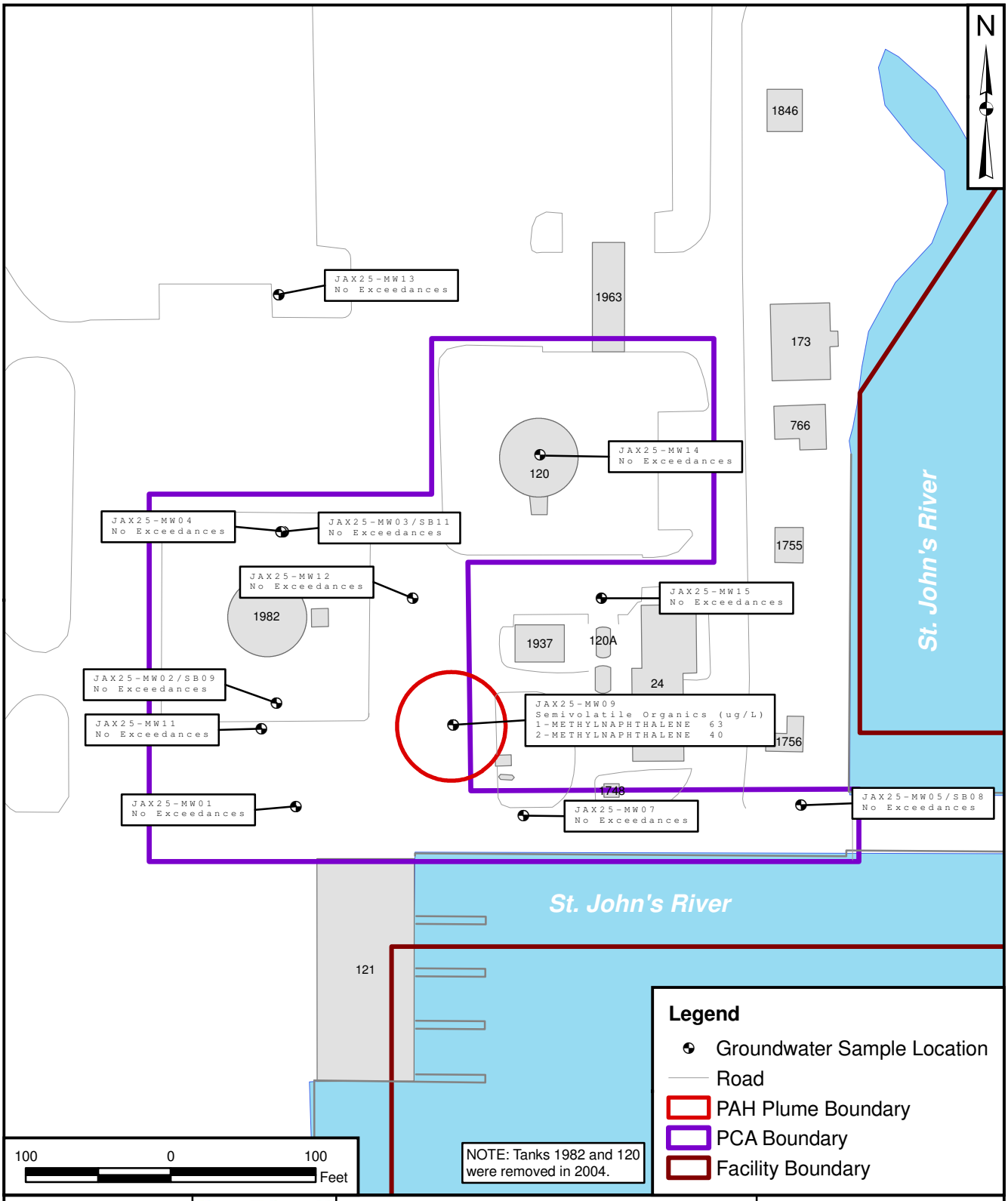
TABLE 3-4

GROUNDWATER ANALYTICAL RESULTS
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA
PAGE 24 OF 24

CAS No.	sample_id sample_date location_id project_no sample_coc coc_no duplicate	FDEP GCTL	JAX25-TF-MW03-20080812 20080812 JAX25-TF-MW03 00132_20081002 JAX-TFMW3-2008081208 26350		JAX25-TF-MW04-20080513 20080513 JAX25-TF-MW04 00132_20051129 AX-PCA25-TF-MW04-05130 26293		JAX25-TF-MW11-20080515 20080515 JAX25-TF-MW11 00132_20051129 AX-PCA25-TF-MW11-05150 26140		JAX25-TF-MW11-20080813 20080813 JAX25-TF-MW11 00132_20081002 JAX25-TFMW11-081308 26351		JAX25-TF-MW11-20081112 20081112 JAX25-TF-MW11 00132_20081222 JAX25-TFMW11-111208 2340		JAX25-TF-MW48-20080813 20080813 JAX25-TF-MW48 00132_20081002 JAX-25-TFMW48-081308 26350	
	PAHs (ug/L)													
90-12-0	**1-METHYLNAPHTHALENE**	28	0.023	J	0.24		0.037	U	0.019	U	0.019	U	0.055	J
91-57-6	**2-METHYLNAPHTHALENE**	28	0.021	U	0.24		0.038	U	0.021	U	0.021	U	0.07	J
83-32-9	ACENAPHTHENE	20	0.16		0.42		2.5		0.66		0.96		0.017	U
208-96-8	ACENAPHTHYLENE	210	0.033	U	0.041	U	0.04	U	0.033	U	0.033	U	0.033	U
120-12-7	ANTHRACENE	2100	0.012	U	0.031	U	0.031	U	0.012	U	0.012	U	0.012	U
56-55-3	**BENZO(A)ANTHRACENE**	0.05	0.012	U	0.014	U	0.014	U	0.012	U	0.012	U	0.012	U
50-32-8	BENZO(A)PYRENE	0.2	0.013	U	0.014	U	0.014	U	0.013	U	0.013	U	0.013	U
205-99-2	**BENZO(B)FLUORANTHENE**	0.05	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U
191-24-2	BENZO(G,H,I)PERYLENE	210	0.019	U	0.015	U	0.015	U	0.019	U	0.019	U	0.019	U
207-08-9	BENZO(K)FLUORANTHENE	0.5	0.02	U	0.015	U	0.015	U	0.02	U	0.02	U	0.02	U
218-01-9	CHRYSENE	4.8	0.012	U	0.011	U	0.011	U	0.012	U	0.012	U	0.012	U
53-70-3	DIBENZO(A,H)ANTHRACENE	0.005	0.017	U	0.015	U	0.015	U	0.017	U	0.017	U	0.017	U
206-44-0	FLUORANTHENE	280	0.016	U	0.023	U	0.022	U	0.016	U	0.016	U	0.016	U
86-73-7	FLUORENE	280	0.015	U	0.042	U	0.041	U	0.015	U	0.015	U	0.015	U
193-39-5	INDENO(1,2,3-CD)PYRENE	0.05	0.017	U	0.016	U	0.016	U	0.017	U	0.017	U	0.017	U
91-20-3	NAPHTHALENE	14	0.027	U	0.061	J	0.046	U	0.027	U	0.027	U	0.027	U
85-01-8	PHENANTHRENE	210	0.024	U	0.045	J	0.038	U	0.024	U	0.024	U	0.024	U
129-00-0	PYRENE	210	0.014	U	0.022	U	0.32		0.096	J	0.014	U	0.014	U
CALC055	BAP EQUIVALENT-HALFND	NA	0.013	U	0.014	U	0.014	U	0.013	U	0.013	U	0.013	U
	Inorganics (ug/L)													
7439-92-1	**LEAD**	15	0.2		4.3		0.2	U	0.7		0.2	U	3.4	
	Petroleum Hydrocarbons (ug/L)													
TTNUS001	TOTAL PETROLEUM HYDROCARBONS	5000												
TTNUS599	TPH (C08-C40)	5000	62	U	320	J	62	U	62	U	120	U	62	U

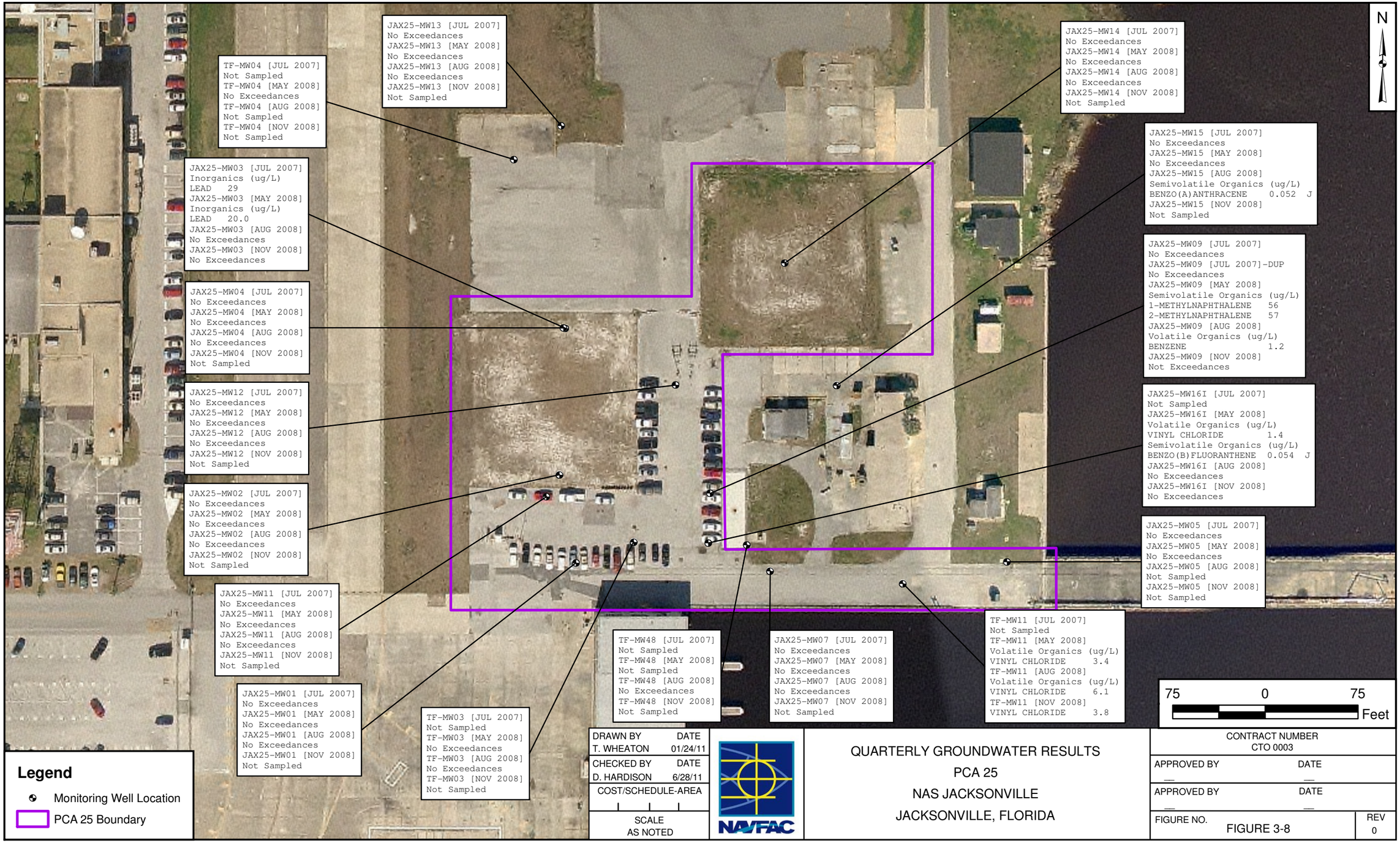
Notes:
Bold/shaded indicates an exceedance of FDEP GCTLs.
U=Analyte not detected above laboratory Method Detection Limit (MDL)
J = Analyte was detected at an estimated concentration
ug/L = micrograms per liter
GCTL = Groundwater Cleanup Target Level as provided in Chapter 62-777 and Chapter 62-550, Florida Administrative Code.
TRPHs = Total Recoverable Petroleum Hydrocarbons

PGH P:\GIS\JACKSONVILLE_NAS\MXD\PCA25_GW_PAH_TAG.MXD 6/28/11 KM



DRAWN BY	DATE		INITIAL INVESTIGATION	CONTRACT NUMBER	
K. MOORE	6/23/11		GROUNDWATER RESULTS	CTO 0154	
CHECKED BY	DATE		PCA 25	APPROVED BY / DATE	
D. HARDISON	6/28/11		NAS JACKSONVILLE	APPROVED BY / DATE	
REVISED BY	DATE		JACKSONVILLE, FLORIDA	FIGURE NO. 3-7	REV 0
SCALE AS NOTED		NAVFAC			

P:\GIS\JACKSONVILLE_NAS\MXD\PCA25_GW_TAGS.MXD 6/28/11 KM



DRAWN BY	DATE
T. WHEATON	01/24/11
CHECKED BY	DATE
D. HARDISON	6/28/11
COST/SCHEDULE-AREA	
SCALE AS NOTED	

NAVFAC

QUARTERLY GROUNDWATER RESULTS
PCA 25
NAS JACKSONVILLE
JACKSONVILLE, FLORIDA

CONTRACT NUMBER CTO 0003	
APPROVED BY	DATE
APPROVED BY	DATE
FIGURE NO. FIGURE 3-8	REV 0

4.0 HUMAN HEALTH RISK ASSESSMENT

This section presents the human health risk assessment (HHRA) for soil and groundwater at PCA 25. The objective of the risk assessment is to determine whether detected concentrations of chemicals in soil and groundwater pose significant threats to potential human receptors under current and/or future land use. The potential risks to receptors are estimated based on the assumption no further actions are taken to control contaminant releases or prevent receptor exposure.

4.1 HUMAN HEALTH RISK ASSESSMENT PROTOCOL

The following guidance documents and regulations were used to develop the HHRA methodology and to evaluate potential risks for each site:

- Conducting Human Health Risk Assessments under the Environmental Restoration Program, Department of the Navy, February 2001.
- Navy Policy on the Use of Chemical Background Levels, Department of the Navy, January 2004.
- Technical Report: Development of Cleanup Target Levels for Chapter 62-777, F.A.C., Florida Department of Environmental Protection (FDEP), February 2005.
- State of Florida Chapter 62-780 F.A.C., Contaminated Site Cleanup Criteria, April 2005.

The risk assessment presented in this report considers FDEP policies and guidelines available for conducting HHRAs. Quantitative risk estimates are developed for hypothetical on-site resident and industrial receptors exposed to soil (surface and subsurface) and groundwater using the “risk-ratio” approach defined in Section 4.1.3.2 USEPA Region IV supports the use of this technique. Additionally, comparisons of site soil and groundwater concentrations to FDEP CTLs recommended in FDEP Rule 62-780 are provided (4.1.1.2). This rule presents a phased risk-based corrective action process that is iterative and tailors site rehabilitation tasks to site-specific conditions and risks.

4.1.1 Data Evaluation Protocol

Data evaluation, the first component of a baseline HHRA, is a two-step, medium-specific task involving the compilation and evaluation of analytical data. The first step involves the compilation of the analytical database and an evaluation of data usability for purposes of HHRA. The second step of the data evaluation is the selection of a medium-specific list of chemicals of potential concern (COPCs) which are

used to quantitatively or qualitatively determine potential human health risks for site media. COPCs are selected primarily based on a toxicity screen (i.e., a comparison of site contaminant concentrations to conservative toxicity screening values) and a background screen (i.e., a comparison of site concentrations to background concentrations). In addition, as discussed below, factors such as frequency of detection are considered in some cases. The results of the COPC selection process are presented in Section 4.1.1.2.

4.1.1.1 Data Usability

Validated soil data collected from 2005 to 2007 and validated groundwater data collected from 2005 to 2008 were used to assess risks to potential human receptors. The data were validated according to USEPA National Validation Functional Guidelines for Organic Data Review (October 1999), the Laboratory and Data Validation Functional Guidelines for Evaluation of Inorganic Analysis (February 1994), and Tetra Tech SOPs.

Fixed-based analytical results from the field investigations were the data used in the quantitative risk evaluation. All detected concentrations with "J" qualifiers are considered positive detections and were used in the risk evaluation. Data with "U" and "UJ" qualifiers and data qualified because of blank contamination were retained and evaluated as nondetects. Field measurements and data regarded as unreliable (i.e., qualified as "R" during the data validation process) were not used in the quantitative risk assessment.

4.1.1.2 Selection of Chemicals of Potential Concern for Quantitative Risk Assessment

The selection of COPCs is a qualitative screening process used to limit the number of chemicals and exposure routes quantitatively evaluated in the baseline HHRA to those site-related constituents that dominate overall potential risks. Screening, primarily by risk-based concentrations and basewide background levels, is used to focus the risk assessment on meaningful chemicals and exposure routes.

In most cases, a chemical is selected as a COPC and retained for further quantitative risk evaluation if the maximum detection in a sampled medium exceeds the selected risk-based concentration(s) (i.e., the COPC screening level) and the chemical is determined to be present at concentrations exceeding background. This second condition applies only to those chemicals for which background comparison is possible and appropriate (e.g., metals). Background data are not available for organic chemicals. Chemicals eliminated from further evaluation at this time are assumed to present minimal risks to potential human receptors.

COPC Screening Levels

For all matrices evaluated, one-tenth of risk-based CTLs were used as COPC screening levels in order to account for cumulative effects on target organs/systems.

Soil

Screening concentrations based on the following criteria were used to select COPCs for surface and subsurface soil:

- Florida SCTLs for Direct Contact (FDEP, 2005)
- Florida SCTLs for Leachability Based on Groundwater Criteria (FDEP, 2005)

COPCs were identified from a total soil data set which consisted of the combined surface and subsurface soil data sets. Surface and subsurface soil data sets were combined because few surface soil samples were collected as the majority of the PCA 25 surface area is paved.

The FDEP SCTLs are based on a Hazard Quotient (HQ) of 1.0 (i.e., a no adverse non-carcinogenic effect level) or a cancer risk level of $1X10^{-6}$ (i.e., a one-in-one million probability of developing cancer).

Groundwater

Screening concentrations based on the following criteria were used to select COPCs for groundwater:

- Florida GCTLs (FDEP, 2005). The Florida GCTLs are based on ingestion only. Note that some of the GCTLs are calculated risk-based values while others are standards such as primary and secondary maximum contaminant levels (MCLs).

The screening levels used in the risk assessment conducted according to FDEP methodology were developed using the guidance provided in Appendices D and E of the Technical Report for Chapter 62-777 (FDEP, February 2005) and are presented in Table 4-1 and 4-2.

Screening Levels for Lead

Limited criteria are available to evaluate the potential risks associated with lead. There are no strictly risk-based concentrations for this chemical because the USEPA has not derived toxicity values [i.e., cancer slope factors (CSFs), reference doses (RfDs)] for lead. However, recommended screening levels are available for lead in soil and water and are frequently used to indicate the need for response activities. The Florida CTL and Safe Drinking Water Act Action Level of 15 µg/L was used as the

TABLE 4-1

SELECTION OF COPCs IN SOIL
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FL
PAGE 1 OF 2

COI [1]	FOD [2]	Max Conc	Max Sample ID	SCTL DER [3]	Adj. SCTL DER [4]	Exceeds Adj. SCTL DER	SCTL DEI [5]	Adj. SCTL DEI [6]	Exceeds Adj. SCTL DEI	SCTL LBGW [7]	Minimum SCTL [8]	Target System/Organ
VOLATILES (µg/kg)												
BENZENE	1/90	86.8	JAX25-SB42-S03	1200	120	NO	1700	170	NO	7	7	Carcinogen - Blood
CHLOROBENZENE	2/25	2170	JAX25-SB47-S03	120000	12000	NO	650000	65000	NO	1300	1300	Liver
ETHYLBENZENE	10/90	3600	JAX25-SB80-S03	1500000	150000	NO	9200000	920000	NO	600	**600**	Devolpmental - Kidney - Liver
METHYLENE CHLORIDE [(9)]	1/25	32.7	JAX25-SB41-S01	17000	1700	NO	26000	2600	NO	20	**20**	Carcinogen -Liver
M+P-XYLENES	4/62	2520	JAX25-SB42-S03	NA	NA	NO	NA	NA	NO	NA	NA	NA
M-XYLENE	5/11	528	JAX25-SB77-S05	NA	NA	NO	NA	NA	NO	NA	NA	NA
O-XYLENE	4/73	33.6	JAX25-SB47-S03	NA	NA	NO	NA	NA	NO	NA	NA	NA
TOLUENE	14/90	36	JAX25-SB47-S03	7500000	750000	NO	60000000	6000000	NO	500	500	Kidney - Liver - Neurological
TOTAL XYLENES	1/54	17	JAX25-SB85-S03	130000	13000	NO	700000	70000	NO	200	200	Neurological
SEMIVOLATILES (µg/kg)												
1-METHYLNAPHTHALENE	17/91	66100	JAX25-SB64-S03	200000	**20000**	YES	1800000	180000	NO	3100	**3100**	Nasal
2-METHYLNAPHTHALENE	21/91	64700	JAX25-SB64-S03	210000	**21000**	YES	2100000	210000	NO	8500	**8500**	Nasal
ACENAPHTHENE	17/91	3600	JAX25-SB01-S05	2400000	240000	NO	20000000	2000000	NO	2100	**2100**	Liver
ACENAPHTHYLENE	9/91	490	JAX25-SB96-S01	1800000	180000	NO	20000000	2000000	NO	27000	27000	Liver
ANTHRACENE	22/91	8300	JAX25-SB01-S05	21000000	2100000	NO	300000000	30000000	NO	2500000	2100000	None Specified
BAP EQUIVALENT [(10)]	45/91	9900	JAX25-SB01-S05	**100**	**10**	YES	**700**	**70**	YES	8000	**10**	Carcinogen
BENZO(A)ANTHRACENE	41/91	20000	JAX25-SB01-S05	*	*	NO	*	*	NO	800	**800**	Carcinogen
BENZO(A)PYRENE	36/91	6100	JAX25-SB01-S05	**100**	**10**	YES	**700**	**70**	YES	8000	**10**	Carcinogen
BENZO(B)FLUORANTHENE	38/91	15000	JAX25-SB01-S05	*	*	NO	*	*	NO	2400	**2400**	Carcinogen
BENZO(G,H,I)PERYLENE	36/91	2110	JAX25-SB31-S03	2500000	250000	NO	52000000	5200000	NO	3.2E+07	250000	Neurological
BENZO(K)FLUORANTHENE	27/91	3900	JAX25-SB01-S05	*	*	NO	*	*	NO	24000	24000	Carcinogen
CHRYSENE	40/91	6800	JAX25-SB01-S05	*	*	NO	*	*	NO	77000	77000	Carcinogen
DIBENZO(A,H)ANTHRACENE	18/91	246	JAX25-SB36-S03	*	*	NO	*	*	NO	700	700	Carcinogen
FLUORANTHENE	41/91	30000	JAX25-SB01-S05	3200000	320000	NO	59000000	5900000	NO	1200000	320000	Blood -Kidney - Liver
FLUORENE	20/91	3000	JAX25-SB65-S03	2600000	260000	NO	33000000	3300000	NO	160000	160000	Blood
INDENO(1,2,3-CD)PYRENE	31/91	940	JAX25-SB96-S01	*	*	NO	*	*	NO	6600	6600	Carcinogen
NAPHTHALENE	18/91	16000	JAX25-SB80-S03	55000	**5500**	YES	300000	30000	NO	1200	**1200**	Nasal
PHENANTHRENE	32/91	13000	JAX25-SB01-S05	2200000	220000	NO	36000000	3600000	NO	250000	220000	Kidney
PYRENE	42/91	21000	JAX25-SB01-S05	2400000	240000	NO	45000000	4500000	NO	880000	240000	Kidney
PETROLEUM HYDROCARBONS (mg/kg)												
TOTAL PETROLEUM HYDROCARBONS	51/91	15300	JAX25-SB31-S03	**460**	**46**	YES	**2700**	**270**	YES	340	**46**	Multiple Endpoints -Mixed Contaminants

TABLE 4-1

SELECTION OF COPCs IN SOIL
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FL
PAGE 2 OF 2

* Site concentrations for carcinogenic polycyclic aromatic hydrocarbons must be converted to Benzo(a)pyrene equivalents before comparison with the appropriate direct exposure SCTL, from F.A.C. Chapter 62-777, Table 2, dated April 2005.

Shaded screening criteria indicate that the corresponding maximum concentration exceeded the criteria. Shaded COIs indicate that the COI was retained as a COPC.

Footnotes

[1] Chemical of interest: any chemical detected in the media of concern.
[2] Frequency of detection: duplicates included but not counted.
[3] SCTL for a residential setting, from F.A.C. Chapter 62-777, Table 2, dated April 2005.
[4] Adjusted SCTL for a residential setting divided by 10 to account for culmulative affects on target organs/systems.
[5] SCTL for an industrial setting, from F.A.C. Chapter 62-777, Table 2, dated April 2005.
[6] Adjusted SCTL for an industrial setting divided by 10 to account for culmulative affects on target organs/systems.
[7] SCTL for leaching to groundwater, from F.A.C. Chapter 62-777, Table 2, dated April 2005.
[8] Initial screening criteria is the minimum of the adjusted SCTLs and the leaching SCTL.
[9] Chemical was not retained as a COPC because the sample was not detected in more than 5 percent of the samples collected.
[10] Benzo(a)pyrene equivalents were calculated using 1/2 the value of non-detected results.

Acryonms

Adj = Adjusted
BAP = Benzo(a)pyrene
COI = Chemical of Interest
COPC = Chemical of Potential Concern
Conc = Concentration
DEI = Direct Exposure Industrial
DER = Direct Exposure Residential
FOD = Frequency of Detection
ID = Indentification
Max. = Maximum
NA = Not Applicable
SCTL = Soil Target Cleanup Level

TABLE 4-2

SELECTION OF COPCS IN GROUNDWATER
PCA 25
NAS JACKSONVILLE
JACKSONVILLE, FL
PAGE 1 OF 2

COI[1]	FOD[2]	Maximum Conc		Maximum Sample ID	Florida GCTLs[3]	GCTL Criteria	Adj GCTL [4]	NJFB [5]	Target System Organ	COP Selection [6]
Volatile Organics (ug/l)										
1,1-DICHLOROETHANE	1/47	0.3	J	JAX25-MW13-20070705	70	Systemic Toxicant	7	NA	Kidney	No
BENZENE	5/59	1.2		JAX25-MW09-20080813	1	Primary Standard	**1**	NA	Blood	Yes
CIS-1,2-DICHLOROETHENE	4/47	1.6		JAX25-MW05-20070706	70	Primary Standard	70	NA	Blood	No
ETHYLBENZENE	9/59	5.9		JAX25-MW03-20080513	30	Secondary Standard	30	NA	Developmental, Kindey, Liver	No
M+P-XYLENES	4/45	1.3	J	JAX25-MW03-20080513	NA	NA	NA	NA		No
O-XYLENE	1/45	0.67	J	JAX25-MW03-20080513	NA	NA	NA	NA		No
TOTAL XYLENES	1/24	0.66	J	JAX25-MW03-20070705	20	Secondary Standard	20	NA	Neurological	No
TRANS-1,2-DICHLOROETHENE	2/47	2.3		JAX25-MW05-20070706	100	Primary Standard	100	NA	Blood Liver	No
VINYL CHLORIDE	6/47	6.1		JAX25-TF-MW11-20080813	1	Primary Standard	**1**	NA	Liver	Yes
Semivolatile Organics (ug/l)										
1-METHYLNAPHTHALENE	21/59	63		JAX25-MW09-20051207	28	Systemic Toxicant	**2.8**	NA	Nasal	Yes
2-METHYLNAPHTHALENE	17/59	57		JAX25-MW09-20080514	28	Systemic Toxicant	**2.8**	NA	Nasal	Yes
ACENAPHTHENE	39/59	2.5		JAX25-TF-MW11-20080515	20	Organoleptic	20	NA	Liver	No
FLUORENE	18/59	2		JAX25-MW15-20060425	280	Systemic Toxicant	28	NA	Blood	No
NAPHTHALENE	15/59	4		JAX25-MW03-20051207	14	Systemic Toxicant	**1.4**	NA	Nasal	Yes
Inorganics (ug/l)										
LEAD	29/59	29		JAX25-MW03-20070705	15	Primary Standard	**15**	45.8	Neurological	Yes
PAHs (ug/l)										
ACENAPHTHYLENE	1/49	0.82		JAX25-MW09-20080514	210	Systemic Toxicant	21	NA	Liver	No
ANTHRACENE	6/49	0.18		JAX25-MW09-20080514	2100	Systemic Toxicant	210	NA	None Specified	No
BENZO(A)ANTHRACENE	4/49	0.052	J	JAX25-MW15-20080813	0.05	Carcinogen	**0.005**	NA		Yes
BENZO(A)PYRENE	1/49	0.024	J	JAX25-MW16I-20080515	0.2	Primary Standard	0.2	NA		No
BAP EQUIVALENT-HALFND	4/59	0.041		JAX25-MW16I-20080515	0.2	Primary Standard	0.2	NA		No
BENZO(B)FLUORANTHENE	1/49	0.054	J	JAX25-MW16I-20080515	0.05	Carcinogen	**0.005**	NA		No
BENZO(G,H,I)PERYLENE	1/49	0.029	J	JAX25-MW16I-20080515	210	Systemic Toxicant	21	NA	Neurological	No
BENZO(K)FLUORANTHENE	1/49	0.039	J	JAX25-MW16I-20080515	0.5	Carcinogen	0.05	NA		No
CHRYSENE	2/49	0.075	J	JAX25-MW16I-20080515	4.8	Carcinogen	0.48	NA		No
FLUORANTHENE	9/49	0.36		JAX25-MW09-20080514	280	Systemic Toxicant	28	NA	Blood, Liver, Kidney	No
INDENO(1,2,3-CD)PYRENE	1/49	0.024	J	JAX25-MW16I-20080515	0.05	Carcinogen	**0.005**	NA		No
PHENANTHRENE	17/49	1.2		JAX25-MW15-20060425	210	Systemic Toxicant	21	NA	Kidney	No
PYRENE	18/49	0.6		JAX25-MW15-20080514 JAX25-MW07-20070705	210	Systemic Toxicant	21	NA	Neurological	No
Petroleum Hydrocarbons (ug/l)										
TOTAL PETROLEUM HYDROCARBONS	31/49	4810	J	JAX25-MW03-20070705	5000	Minimum Criteria	**500**	NA		Yes

TABLE 4-2

SELECTION OF COPCS IN GROUNDWATER
PCA 25
NAS JACKSONVILLE
JACKSONVILLE, FL
PAGE 2 OF 2

Shaded screening criteria indicate that the corresponding maximum concentration exceeded the criteria. Shaded COIs indicate that the COI was retained as a COPC.

Footnotes

[1] Chemical of interest: any chemical detected in the media of concern.

[2] Frequency of detection: duplicates included but not counted

[3] Groundwater Cleanup Target Level criteria, from F.A.C. Chapter 62-777, Table 2, dated April 2005

[4] Adjusted GCTL, GCTL risk based criteria divided by 10 to account for culmulative affects on target organs/systems.

[5] NAS Jacksonville Facility Background. ABB-ES, 1996. Remedial Investigation and Feasibility Study for Operable Unit 1, Naval Air Station (NAS) Jacksonville, Florida.

[6] Chemical was retained as a COPC if the maximum concentration is greater than the adjusted GCTL and detected in at least 5 percent of the samples.

[7] Lead is retained as a COPC but risks were not calculated, because the maximum detected lead concentration did not exceed the corresponding site background concentration.

Acryonms

Adj = Adjusted
COI = Chemical of Interest
COPC = Chemical of Potential Concern
Conc = Concentration
FOD = Frequency of Detection
ID = Indentification
Max = Maximum
NA = Not Applicable
NAS = Naval Air Station
NJFB = NAS Jacksonville Facility Background

screening level for lead in groundwater and lead was not a chemical of interest (COI) in soil; therefore, no lead soil screening levels were necessary for this risk assessment.

Essential Nutrients and Chemicals without Toxicity Criteria

The essential nutrients calcium, magnesium, potassium, and sodium are not included in the COPC screening process. These inorganic chemicals are naturally abundant in environmental matrices and are only toxic at high doses and, because of the lack of toxicity criteria, risk-based COPC screening levels are not available for these chemicals in the FDEP CTL tables.

Background Screen

Background concentrations are those that would exist in the absence of influence from site operations. The development of groundwater and soil background datasets for NAS Jacksonville is presented in the Remedial Investigation and Feasibility Study for Operable Unit 1, Naval Air Station (NAS) Jacksonville, Florida written by ABB-ES (ABB Environmental Services, Inc.), in 1996. For NAS Jacksonville, facility background concentrations were developed for metals. During the COPC screening process, COIs with corresponding facility background concentrations were compared to those background concentrations in addition to screening levels. If the maximum concentration of a given parameter exceeded the corresponding screening level but did not exceed the corresponding background concentration then risks for that parameter were not calculated; however, the parameter was retained as a non-site related COPC and discussed in the risk characterization section in accordance with the Navy Policy on the Use of Background Chemical Levels (Department of the Navy, January 2004) and is discussed further below.

The elimination of chemicals as site-related COPCs on the basis of background comparisons follows Navy Policy on the Use of Background Chemical Levels (Department of the Navy, January 2004). Navy policy applies to the screening-level risk assessment and requires the following:

1. A clear and concise understanding of chemicals released from a site thus ensuring the Navy is focusing on remediating the release.

2. The use of background data in the screening-level risk assessment.
   a. The comparison of site chemical levels to risk-based screening criteria.
   b. The comparison of site chemical levels to background concentrations.
   c. The identification of site-related COPCs based on screening criteria comparisons and background comparisons. Site-related COPCs are those chemicals with concentrations exceeding risk-based screening criteria and background concentrations. To the extent possible,

site-related COPCs are further evaluated quantitatively in the baseline risk assessment. (Non site-related COPCs are further discussed in the risk characterization section.)

3. The consideration of background in the risk assessment.
   a. The calculation of risk estimates for site-related COPCs only.
   b. The further evaluation of non-site-related COPCs in the risk characterization section only (e.g., the evaluation of chemicals detected at concentrations exceeding screening criteria but less than background concentrations).

4. The selection of site cleanup remedial goals at levels not less than background levels. Additionally, cleanup levels should not be developed for chemicals not identified as chemicals of concern (COCs). As defined in the Navy guidance, COCs are site-related COPCs found to be the risk drivers in the baseline risk assessment and that may pose unacceptable human health risks.

The results of the background screens are presented in Table 4-2. Background concentrations were only developed for metals and no metal parameters were selected as COIs in soil; therefore, only the groundwater COI that was also a metal parameter (lead) was compared to site background.

Frequency Screen

If an analyte is detected in less than 5 percent of the samples, it may not be selected as a COPC (FDEP, February 2005). A frequency screen is conducted only when there are 20 or more samples of the medium of concern. The decision to eliminate a chemical because of low detection frequency is also based on site history (i.e., is there a reason to believe a chemical may or may not be related to historical site activities) and the magnitude of the concentration (i.e., does the concentration of a chemical indicate a potential hotspot area).

4.1.2 Decision Rules for Establishing Chemicals of Potential Concern

The applicable decision rules for the selection of COPCs are as follows:

- A chemical is selected as a COPC for soil or groundwater if the maximum detected concentration exceeds the screening level and if the background screen indicates the site concentrations are greater than the corresponding background concentrations.

- Individual chemicals may be eliminated as COPCs if they are detected at a frequency of less than 5 percent in any given medium but only if there are no other indications the chemical would pose an unacceptable risk to receptors (e.g., there is no evidence of a contaminant “hot spot”). Chemicals

exhibiting unusually high concentrations or those that are clearly site-related may be retained as COPCs at the discretion of the human health risk assessor.

- If a chemical is not detected in any of the samples in a particular medium, and the detection limits exceeds the risk-based screening levels, the chemical is not selected as a COPC but is qualitatively discussed in the uncertainty analysis section.

- The essential nutrients (calcium, magnesium, potassium, and sodium) are not identified as COPCs.

- Chemicals with concentrations exceeding toxicity screening concentrations but determined to be less than background concentrations based on the background screen are not selected as site-related COPCs. However, as stated previously, no chemicals were eliminated as non-site related COPCs on the basis of background alone.

4.1.3 Exposure Assessment/Estimation of Risk

The exposure assessment defines and evaluates, quantitatively or qualitatively, the type and magnitude of human exposure to the chemicals present at or migrating from the site. Actual or potential exposures at a site are determined based on the most likely pathways of contaminant release and transport, as well as human activity patterns. A complete exposure pathway has three components: (1) a source of chemicals that can be released to the environment, (2) a route of contaminant transport through an environmental medium, and (3) an exposure or contact point for a human receptor. Current or potential human exposures identified are evaluated using the “risk-ratio” approach defined in Section 4.1.3.2. As noted above, this approach is supported by USEPA Region 4. The approach uses exposure point concentrations (EPCs) for the COPCs in soil and groundwater and relevant risk-based concentrations to generate cancer and non-cancer risk estimates for receptors of concern. The risk-based concentrations for soil used to estimate risk are the FDEP SCTLs developed for the residential and industrial land use scenarios. The risk-based concentrations for groundwater used to estimate risks are the risk-based FDEP GCTLs as presented in F.A.C. Chapter 62-777, Table 1, or calculated risk-based GCTLs. If FDEP GCTLs presented in F.A.C. Chapter 62-777, Table 1, were not risk-based values (e.g. primary standard), then risk-based GCTLs were derived in accordance with the Technical Report: Development of Cleanup Target Levels for Chapter 62-777, F.A.C., (FDEP, 2005). The risk-based concentrations define and incorporate all the exposure factors (e.g., soil and water ingestion rates) used to determine chemical intake/exposure by receptors of concern.

4.1.3.1 Calculation of Exposure Point Concentrations

The EPC, calculated for COPCs only, is a reasonable estimate of the chemical concentration likely to be contacted over time by a receptor and is used to calculate estimated exposure intakes. Calculation of EPCs considered guidance described in Florida's 62-780 F.A.C. (FDEP, 2005).

The 95-percent upper confidence limit (UCL), which is based on the distribution of a dataset, is considered to be the best estimate of the exposure concentration for datasets with 10 or more samples (USEPA, May 1992). For datasets with less than 10 samples, the UCL is considered to be a poor estimate of the mean, and the EPC is defined as the maximum concentration. As specified in Chapter 62-780, F.A.C., the Florida UCL Calculator tool (Version 1.0) was used to calculate the UCLs (Appendix G).

The following decision rules were used to calculate EPCs:

- If a soil dataset contains fewer than 10 samples, the EPC is defined as the maximum detected concentration.

- If a soil dataset contains 10 or more samples, the 95-percent UCL on the arithmetic mean (calculated using the Florida UCL Calculator Tool), which is based on the distribution of the dataset, was selected as the EPC.

- If the calculated 95-percent UCL exceeded the maximum detected concentration, the maximum concentration was used as the EPC.

- Sample and duplicate analytical results were averaged before the EPC was calculated.

The EPCs for groundwater used in the USEPA risk evaluation are the maximum detected concentrations.

4.1.3.2 Chemical Intake and Risk Estimation

Cancer and non-cancer risk estimates for COPCs detected in soil and groundwater were determined using the following simple "risk ratio" technique, which involves the selection (or development) of risk-based concentrations established at the $1x10^{-6}$ cancer risk level or HQ of 1 and the calculation of cancer and non-cancer risks based on the EPC and the risk based concentration:

$$\frac{\text{Risk - Based Concentration}}{\text{EPC for COPC}} = \frac{\text{HQ of 1 or Cancer Risk Estimate of 1E - 06}}{\text{HQ or Cancer Risk Estimate for COPC}}$$

This is a valid technique for estimating risk because all of the intake and risk characterization equations used to develop risk-based concentrations are linear. The risk-based concentrations used in the HHRAs for the evaluation of exposure to soil are the FDEP SCTLs or risk-based concentrations based on the methodology for the development of residential and industrial SCTLs presented in the Technical Report: Development of Cleanup Target Levels for Chapter 62-777 (FDEP, 2005). Since some Florida groundwater CTLs are not risk-based values, the risk-based GCTLs calculated in accordance with the FDEP technical guidance are used in the risk ratio calculations.

4.1.4 Toxicity Assessment Protocol

The objective of a toxicity assessment is to identify the potential for human health hazards and adverse effects in exposed populations. A significant portion of the toxicity assessment of the HHRAs has been completed because CSFs and RfDs were selected by the state of Florida during the development of the residential and industrial soil SCTLs and GCTLs. A CSF is an indicator of the potency of a chemical carcinogen (i.e., the greater the CSF, the more potent the carcinogen). An RfD is the dose at or below which adverse non-carcinogenic effects are not anticipated. These factors represent quantitative estimates of the relationship between the magnitude and types of exposures and the severity or probability of human health effects and were used to develop risk-based concentrations as described above.

4.1.4.1 Sources of Toxicity Criteria

Oral and inhalation RfDs and CSFs used in the HHRAs were obtained from the following primary recommended USEPA sources:

- Integrated Risk Information System (IRIS) (online)

- USEPA Provisional Peer Reviewed Toxicity Values (PPRTVs) – The Office of Research and Development/National Center for Environmental Assessment (NCEA) Superfund Health Risk Technical Support Center develops PPRTVs on a chemical-specific basis when requested by USEPA's Superfund program.

- Tables 5a and 5b of the FDEP 62-777 Technical Report (FDEP, February 2005).

- Other Toxicity Values – These sources include but are not limited to California Environmental

Protection Agency (Cal EPA) toxicity values, the Agency for Toxic Substances and Disease Registry (ATSDR) Minimal Risk Levels (MRLs), and the Annual Health Effects Assessment Summary Tables (HEAST) (USEPA, July 1997).

Although RfDs and CSFs can be found in several toxicological sources, USEPA's IRIS online database, which is continuously updated, is the preferred source of toxicity values.

4.1.4.2 Toxicity Criteria for Carcinogenic Effects of PAHs

Limited toxicity values are available to evaluate the carcinogenic effects from exposure to PAHs. The most extensively studied PAH is benzo(a)pyrene, which is classified by the USEPA as a probable human carcinogen. Although CSFs are available for benzo(a)pyrene, insufficient data are available to calculate CSFs for other carcinogenic PAHs. Toxic effects for these chemicals were evaluated using the concept of estimated orders of potential potency, as presented in the Rule 62-777 Technical Report. Toxicity Equivalence Factors (TEFs), which indicate the potency of each PAH compound relative to that of benzo(a)pyrene, are available for select carcinogenic PAHs. The equivalent oral and inhalation CSFs for PAHs other than benzo(a)pyrene are derived by multiplying the CSF for benzo(a)pyrene by the TEF for the PAH compounds (FDEP, 2005).

These TEFs were used to convert the individual carcinogenic PAH concentrations to an equivalent concentration of benzo(a)pyrene. Both the COPC screening and quantitative risk estimates were based on an evaluation of the equivalent concentrations of benzo(a)pyrene. The carcinogenic PAHs actually detected at least once in a soil dataset were used in the calculation. Non-detect results were assigned a value of ½ the sample quantitation limit prior to the calculation. However, those carcinogenic PAHs not detected in any sample within the dataset were not considered in the calculation. If carcinogenic PAHs were not detected in a sample, ½ the sample quantitation limit presented for benzo(a)pyrene was used to calculate the equivalent concentration of benzo(a)pyrene in that sample.

4.2 RISK CHARACTERIZATION

This section provides a characterization of the human health risks associated with the potential exposures to chemicals in soil and groundwater at PCA 25. The results of the risk characterization are discussed below. Potential risks (non-carcinogenic and carcinogenic) for individual chemicals detected in soil and groundwater at PCA 25 were estimated using the simple risk ratio approach presented in Section 4.1.3.2 for the residential and industrial receptors. Risks to human receptors are characterized in Tables 4-3, 4-4, and 4-5.

TABLE 4-3

RESIDENTIAL RISK CHARACTERIZATION OF SOIL
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FL

Chemical	Units	Incremental Lifetime Carcinogenic Risk (ILCR)			Estimated Non-Carcinogenic Hazard Quotient (HQ)		
		FDEP Recommended UCL [1]	STCL DER [2]	Estimated ILCR	Primary Target Organs	STCL DER [2]	Estimated HQ
Ethylbenzene	ug/kg	310	NA	NA	Devolpmental - Kidney - Liver	1500000	0.00
1-Methylnaphthalene	ug/kg	5300	NA	NA	Nasal	200000	0.03
2-Methylnaphthalene	ug/kg	6300	NA	NA	Nasal	210000	0.03
Acenaphthene	ug/kg	390	NA	NA	Liver	2400000	0.00
BAP Equivalent	ug/kg	780	100	7.8E-06	Carcinogen	NA	NA
Naphthalene	ug/kg	1100	NA	NA	Nasal	55000	0.02
Total Petroleum Hydrocarbons	mg/kg	2000	NA	NA	Multiple Endpoints -Mixed Contaminants	460	4.35
				Total ILCR	7.8E-06	**Total (HI)**	4.4

Footnotes
1 - FDEP Recommended UCL as calculated using the Fl UCL calculator.
2 - Source: F.A.C. Chapter 62-777, Table 2, dated April 2005.

Target Organ HIs

Total Devolpmental HI =	0.00
Total Kidney HI =	0.00
Total Liver HI =	0.00
Total Nasal HI =	0.08

Acroynms
BAP = Benzo(a)pyrene
DER = Direct Exposure Residential
FDEP = Florida Department of Environmental Protection
HI = Hazard Index
HQ = Hazard Quotient
ILCR = Incremental Lifetime Carcinogenic Risk
LBGW = Leachability Based on Groundwater
Min = Minimium
NA = Not Applicable
ORNL = Oak Ridge National Laboratory
RSL = Regional Screening Level
STCL = Soil Target Cleanup Level
UCL = Upper Confidence Limit

TABLE 4-4

INDUSTRIAL RISK CHARCTERIZATION OF SOIL
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FL

Chemical	Units	Incremental Lifetime Carcinogenic Risk (ILCR)			Estimated Non-Carcinogenic Hazard Quotient (HQ)		
		FDEP Recommended UCL [1]	STCL DEI [2]	Estimated ILCR	Primary Target Organs	STCL DEI [2]	Estimated HQ
Ethylbenzene	ug/kg	310	NA	NA	Devolpmental - Kidney - Liver	9200000	0.00
1-Methylnaphthalene	ug/kg	5300	NA	NA	Nasal	1800000	0.00
2-Methylnaphthalene	ug/kg	6300	NA	NA	Nasal	2100000	0.00
Acenaphthene	ug/kg	390	NA	NA	Liver	20000000	0.00
BAP Equivalent	ug/kg	780	700	1.1E-06	Carcinogen	NA	NA
Naphthalene	ug/kg	1100	NA	NA	Nasal	300000	0.00
Total Petroleum Hydrocarbons	mg/kg	2000	NA	NA	Multiple Endpoints -Mixed Contaminants	2700	0.74
				Total ILCR 1.1E-06			**Total (HI)** 0.8

Footnotes
1 - FDEP Recommended UCL as calculated using the Fl UCL calculator.
2 - Source: F.A.C. Chapter 62-777, Table 2, dated April 2005.

Target Organ HIs

Total Devolpmental HI =	0.00
Total Kidney HI =	0.00
Total Liver HI =	0.00
Total Nasal HI =	0.01

Acroynms
BAP = Benzo(a)pyrene
DEI = Direct Exposure Industrial
FDEP = Florida Department of Environmental Protection
HI = Hazard Index
HQ = Hazard Quotient
ILCR = Incremental Lifetime Carcinogenic Risk
LBGW = Leachability Based on Groundwater
Min = Minimium
NA = Not Applicable
ORNL = Oak Ridge National Laboratory
RSL = Regional Screening Level
STCL = Soil Target Cleanup Level
UCL = Upper Confidence Limit

TABLE 4-5

RISK CHARACTERIZATION OF GROUNDWATER
PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FL

Chemical	Units	Incremental Lifetime Carcinogenic Risk (ILCR)			Estimated Non-Carcinogenic Hazard Quotient (HQ)		
		Maximum Concentration	GCTL [1]	Estimated ILCR	Primary Target Organs	GCTL [1]	Estimated HQ
BENZENE	UG/L	1.2	0.64	1.9E-06	Blood	28	0.0
VINYL CHLORIDE	UG/L	6.1	0.049	1.2E-04	Liver	21	0.3
1-METHYLNAPHTHALENE	UG/L	63	NA	NA	Nasal	28	2.3
2-METHYLNAPHTHALENE	UG/L	57	NA	NA	Nasal	28	2.0
NAPTHALENE	UG/L	4	NA	NA	Nasal	14	0.3
BENZO(A)ANTHRACENE	UG/L	0.052	0.05	1.0E-06		NA	NA
TOTAL PETROLEUM HYDROCARBONS	UG/L	4810	NA	NA	Multiple Endpoints - Mixed Contaminants	5000	1.0
			Total ILCR	1.3E-04		**Total (HI)**	5.9

Footnotes

1 - Source: F.A.C. Chapter 62-777, Table 1, dated April 2005. Risked-based GCTLs were calculated for benzene and vinyl chloride because the criteria presented for those compounds in F.A.C. Chapter 62-777, Table 1, are based on primary standards.

Acronyms

GCTL = Groundwater Cleanup Target Level

FDEP = Florida Department of Environmental Protection

HI = Hazard Index

HQ = Hazard Quotient

ILCR = Incremental Lifetime Carcinogenic Risk

Min = Minimium

NA = Not Applicable

	Target Organ HIs
Total Liver HI =	0.3
Total Nasal HI =	4.6
Total Blood HI =	0.0

4.2.1 Evaluation of Chemicals Other Than Lead

Quantitative estimates of risk for chemicals other than lead were calculated according to risk assessment methods outlined in Section 4.1.3.2. The methodology is based on standard USEPA guidance (December 1989). Lifetime cancer risks are expressed in the form of dimensionless probabilities referred to as incremental lifetime cancer risks (ILCRs), which are based on CSFs. An ILCR of $1x10^{-6}$ indicates the exposed receptor has an one-in-one-million chance of developing cancer under the defined exposure scenario. Alternatively, such a risk may be interpreted as representing one additional case of cancer in an exposed population of one million persons. Cancer risk estimates developed for individual chemicals are summed and presented as the total cancer risk estimate for each receptor. Non-carcinogenic risk estimates for individual chemicals are presented as HQs, which are based on RfDs. A HQ is the ratio of the intake to the RfD and is an indicator of the potential for adverse non-carcinogenic health effects. A hazard index (HI) is generated by summing the individual HQs for all COPCs. The HI is not a mathematical prediction of the severity of toxic effects and therefore is not a true "risk"; it is simply a numerical indicator of the possibility of the occurrence of non-carcinogenic (threshold) effects. As discussed below, HIs were calculated on a target organ/target effect basis.

4.2.2 Interpretation of Quantitative Risk Assessment Results

To interpret the quantitative risks and to aid risk managers in determining the need for remediation at a site, quantitative risk estimates are compared to typical risk benchmarks. Calculated ILCRs are interpreted using the state of Florida goal for a total cancer risk of $1x10^{-6}$. HIs are evaluated using a value of 1.0. These benchmarks are used in the interpretation of the risk characterization results.

An HI exceeding unity (1.0) indicates there may be potential non-carcinogenic health risks associated with exposure. However, when an HI exceeds unity, target organs effects associated with exposure to COPCs are considered. Only the HQs for those chemicals affecting the same target organ(s) or exhibit similar critical effect(s) are regarded as truly additive. Consequently, it may be possible for a cumulative HI to exceed 1.0, but no adverse health effects are anticipated if the COPCs do not affect the same target organ or exhibit the same critical effect (i.e., the HIs developed on a target-organ-specific basis do not exceed 1). Individual target organ HIs for all receptors are presented in the risk calculation in Tables 4-3, 4-4, and 4-5.

4.2.3 Risk Characterization

This section contains a summary of the results of the risk characterization for PCA 25 conducted according to USEPA guidance. Quantitative risk estimates for potential human receptors were developed for those chemicals identified as COPCs in Tables 4-1 and 4-2. Potential cancer risks and HIs were

calculated using the methodology presented in Section 4.1.3.2 and are presented in Tables 4-3, 4-4, and 4-5. The results are discussed below.

Table 4-1 presents the initial screening process; lists all chemicals detected in soil, their frequency of detection and maximum concentrations, the state of SCTLs for residential and industrial land use, and for soil leaching to groundwater as well as chemicals selected as COPCs. The COPC screening process identified 10 chemicals in soil whose maximum detected concentrations exceeded the minimum SCTLs (either the adjusted SCTLs for residential or industrial direct contact, or the leaching to groundwater SCTL). Methylene chloride was not selected as a COPC because this chemical was detected in less than 5 percent of the samples collected and analyzed for that parameter. Benzo(a)pyrene, carcinogenic PAHs (represented as a benzo(a)pyrene equivalent), 1-methylnaphthalene, 2-methylnaphthalene, naphthalene, and total petroleum hydrocarbons (TPH) were retained as COPCs due to exceedances of corresponding residential direct contact SCTLs. Benzo(a)pyrene, carcinogenic PAHs, and TPH concentrations exceeded corresponding industrial direct contact SCTLs. Acenaphthene, benzo(a)pyrene, carcinogenic PAHs, benzo(a)anthracene, benzo(b)fluoranthene, ethylbenzene, 1-methylnaphthalene, 2-methylnaphthalene, naphthalene, and TPH were retained as COPCs due to exceedances of corresponding SCTLs for leaching to groundwater.

Table 4-2 presents the initial screening process, lists all chemicals detected in groundwater, their frequency of detection and maximum concentrations, the state of Florida GCTLs for drinking water, and identifies the COPCs. COIs whose maximum concentration did not exceed the adjusted GCTL were eliminated from further evaluation as COPCs. The COPC screening process identified 10 COIs in groundwater whose maximum detected concentrations exceeded the corresponding adjusted GCTL. Benzo(b)fluoranthene and indeno(1,2,3-cd)pyrene were not selected as a COPCs because those chemicals were detected in less than 5 percent of the samples collected and analyzed for those parameters. Benzene, benzo(a)anthracene, lead, naphthalene, TPH, vinyl chloride, 1-methylnaphthalene, and 2-methylnaphthalene were retained as COPCs due to exceedances of corresponding adjusted GCTLs. Lead was not retained as a site-related COPC because the maximum concentration of lead detected was less than the developed facility background concentration. Lead concentrations in groundwater do exceed screening levels; however, based on facility background studies those lead concentrations less than background are not attributed to site-related releases.

4.2.3.1 Non-Carcinogenic Risk

For residential exposure to soil, the HQ for TPH is greater than unity but the total HIs for individual target organs are all less then unity. For industrial exposure to soil, the individual compound HQs, the total HI, and HIs based on individual target organs are all less than unity.

For exposure to groundwater, the total HI, and the nasal HI exceed unity. The non-carcinogenic risks from 1-methylnaphthalene, 2-methylnaphthalene, and naphthalene exceed unity; however, the non-carcinogenic risks from the remaining COPCs are less than unity.

4.2.3.2 Carcinogenic Risk

For residential exposure to soil, the ILCR ratio estimate for carcinogenic PAHs exceeds the FDEP target ILCR (1×10^{-6}). No other compounds contribute to the ILCR estimate. For industrial exposure to soil, the ILCR is 1.1×10^{-6}, due entirely to carcinogenic PAHs, which is essentially equivalent to the FDEP target ILCR of 1×10^{-6}.

For exposure to groundwater, the total ILCR is 1.3×10^{-4}. Benzene and vinyl chloride are the primary contributors to the carcinogenic risk. The ILCR from benzo(a)anthracene was equal to the FDEP ILCR target. The total ILCR exceeds the FDEP target risk level.

4.2.4 Evaluation of Soil Contaminants Leaching to Groundwater

Acenaphthene, benzo(a)pyrene, carcinogenic PAHs, benzo(a)anthracene, benzo(b)fluoranthene, ethylbenzene, 1-methylnaphthalene, 2- methylnaphthalene, naphthalene, and TPH were retained as COPCs due to exceedances of corresponding SCTLs for leaching to groundwater. All of those compounds were detected to some degree in groundwater. For example ethylbenzene, acenaphthene, carcinogenic PAHs, and benzo(a)pyrene were detected in groundwater at the following respective frequencies 9/59, 39/59, 4/59, and 1/49; however, none of these chemical compounds exceeded the corresponding GCTL. Benzo(b)fluoranthene was detected in 1 of 49 groundwater samples at a concentration that exceeded the corresponding GCTL; however, it was not retained as a COPC because it was detected in less than 5 percent of the groundwater samples collected and analyzed for that parameter. Benzo(a)anthracene, 1-methylnaphthalene, 2-methylnaphthalene, naphthalene, and TPH were all detected in groundwater at concentrations that exceed their respective GCTLs, indicating that concentrations of those chemicals may be leaching from soil to groundwater at levels that may potentially affect human health.

4.3 HUMAN HEALTH RISK ASSESSMENT UNCERTAINTY ANALYSIS

This section presents a summary of uncertainties inherent in the risk assessment and includes a discussion of how they may affect the quantitative risk estimates and conclusions of the risk analysis. The HHRA “risk-ratio” evaluation for PCA 25 was performed in accordance with current USEPA and Florida guidance. However, there are varying degrees of uncertainty associated with the HHRA. The following sections

discuss general uncertainties in risk assessment and uncertainties specific to the risk assessment for PCA 25.

Uncertainty in the selection of COPCs was related to the current status of the predictive databases, the grouping of samples, the numbers, types and distributions of samples, data quality, and the procedures used to include or exclude constituents as COPCs. Uncertainty associated with the exposure assessment included the values used as input variables for a given intake route or scenario, the assumptions made to determine EPCs, and the predictions regarding future land use and population characteristics. Uncertainty in the toxicity assessment included the quality of the existing toxicity data needed to support dose-response relationships and the weight-of-evidence used to determine the carcinogenicity of COPCs. Uncertainty in risk characterization was associated with exposure to multiple chemicals and the cumulative uncertainty from combining conservative assumptions made in earlier steps of the risk assessment process.

Whereas there were various sources of random uncertainty and bias, the magnitude of bias and uncertainty and the direction of bias was influenced by the assumptions made throughout the risk assessment including selection of COPCs and selection of values for dose-response relationships. Throughout the entire risk assessment assumptions that considered safety factors were made so that the final calculated risks were overestimated.

Generally, risk assessments carry two types of uncertainty: measurement and informational uncertainty. Measurement uncertainty refers to the usual variance that accompanies scientific measurements. For example, this type of uncertainty is associated with analytical data collected for each site. The risk assessment reflects the accumulated variances of the individual values used. Informational uncertainty stems from inadequate availability of information needed to complete the toxicity and exposure assessments. Often, this gap is significant, such as the absence of information on the effects of human exposure to low doses of a chemical, the biological mechanism of action of a chemical, or the behavior of a chemical in soil.

Once the risk assessment is complete, the results must be reviewed and evaluated to identify the type and magnitude of uncertainty involved. Reliance on results from a risk assessment without consideration of uncertainties, limitations, and assumptions inherent in the process can be misleading. For example, to account for uncertainties in the development of exposure assumptions, conservative estimates were made to ensure that the particular assumptions were protective of sensitive subpopulations or the maximum exposed individuals. If a number of conservative assumptions are combined in an exposure model, the resulting calculations can propagate the uncertainties associated with those assumptions, thereby producing a much larger uncertainty for the final results. This uncertainty is biased toward over

predicting both carcinogenic and noncarcinogenic risks. Thus, both the results of the risk assessment and the uncertainties associated with those results must be considered when making risk management decisions.

This interpretation of uncertainty is especially relevant when the risks exceed the point of departure for defining "acceptable" risk. For example, when risks calculated using a high degree of uncertainty are less than an acceptable risk level (i.e., 10^{-6}), the interpretation of no significant risk is typically straightforward. However, when risks calculated using a high degree of uncertainty exceed an acceptable risk level (i.e., 10^{-4}), a conclusion can be difficult unless uncertainty is considered.

4.3.1 Uncertainty in Selection of COPCs

The most significant issues related to uncertainty in COPC selection were the usability of existing databases [i.e., the use of validated and unvalidated sample results (only validated data were used in this risk assessment) and the completeness, precision, and accuracy of the data set], the inclusion of chemicals potentially attributable to background in the quantitative risk assessment, the screening levels used, and the absence of screening levels for a few chemicals detected in the site media. A brief discussion of each of these issues is provided in the remainder of this section.

4.3.1.1 Chemicals Potentially Attributable to Background

Lead in groundwater was eliminated from the site specific risk calculations on the basis of background. The maximum lead concentration (29 µg/L) was present at concentrations greater than the FDEP GCTL (15 µg/L), but less than the developed facility background concentration (45.8 µg/L). While risk may be present for lead it was not calculated in accordance with Navy guidance as the contaminant is not considered to be attributable to site-related release, because the maximum concentration detected was less than background.

4.3.1.2 COPC Screening Levels

The use of risk-based screening values based on conservative land use scenarios (i.e., residential land use for soil and groundwater) corresponding to an ILCR of 10^{-6} and HI of 0.1 ensured that all the significant contributors to risk from a site were evaluated. The elimination of chemicals present at concentrations that correspond to an ILCR less than 10^{-6} and an HI less than 0.1 should not affect the final conclusions of the risk assessment because those chemicals are not expected to cause a potential health concern at the detected concentrations.

4.3.2 Uncertainty in the Exposure Assessment

Uncertainty in the exposure assessment arose because of the methods used to calculate EPCs, the determination of land use conditions, the selection of receptors and scenarios, the estimation of EPCs, and the selection of exposure parameters. Each of these is discussed below.

4.3.2.1 Land Use

The current land use patterns at NAS Jacksonville are well established, thereby limiting the uncertainty associated with land use assumptions. Land use at PCA 25 is industrial with restricted access and is expected to remain so into the future, as long as NAS Jacksonville remains open. To be conservative, risks to hypothetical on-site residents were estimated for the site. Industrial workers are considered to be the most likely receptor under current land use.

4.3.2.2 Exposure Point Concentrations

EPCs for soil were calculated using the Florida UCL Calculator (Version 1.0). Uncertainty is associated with the use of the 95 percent UCL on the mean concentration as the EPC. As a result of using the 95 percent UCL, the estimations of potential risk for the Reasonable Maximum Exposure (RME) scenario were most likely overstated because this is a representation of the upper limit that potential receptors would be exposed to over the entire exposure period. Uncertainty was also introduced when the nondetects results were assigned a value of one-half the nondetect quantitation limit in the calculation of the EPC. This may either overstate or understate the risks to potential receptors.

As discussed in Section 4.1.3.2, the calculated risks for groundwater were based on the assumption that EPCs for groundwater were the maximum detected concentrations. Using the maximum detected concentrations may result in an overestimation of risks. Note that maximum groundwater concentrations were used in the risk assessment performed according the FDEP methodology.

There was also uncertainty in assuming that current groundwater concentrations will not change in the future and this introduces additional uncertainty in the EPCs and risks for groundwater COPCs. Concentrations in groundwater may diminish over time due to natural attenuation processes involving source depletion and dilution.

4.3.2.3 Exposure Routes and Receptor Identification

The determination of various receptor groups and exposure routes of potential concern was based on current land use observed at the site and the anticipated future land use. Therefore, the uncertainty

associated with the selection of exposure routes and potential receptors was minimal because they were considered to be well defined. Although residential use of groundwater was evaluated as an exposure scenario, groundwater is not currently used at the site nor is it expected to be used in the future. The evaluation of direct exposure to groundwater in the HHRA was included primarily to aid in risk management decision making.

4.3.3 Uncertainty in the Toxicological Evaluation

The risk-based concentrations used to assess risk were also developed using the toxicity criteria discussed in Section 4.1.4. Uncertainties associated with the toxicity assessment (determination of RfDs and CSFs and use of available criteria) are presented in this section.

4.3.3.1 Derivation of Toxicity Criteria

Uncertainty associated with the toxicity assessment was associated with hazard assessment and dose-response evaluations for the COPCs. The hazard assessment dealt with characterizing the nature and strength of the evidence of causation or the likelihood that a chemical that induces adverse effects in animals will also induce adverse effects in humans. Hazard assessment of carcinogenicity was evaluated as a weight-of-evidence determination using USEPA methods. Positive animal cancer test data suggest that humans contain tissue(s) that may manifest a carcinogenic response; however, the animal data cannot necessarily be used to predict the target tissue in humans. In the hazard assessment of noncancer effects, however, positive animal data often suggest the nature of the effects (i.e., the target tissues and type of effects) anticipated in humans.

Uncertainty in hazard assessment arose from the nature and quality of the animal and human data. Uncertainty was reduced when similar effects were observed across species, strain, sex, and exposure route; when the magnitude of the response was clearly dose related; when pharmacokinetic data indicated a similar fate in humans and animals; when postulated mechanisms of toxicity were similar for humans and animals; and when the COC was structurally similar to other chemicals for which the toxicity is more completely characterized.

Uncertainty in the dose-response evaluation included the determination of a CSF for the carcinogenic assessment and derivation of an RfD for the noncarcinogenic assessment. Uncertainty was introduced from interspecies (animal to human) extrapolation, which, in the absence of quantitative pharmacokinetic or mechanistic data, is usually based on consideration of interspecies differences in basal metabolic rate. Uncertainty also resulted from intraspecies variation. Most toxicity experiments are performed with animals that are very similar in age and genotype, so intragroup biological variation is minimal, but the human population of concern may reflect a great deal of heterogeneity, including unusual sensitivity or

tolerance to the COPC. Even toxicity data from human occupational exposure reflect a bias because only those individuals sufficiently healthy to attend work regularly (the "healthy worker effect") and those not unusually sensitive to the chemical are likely to be occupationally exposed. Finally, uncertainty arises from the quality of the key study from which the quantitative estimate was derived and the database used. For cancer effects, the uncertainty associated with dose-response factors was mitigated by assuming the 95 percent upper bound for the slope factor. Another source of uncertainty in carcinogenic assessment is the method by which data from high doses in animal studies are extrapolated to the dose range expected for environmentally exposed humans. The linearized multistage model, which is used in nearly all quantitative estimations of human risk from animal data, is based on a nonthreshold assumption of carcinogenesis. Evidence suggests, however, that epigenetic carcinogens, as well as many genotoxic carcinogens, have a threshold below which they are noncarcinogenic. Therefore, the use of the linearized multistage model was conservative for chemicals that exhibited a threshold for carcinogenicity.

For noncancer effects, additional uncertainty factors may have been applied in the derivation of the RfD to mitigate poor quality of the key study or gaps in the database. Additional uncertainty for noncancer effects arose from the use of an effect level in the estimation of an RfD, because this estimation was predicated on the assumption of a threshold less than which adverse effects were not expected. Therefore, an uncertainty factor is usually applied to estimate a no-effect level. Additional uncertainty arose in estimation of an RfD for chronic exposure from subchronic data. Unless empirical data indicated that effects did not worsen with increasing duration of exposure, an additional uncertainty factor was applied to the no-effect level in the subchronic study. Uncertainty in the derivation of RfDs was mitigated by the use of uncertainty and modifying factors that normally ranged between 3 and 10. The resulting combination of uncertainty and modifying factors may have reached 1,000 or more.

4.3.4 Uncertainty in the Risk Characterization

Uncertainty in risk characterization resulted from assumptions made regarding additivity of effects from exposure to multiple COPCs from various exposure routes. High uncertainty existed when summing noncancer risks for several substances across different exposure pathways. This assumed that each substance has a similar effect and/or mode of action. Even when compounds affect the same target organs, they may have different mechanisms of action or differ in their fate in the body, so additivity may not have been an appropriate assumption. However, the assumption of additivity was considered because in most cases it represented a conservative estimate of risk.

Finally, the risk characterization did not consider antagonistic or synergistic effects. Little or no information was available to determine the potential for antagonism or synergism for the COPCs. Because chemical-specific interactions could not be predicted, the likelihood for risks to be over predicted or under predicted could not be defined.

4.4 SUMMARY AND CONCLUSIONS

An HHRA was conducted for the chemical concentrations detected in surface soil, subsurface soil, and groundwater samples collected at PCA 25. The evaluation was conducted using state of Florida regulations and guidelines for HHRAs. The risk assessment considered two receptors, the hypothetical future resident and the industrial worker, assuming exposure to soil (surface and subsurface) and groundwater.

The list of COPCs for PCA 25 included the following:

- Soil – carcinogenic PAHs (the benzo(a)pyrene equivalent), ethylbenzene, 1-methylnaphthalene, 2-methylnaphthalene, acenaphthalene, naphthalene, and TPH.
- Groundwater – benzene, benzo(a)anthracene, 1-methylnaphthalene, 2-methylnaphthalene, naphthalene, lead, TPH, and vinyl chloride.

Quantitative estimates of noncarcinogenic and carcinogenic risks (HIs and ILCRs, respectively) were developed for potential human receptors. Results of these evaluations are summarized below.

Noncarcinogenic risks from soil exposure exceed the FDEP target HI of 1 for the hypothetical residential receptor due to TPH. Neither the total HI nor HIs based on individual target organs exceed unity for the industrial receptor exposed to soil indicating that non-carcinogenic effects from exposure to soil are not anticipated for that receptor. For groundwater, the non-carcinogenic risks from 1-methylnaphthalene, 2-methylnaphthalene, and naphthalene exceed unity and the non-carcinogenic risks from the remaining COPCs are less than unity for exposure to groundwater. The total HI and the nasal HI exceed unity for exposure to groundwater. The primary risk drivers for non-carcinogenic risk in groundwater are 1-methylnaphthalene, 2-methylnaphthalene, and TPH.

Carcinogenic risks for residents exposed to soil are greater than the FDEP target ILCR due to the benzo(a)pyrene equivalent and the industrial ILCR is 1.1×10^{-6}, due entirely to carcinogenic PAHs, which is essentially equivalent to the FDEP target ILCR of 1×10^{-6}. For groundwater, the sum of the individual carcinogenic risks exceeds the FDEP ILCR target and the primary risk driver is vinyl chloride.

In conclusion, unacceptable carcinogenic and noncarcinogenic risks were calculated for the residential receptor due to soil exposure. Unacceptable carcinogenic and noncarcinogenic risks were calculated for hypothetical resident and industrial receptors due to exposure groundwater, and data indicates that several contaminants may have leached from soil to groundwater at sporadic locations. However, more recent quarterly monitoring data indicates petroleum constituents detected in soils are no longer reflected in groundwater.

5.0 DISCUSSION

This SAR is being prepared to document the SA that has taken place at PCA 25 between October 2005 and August 2006, and the quarterly groundwater monitoring that occurred between July 2007 and November 2008. Analytical results on soil and groundwater samples collected in and around the location of the former ASTs at PCA 25 indicate that environmental media at PCA 25 are contaminated with petroleum constituents.

5.1 SOILS

Organic vapor headspace measurements exceeding 50 parts-per-million (ppm) were recorded in the field at 20 of the soil sample locations collected from the area of concern, suggesting the presence of "excessively contaminated" soil as defined in Chapter 62-770, F.A.C. Laboratory analyses substantiated the field screening measurements. Twenty of the 82 samples submitted for fixed-base laboratory analysis exhibited elevated COC concentrations in excess of their FDEP SCTLs. Petroleum constituents exceeding their SCTLs included TRPH, the VOCs benzene, chlorobenzene, ethylbenzene, and methylene chloride, and the semivolatile organics 1-methylnaphthalene, 2-methylnaphthalene, acenaphthalene, benzo(a)pyrene equivalents, and naphthalene.

Six of the soil samples collected had concentrations in excess of three times (3x) the industrial FDEP SCTLs. Three of the soil samples collected were in excess of three times (3x) the industrial FDEP SCTLs for benzo(a)pyrene equivalents (0.7 mg/kg) including: JAX25-SB01 at 10.186 mg/kg, JAX25-SB31 at 2.224 mg/kg, and JAX25-SB96 at 2.11 mg/kg. Four of the soil samples collected were in excess of three times (3x) the industrial FDEP SCTLs for TPH (2,700 mg/kg) including: JAX25-SB01 at 8,400 mg/kg, JAX25-SB31 at 15,300 mg/kg, JAX25-SB64 at 14,500 mg/kg, and JAX25-SB85 at 12,000 mg/kg. An HHRA for the site concluded that unacceptable carcinogenic and noncarcinogenic risks were calculated for the residential receptor due to soil exposure. However, the soil samples that exceeded industrial FDEP SCTLs were below 2 feet of clean soil or below a paved asphalt surface constituting an engineering control to prevent direct human exposure to soils exceeding CTLs per FDEP 62-770.680(2)(c)1.b.

Although soil samples in several locations indicate exceedances of FDEP leachability based SCTLs for several petroleum constituents during the October 2005 to August 2006 soils investigation, the groundwater investigation and quarterly monitoring results indicate petroleum constituents in soils are not reflected in groundwater. As summarized below, detections of constituents in groundwater in concentrations that exceed FDEP GCTLs occur only sporadically in limited monitoring well locations and

the most recent sampling event in November 2008 indicated exceedances of FDEP GCTLs in only one well, JAX25-TF-MW11 with vinyl chloride detected at 3.8 µg/L.

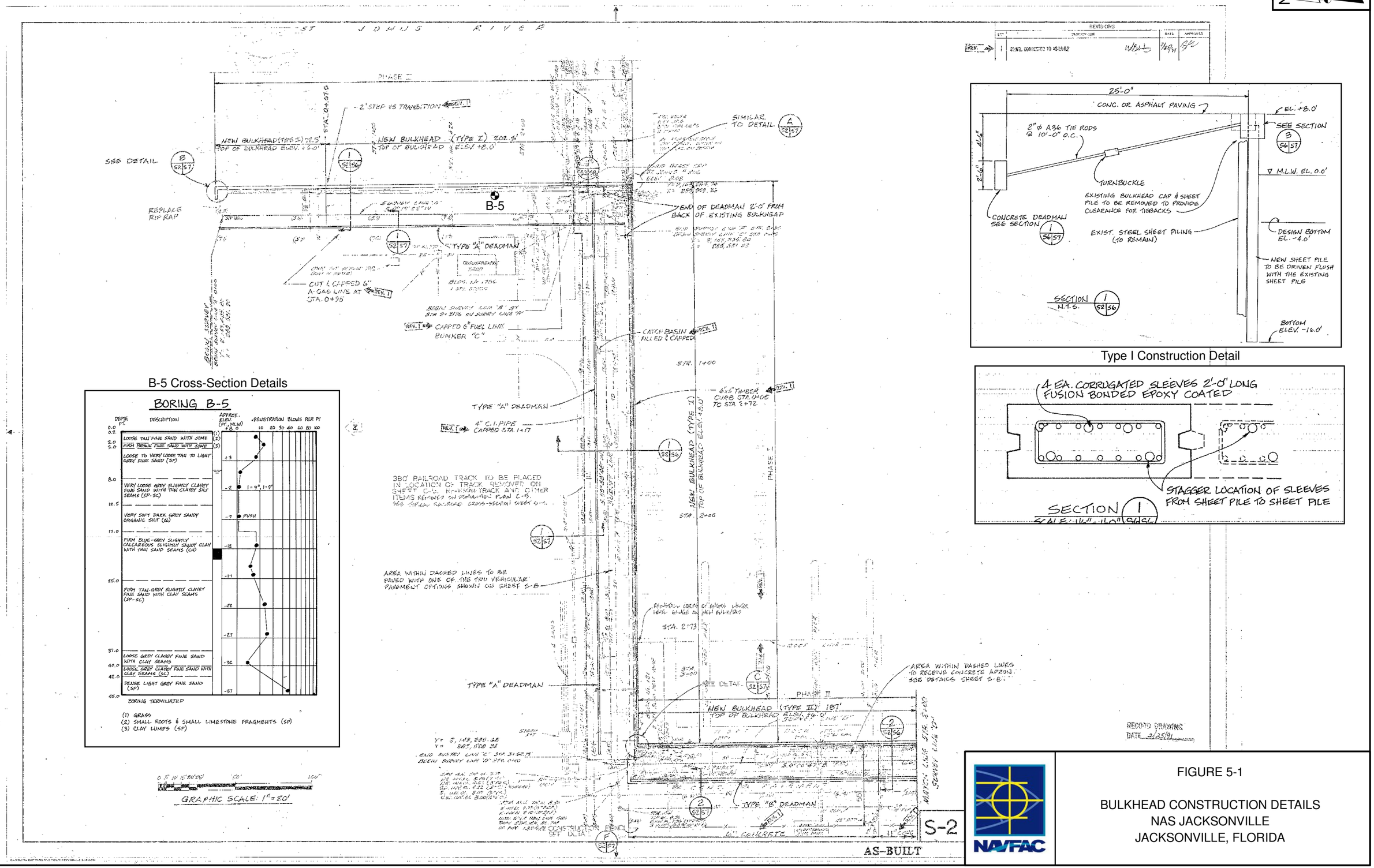
5.2 GROUNDWATER

Based on the analytical results from the December 2005 groundwater sampling event, the monitoring well JAX25-MW09 produced concentrations of the semivolatiles 1-methylnaphthalene (63 µg/L) and 2-methylnaphthalene (40 µg/L) in excess of their FDEP GCTLs. Quarterly groundwater monitoring was conducted between July 2007 and November 2008. Lead was detected at 29 µg/L in July 2007 and 20 µg/L in May 2008, exceeding the FDEP GCTL of 15 µg/L in JAX25-MW03. There were no exceedances in the August 2008 or November 2008 sampling events for lead. Benzo(a)anthracene was detected at 0.052 µg/L in August 2008, exceeding the FDEP GCTL of 0.05 µg/L in JAX25-MW15. JAX25-MW15 had no exceedances in July 2007 and May 2008, and was not sampled in November 2008. 1-methylnaphthalene and 2-methylnaphthalene were detected at 56 µg/L and 57 µg/L, respectively, in May 2008 exceeding their respective GCTLs of 28 µg/L in JAX25-MW09. Benzene was detected at 1.2 µg/L in August 2008, exceeding the FDEP GCTL of 1 µg/L in JAX25-MW09. Benzo(b)fluoranthene was detected at 0.054 µg/L in May 2008, exceeding the FDEP GCTL of 0.05 µg/L in JAX25-MW16I. Vinyl chloride was detected at 1.4 µg/L in May 2008, exceeding the FDEP GCTL of 0.05 µg/L in JAX25-MW16I. There were no exceedances of FDEP GCTLs at JAX-MW16I in August and November of 2008. Vinyl chloride was also detected in excess of the FDEP GCTL in JAX25-TF-MW11 at 3.4 µg/L in May 2008, at 6.1 µg/L in August 2008, and at 3.8 µg/L in November 2008. The vinyl chloride concentrations detected in this well also exceeded the FDEP MSW CTL of 2.4 µg/L.

An HHRA for the site concluded that unacceptable carcinogenic and noncarcinogenic risks were calculated for hypothetical resident and industrial receptors due to exposure to groundwater. However, detections of constituents in concentrations that exceed FDEP GCTLs occur sporadically in limited monitoring well locations and the most recent sampling event in November 2008 indicated exceedances in only one well, JAX25-TF-MW11, with vinyl chloride detected at 3.8 µg/L.

Groundwater elevation data collected throughout the investigation showed that groundwater flow was observed to be to the south-southeast with a flow velocity at 19.4 ft/year. The seawall and boat house lie to the south of PCA 25. Bulkhead improvements were conducted in 1986 and the plans are included in Appendix H. Figure 5-1 was generated from these plans and shows the design of the bulkhead to the east and south of PCA 25. The bulkhead to the south of PCA 25 is shown to be a Type I bulkhead that extends to a depth of 16 feet below Mean Low Water (MLW) (see inset in Figure 5-1). Boring 5 in Figure 5-1 was completed at the time of the bulkhead improvements and the cross section details of the boring are presented as an inset to Figure 5-1. The lithology of Boring 5 shows the presence of the clay layer at the site from approximately 12 to 14 feet below MLW. This shows that the bulkhead penetrates the clay layer at the site. This clay layer was also seen in borings during the PCA 25 SAR investigation

and is presented in Figure 3-1. The last inset in Figure 5-1 shows that the bulkhead was constructed with interlocking concrete piles, which restrict the flow of water through the bulkhead. This bulkhead prevents shallow groundwater at the site from discharging directly to the St. Johns River and provides an effective groundwater engineering control. Groundwater elevation data ranges from 3.89 feet above msl to 1.70 feet above msl during low tide, and 3.90 feet above msl to 2.01 above msl during high tide, in respective well pairs, with the groundwater flow gradient in a direction to the south around the boat house. This supports the conclusion that the bulkhead is acting as an engineering control to restrict migration of shallow groundwater from the site to the St. Johns River. In addition, water levels were measured in April 2011 of the St. Johns River and the shallow monitoring well JAX-PCA25-TF-MW11. The water level at JAX-PCA25-TF-MW11 was measured at 4.41 feet bls. The water level of the St. Johns River approximately 10 feet away from the monitoring well was 8.02 feet bls. Water levels were taken approximately 1 hour before high tide. The difference of 3.61 feet between the shallow groundwater level and the level of the St. Johns River further suggests that the bulkhead is acting as an engineering control that restricts migration of groundwater from PCA 25 to the St. Johns River.



B-5 Cross-Section Details

FIGURE 5-1

BULKHEAD CONSTRUCTION DETAILS
NAS JACKSONVILLE
JACKSONVILLE, FLORIDA

6.0 CONCLUSIONS AND RECOMMENDATION

Petroleum by-products released at PCA 25 at NAS Jacksonville, Florida have been detected in soil and groundwater, exceeding regulatory screening criteria. The sources for this contamination include former ASTs and associated piping that contained Bunker C fuel.

6.1 SOILS

The soil contamination appears to be limited to specific areas that have been delineated to clean concentrations at the site. The petroleum constituents exceeding their SCTLs at the site included TPH, the VOCs benzene, chlorobenzene, ethylbenzene, and methylene chloride, and the semivolatile organics 1-methylnaphthalene, 2-methylnaphthalene, acenaphthalene, benzo(a)pyrene equivalents, and naphthalene. An HHRA for the site concluded that unacceptable carcinogenic and noncarcinogenic risks were calculated for the residential receptor due to soil exposure. However, the soil samples that exceeded industrial FDEP SCTLs for TPH and benzo(a)pyrene equivalents are below 2 feet of clean soil or below a paved asphalt surface constituting an engineering control to prevent direct human exposure to soils exceeding CTLs per FDEP 62-770.680(2)(c)1.b. Based on this, it is recommended Risk Management Option (RMO) II with land use controls (LUCs) be implemented at the site (FDEP 62-770.680(2)(c)1.b.) to prohibit residential use, to maintain the 2 feet of existing soil cover and/or pavement over the locations exceeding industrial SCTLs, and to prevent excavation of contaminated soil without proper controls being in place to limit exposure to site workers to contaminated media.

6.2 GROUNDWATER

The site contamination has resulted in sporadic detections of petroleum constituents in a limited number of monitoring locations in the shallow groundwater at PCA 25. The petroleum constituents exceeding GCTLs at the site include lead, 1-methylnaphthalene, 2-methylnaphthalene, benzene, benzo(b)fluoranthene, and benzo(a)anthracene. Vinyl chloride has also been detected and is likely associated with the wash rack that is located at the site. An HHRA for the site concluded that unacceptable carcinogenic and noncarcinogenic risks were calculated for hypothetical resident and industrial receptors due to exposure groundwater. However, due to the site's location being contained within the controlled boundary of the NAS Jacksonville flight line, it is not anticipated that the site will be used as a water source. In addition, the most recent sampling event in November 2008 indicated exceedances of GCTLs in only one well, JAX25-TF-MW11, with vinyl chloride detected at 3.8 µg/L. The vinyl chloride concentration detected in JAX25-TF-MW11 also exceeded the FDEP MSW CTL of 2.4 µg/L.

Groundwater flows to the south and southeast at the site towards a bulkhead along the St. Johns River. This bulkhead extends to a clay layer noted in the site lithology, and prevents shallow groundwater at the site from discharging directly to the St. Johns River, providing an effective groundwater engineering control. By preventing migration of site related contaminants to the St. Johns River, the bulkhead could serve as an engineering control and the basis for a groundwater remedy under RMO II (FDEP 62-770.680(2)(d)2.). However, due to the sporadic detections, relatively low concentration of contaminants in groundwater at the site, and recent monitoring data that indicates exceedances are limited to one well, JAX25-TF-MW11, with vinyl chloride detected at 3.8 µg/L in November 2008, the NAS Jacksonville Partnering Team has recommended to continue monitoring for natural attenuation at the site for an additional four quarters to determine if closure under RMO I (NFA without Controls) is possible. Natural attenuation relies on natural biological and physical/chemical processes occurring within the surficial aquifer to reduce contaminant concentrations in groundwater. A Monitored Natural Attenuation Work Plan for the site is included in Appendix I.

REFERENCES

ABB-ES (ABB Environmental Services, Inc.), 1995. "Naval Installation Restoration Program Plan", Volume 7, Remedial Investigation and Feasibility Study Work and Project Management Plan, Operable Unit 3 (OU 3), NAS Jacksonville, Jacksonville, Florida. Prepared for Southern Division Naval Facilities Engineering Command, North Charleston, South Carolina. March.

ABB-ES, 1996. Remedial Investigation and Feasibility Study for Operable Unit 1, Naval Air Station Jacksonville, Florida. Prepared for Southern Division Naval Facilities Engineering Command, North Charleston, South Carolina. March.

Davis, J. Hal, Michael Planert, and William J. Andrews, 1996. "Simulation of Ground-Water Flow at the U.S. Naval Air Station Jacksonville, Florida, with an Evaluation of the Changes to Ground-Water Movement Caused by Proposed Remedial Designs at Operable Unit 1". USGS Open-File Report 96-597.

DON (Department of the Navy), 2004. Memorandum "Navy Policy on the Use of Background Chemical Levels; Ser N45C/N4U732212. From David L. Olson, Special Assistant for ER&IR to Commander, Naval Facilities Engineering Command. January 30.

Driscoll, Fletcher G., 1986. "Groundwater and Wells", St. Paul, Minnesota.

Fairchild, R.W., 1972. "The Shallow-Aquifer System in Duval County, Florida: Florida Bureau of Geology Report of Investigation No. 59".

FDEP (Florida Department of Environmental Protection), 2005. Technical Report: Development of Cleanup Target Levels (CTLs) for Chapter 62-777, F.A.C., Division of Waste Management, Tallahassee, Florida. February.

FDEP, 2008. *Standard Operating Procedures for Field Activities*. DEP-SOP-001/01. December 3.

Leve, G. W., 1966. "Groundwater in Duval and Nassau Counties, Florida": Bureau of Geology Report of Investigation No. 43.

OHC Environmental Engineering, August 2004. "Tank Closure Assessment Report: Tanks 120 & 1982, Naval Air Station Jacksonville, 6300 Roosevelt Boulevard, Jacksonville, Duval County, Florida, FDEP Facility ID# 16/8731736." Prepared for ROICC Office, Department of Navy.

REFERENCES

Scott, T. M., 1988. "The Lithostratigraphy of the Hawthorn Group (Miocene) of Florida". Florida Geological Survey Bulletin No. 59.

Spechler, R.M., 1982. "Generalized Configuration of the Top of the Limestone Unit of the Lower part of the Surficial Aquifer, Duval County, Florida".

Tetra Tech, 2002. "Site Assessment Report for Old Gas Station (UST 14)", Naval Air Station Jacksonville, Florida. Prepared for the Southern Division, Naval Facilities Engineering Command, North Charleston, South Carolina. January.

Toth, D. J., 1990. "Geohydrologic Summary of the Floridan Aquifer in Coastal Areas of Nassau, Duval, and Northern St. Johns Counties" St. Johns River Water Management District Technical Publication SJ 90-5, Palatka, Florida.

USEPA (United States Environmental Protection Agency), 1989. *Risk Assessment Guidance for Superfund: Volume I, Human Health Evaluation Manual (Interim Final)*. EPA/540/1-89/002, Washington, D.C., December.

USEPA, 1992. *Supplemental Guidance to RAGS: Calculating the Concentration Term*. Publication 9285.7-08I, Office of Solid Waste and Emergency Response, Washington, D.C. May.

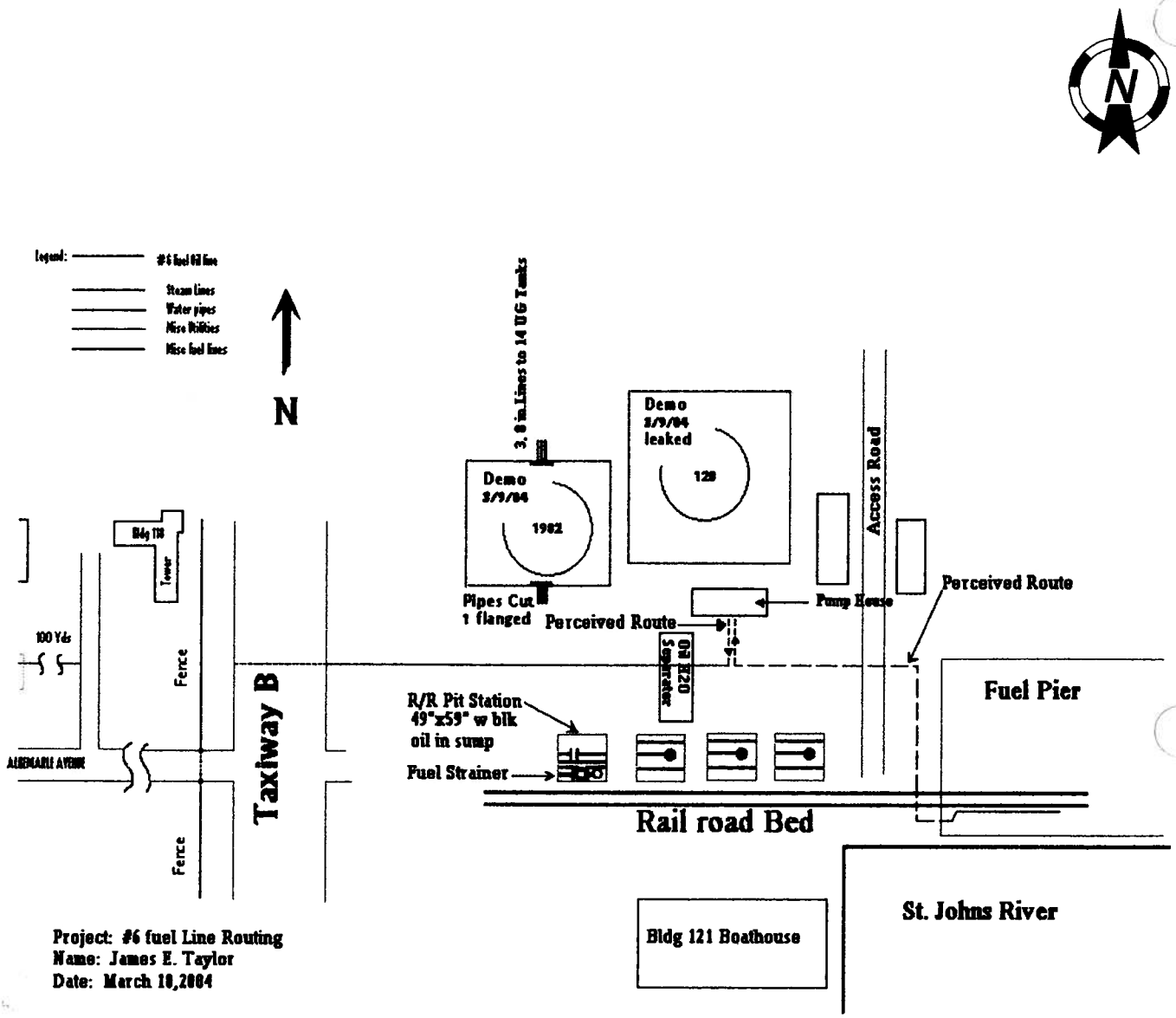
USEPA, 1997. *Health Effects Assessment Summary Tables FY 1997*. Office of Solid Waste and Emergency Response, Washington, D.C., July.

USGS (United States Geological Survey), 1993. *Orange Park Quadrangle, Florida, 7.5 Minute Series (Topographic)*. United States Department of the Interior Geological Survey.

APPENDIX A

DATA FROM TANK CLOSURE ASSESSMENT REPORT

OHC ENVIRONMENTAL ENGINEERING
1840 Southside Boulevard, Suite 3-C
Jacksonville, Florida 32216
(904) 725-8279

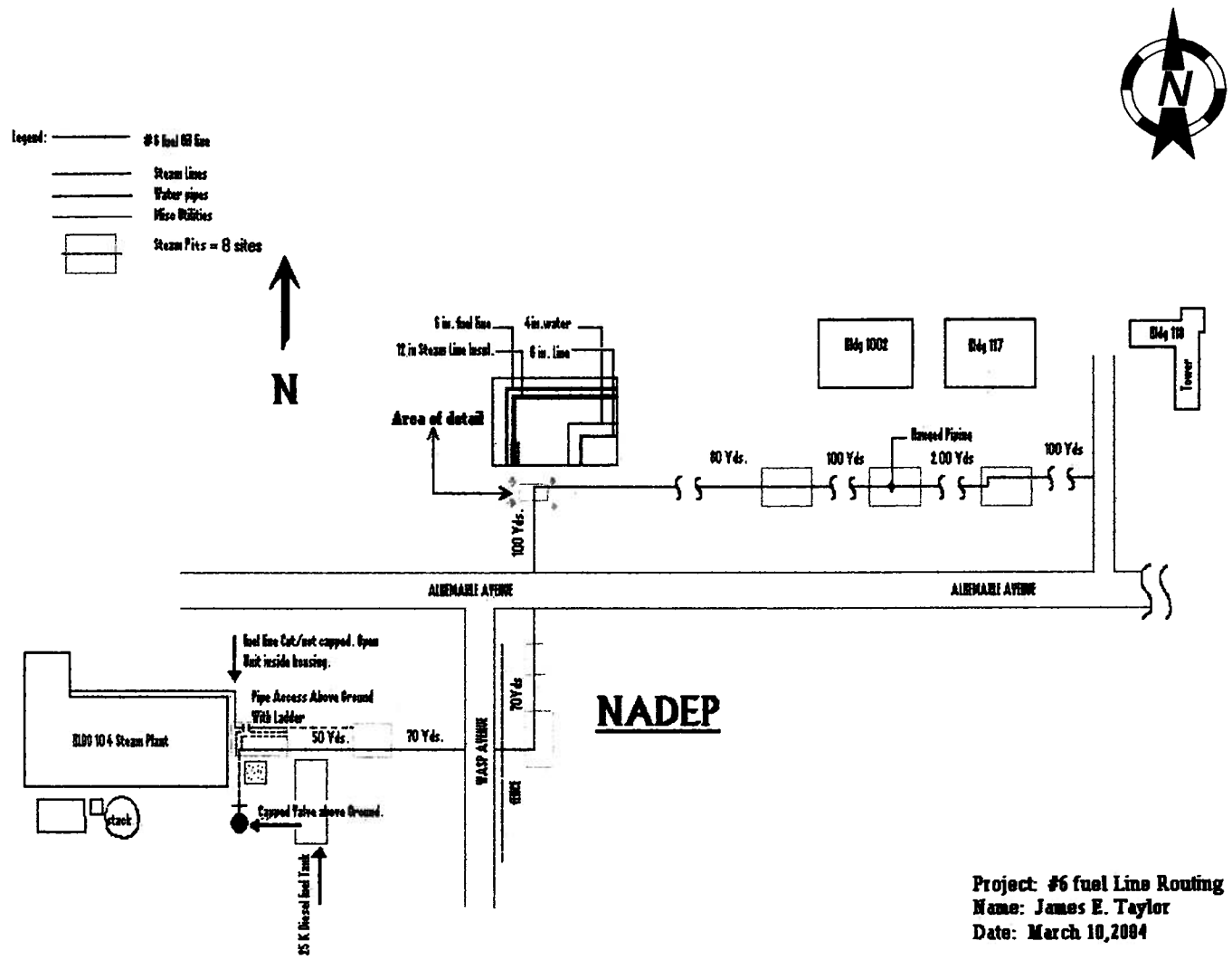


Tanks 120 & 1982
Naval Air Station Jacksonville

General Site Layout

1A
FIGURE

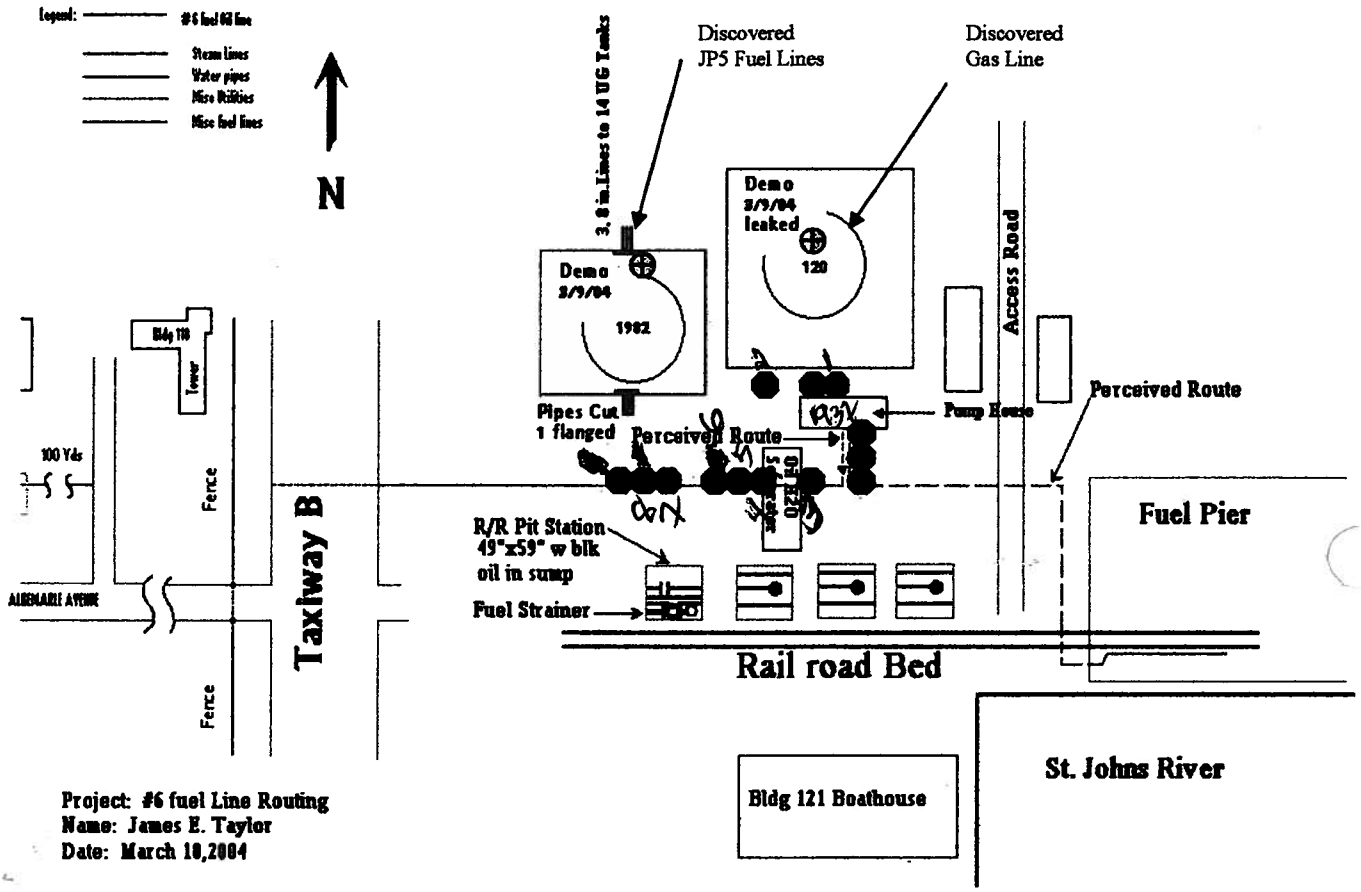
OHC ENVIRONMENTAL ENGINEERING
1840 Southside Boulevard, Suite 3-C
Jacksonville, Florida 32216
(904) 725-8279



* Not drawn to scale

Tanks 120 & 1982 Naval Air Station Jacksonville	General Site Layout	1B FIGURE

OHC ENVIRONMENTAL ENGINEERING
1840 Southside Boulevard, Suite 3-C
Jacksonville, Florida 32216
(904) 725-8279



Legend:

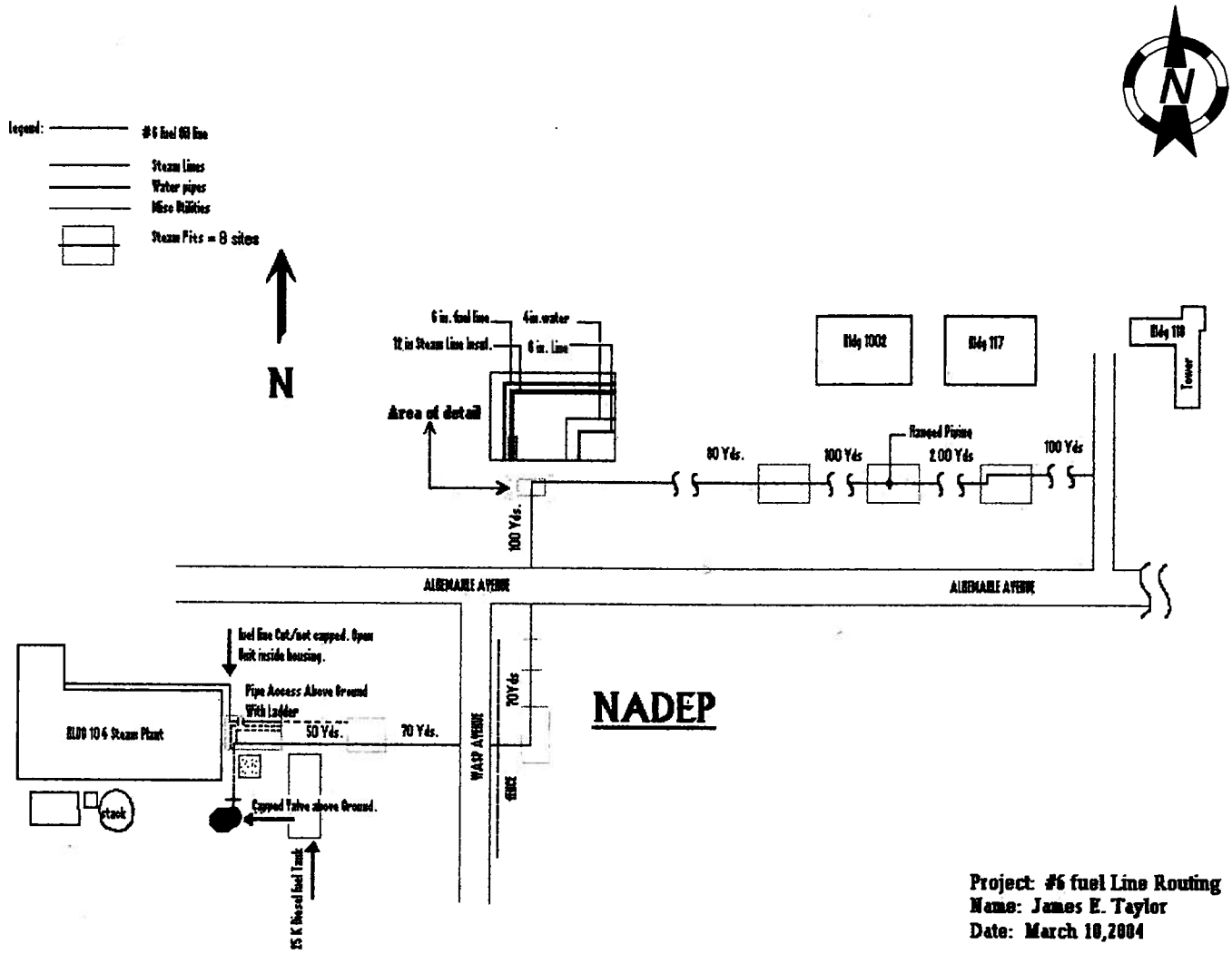
- OVA Readings Over 10 ppm
- Location of Temporary Groundwater Well

Tanks 120 & 1982
Naval Air Station Jacksonville

Tank & Piping Locations

2A
FIGURE

OHC ENVIRONMENTAL ENGINEERING
1840 Southside Boulevard, Suite 3-C
Jacksonville, Florida 32216
(904) 725-8279



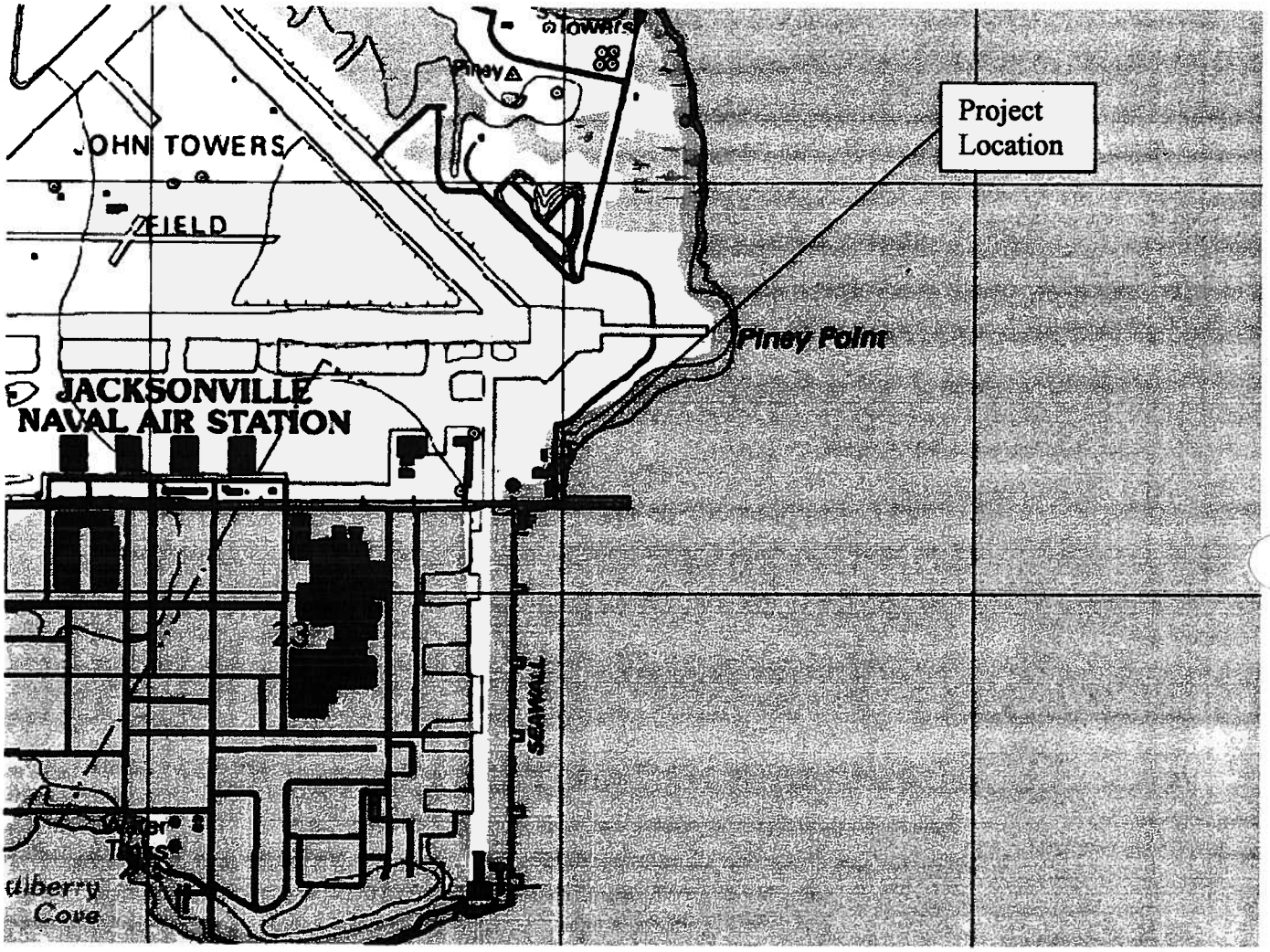
Project: #6 fuel Line Routing
Name: James E. Taylor
Date: March 10,2004

Legend:
- ● OVA Readings Over 10 ppm
- ⊕ Location of Temporary Groundwater Well

*** Not drawn to scale**

Tanks 120 & 1982 Naval Air Station Jacksonville	Tank & Piping Locations	2B FIGURE

OHC ENVIRONMENTAL ENGINEERING
1840 Southside Boulevard, Suite 3-C
Jacksonville, Florida 32216
(904) 725-8279

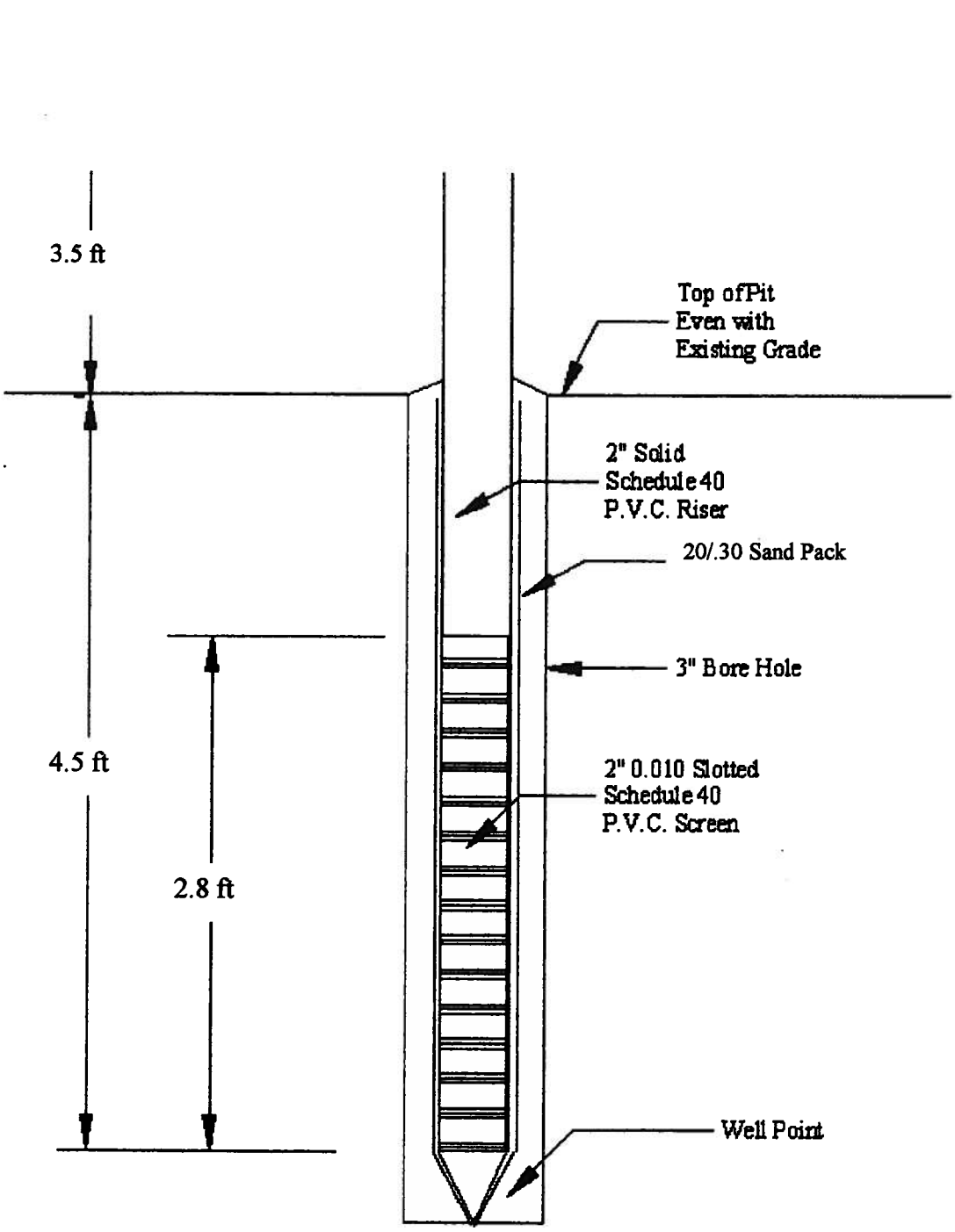


Tanks 120 & 1982
Naval Air Station Jacksonville

Topography of Site

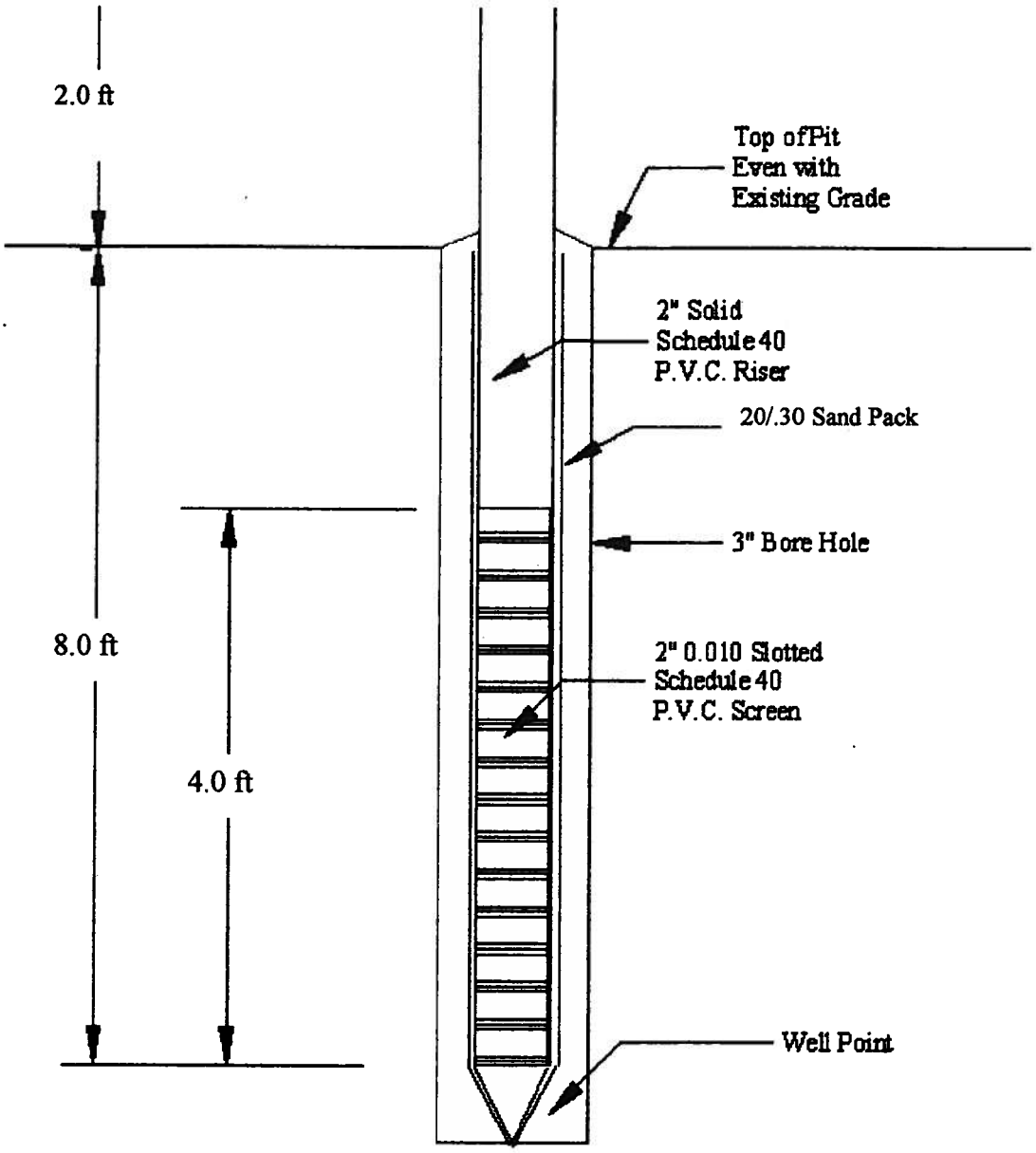
3
FIGURE

OHC ENVIRONMENTAL ENGINEERING
1840 Southside Boulevard, Suite 3-C
Jacksonville, Florida 32216
(904) 725-8279



Tank 120	Well Construction Diagram	4A FIGURE

OHC ENVIRONMENTAL ENGINEERING
1840 Southside Boulevard, Suite 3-C
Jacksonville, Florida 32216
(904) 725-8279



Tank 1982

Well Construction Diagram

4B
FIGURE

Appendix A
Soil Boring Data Sheets - Tank 1982
Naval Air Station Jacksonville
Feburary 24, 2004

Soil Boring Location	Depth (ft)	OVA (ppm)	Explosimeter (%LEL)	Soil Description
North Side				
1	1'	106	25.6	Moist Gray/Black Sand
2	2'	>3600	1385	Wet Black/Gray Sand
NOTE: surficial water table encountered at approximately 2.0 ft below tank pit				
East Side				
1	1'	<1	<1	Moist Gray/Tan Sand
2	2'	<1	<1	Wet Gray Sandy Loam
NOTE: surficial water table encountered at approximately 2.0 ft below tank pit				
West Side				
1	1'	2	<1	Most White/Gray Sand
2	2'	<1	<1	Wet Gray/Red Sand
NOTE: surficial water table encountered at approximately 2.0 ft below tank pit				
South Center				
1	1'	72.5	<1	Moist Black/Gray Sand
2	2'	5.9	<1	Wet Black/Gray Sand
NOTE: surficial water table encountered at approximately 2.0 ft below tank pit				
Center				
1	2'	<1	<1	Moist Black/Gray Sand
2	3'	<1	<1	Wet Black/Gray Sand
NOTE: surficial water table encountered at approximately 2.0 ft below tank pit				

Sample	Date	Location	Unfiltered	Filtered
1	4-28-04	20' N of where !0" pipe goes underground near fuel pier	3.6	3.2
2	4-28-04	40' N of where !0" pipe goes underground near fuel pier	4.6	4
3	4-28-04	20' W of sample 2	4.9	4.2
4	4-28-04	40' W of sample 2	5.9	4.3
5	4-28-04	60' W of sample 2	6.5	3.6
6	5-11-04	80' W of sample 2	5.4	4.1
7	4-28-04	100' W of sample 2	7.6	4.2
8	4-28-04	120' W of sample 2	6.8	4.4
9	4-28-04	140' W of sample 2	5.6	3.8
10	4-28-04	160' W of sample 2	7.4	9.4
11	4-28-04	180' W of sample 2	19.2	11.7
12	4-28-04	200' W of sample 2, @ valve pit South of bldg. 1937	102	60.3
13	4-28-04	20' N of valve pit S of 1937	62.3	25.6
14	4-30-04	40' N of valve pit S of 1937	40.5	21.2
15	4-30-04	60' N of valve pit S of 1937	8.9	6.5
16	5-11-04	20' N of bldg. 1937	10.1	3.6
17	5-11-04	40' N of bldg. 1937	191	100
18	5-10-04	20' W of valve pit N of 1937	25.6	11.5
19	5-10-04	40' W of valve pit N of 1937	250	110
20	5-11-04	60' W of valve pit N of 1937	9.8	3.5
21	5-11-04	80' W of valve pit N of 1937	3.6	1.8
22	5-11-04	100' W of valve pit N of 1937	4.5	2.4
23	4-30-04	20' W of valve pit S of 1937	>3600	1206
24	5-10-04	40' W of valve pit S of 1937	>3600	450
25	5-10-04	60' W of valve pit S of 1937	>3600	280
26	5-10-04	80' W of valve pit S of 1937	280	120
27	5-10-04	100' W of valve pit S of 1937	120	15
28	5-11-04	120' W of valve pit S of 1937	400	30

Sample	Date	Location	Unfiltered	Filtered
29	5-11-04	140' W of valve pit S of 1937	2800	760
30	5-11-04	160' W of valve pit S of 1937	>3600	2220
31	5-11-04	180' W of valve pit S of 1937	11.8	5
32	5-11-04	200' W of valve pit S of 1937	1.5	0.9
33	5-11-04	220' W of valve pit S of 1937	0.9	0.3
34	4-30-04	240' W of valve pit S of 1937	1.2	0.6
35	4-30-04	260' W of valve pit S of 1937	2.8	0.7
36	4-30-04	280' W of valve pit S of 1937	3.6	1.8
37	4-30-04	2' W of taxiway Bravo	7.8	4.9
38	4-30-04	22' W of taxiway Bravo	6.7	3.6
39	4-30-04	2' W of flight line fence near gate 33	1.2	1
40	4-30-04	22' W of flight line fence near gate 33	1.4	1.1
41	4-30-04	42' W of flight line fence near gate 33	1.1	0.9
42	5-4-04	62' W of flight line fence near gate 33	1.2	1.1
43	5-4-04	82' W of flight line fence near gate 33	1	1
44	5-4-04	102' W of flight line fence near gate 33	1	0.9
45	5-4-04	122' W of flight line fence near gate 33	0.9	0.7
46	5-4-04	142' W of flight line fence near gate 33	1.1	0.9
47	5-4-04	162' W of flight line fence near gate 33	1.1	0.9
48	5-4-04	182' W of flight line fence near gate 33	0.9	0.8
49	5-4-04	202' W of flight line fence near gate 33	1.1	1
50	5-27-04	222' W of flight line fence near gate 33	1.5	0.9
51	5-4-04	242' W of flight line fence near gate 33	1.2	1
52	5-4-04	262' W of flight line fence near gate 33	1.1	0.9
53	5-4-04	282' W of flight line fence near gate 33	1.3	0.4
54	5-4-04	302' W of flight line fence near gate 33	1.1	0.6
55	5-4-04	322' W of flight line fence near gate 33	1.9	0.7
56	5-4-04	342' W of flight line fence near gate 33	1.6	0.8
57	5-4-04	362' W of flight line fence near gate 33	1.7	1

Sample	Date	Location	Unfiltered	Filtered
58	5-5-04	382' W of flight line fence near gate 33	2.1	1.1
59	5-5-04	402' W of flight line fence near gate 33	3.4	1.8
60	5-5-04	422' W of flight line fence near gate 33	1.1	0.9
61	5-5-04	442' W of flight line fence near gate 33	1.6	1.3
62	5-6-04	462' W of flight line fence near gate 33	2.7	1.4
63	5-6-04	482' W of flight line fence near gate 33	5.9	3.4
64	5-6-04	502' W of flight line fence near gate 33	1.8	0.9
65	5-6-04	522' W of flight line fence near gate 33	4.2	2.1
66	5-6-04	542' W of flight line fence near gate 33	3.8	2.5
67	5-6-04	562' W of flight line fence near gate 33	6	4.2
68	5-6-04	582' W of flight line fence near gate 33	5.2	2.9
69	5-6-04	602' W of flight line fence near gate 33	2	1.3
70	5-6-04	622' W of flight line fence near gate 33	1.8	1.4
71	5-6-04	642' W of flight line fence near gate 33	2	1.6
72	5-27-04	662' W of flight line fence near gate 33	4.2	3.3
73	5-27-04	682' W of flight line fence near gate 33	5.6	4.6
74	5-27-04	702' W of flight line fence near gate 33	3.2	2.5
75	5-14-04	722' W of flight line fence near gate 33	2.7	1.4
76	5-14-04	742' W of flight line fence near gate 33	4.3	3.1
77	5-14-04	762' W of flight line fence near gate 33	1.8	1.2
78	5-14-04	782' W of flight line fence near gate 33	4.2	1.9
79	5-14-04	802' W of flight line fence near gate 33	3.8	2.5
80	5-14-04	822' W of flight line fence near gate 33	6	4.2
81	5-14-04	842' W of flight line fence near gate 33	4	2.9
82	5-14-04	862' W of flight line fence near gate 33	2	1.3
83	5-14-04	882' W of flight line fence near gate 33	1.6	1.4
84	5-18-04	902' W of flight line fence near gate 33	2.7	1.4
85	5-18-04	922' W of flight line fence near gate 33	4.3	3.1
86	5-18-04	942' W of flight line fence near gate 33	1.7	1.2

Sample	Date	Location	Unfiltered	Filtered
87	5-18-04	962' W of flight line fence near gate 33	4.2	3.2
88	5-18-04	982' W of flight line fence near gate 33	3.8	2.3
89	5-18-04	1002' W of flight line fence near gate 33	5.4	4.2
90	5-18-04	1022' W of flight line fence near gate 33	3.7	2.9
91	5-18-04	1042' W of flight line fence near gate 33	2	1.4
92	5-18-04	1062' W of flight line fence near gate 33	1.6	1.4
93	5-18-04	1082' W of flight line fence near gate 34	2.5	1.8
94	5-18-04	1102' W of flight line fence near gate 35	3.6	3.1
95	5-18-04	1122' W of flight line fence near gate 36	4.1	3.5
96	5-28-04	1142' W of fence near gate 33	1.5	1.4
97	5-18-04	1162' W of flight line fence near gate 37	1.6	1.5
98	5-20-04	1182' W of flight line fence near gate 33	2.9	1.4
99	5-20-04	1202' W of flight line fence near gate 33	3.7	2.9
100	5-20-04	1222' W of flight line fence near gate 33	1.8	1.3
101	5-20-04	1242' W of flight line fence near gate 33	4.2	3.2
102	5-20-04	1262' W of flight line fence near gate 33	3.8	3
103	5-20-04	1282' W of flight line fence near gate 33	4.7	4.2
104	5-20-04	1302' W of flight line fence near gate 33	4.3	2.9
105	5-20-04	1322' W of flight line fence near gate 33	1.9	1.3
106	5-27-04	180' E of vault pit N of intersection of Albermarle and Wasp	3.6	2.4
107	5-27-04	160' E of vault pit N of intersection of Albermarle and Wasp	1.8	1.1
108	5-27-04	120' E of vault pit N of intersection of Albermarle and Wasp	2.5	2.2
109	5-27-04	100' E of vault pit N of intersection of Albermarle and Wasp	3.1	2.4
110	5-27-04	80' E of vault pit N of intersection of Albermarle and Wasp	4.2	3.5
111	5-27-04	60' E of vault pit N of intersection of Albermarle and Wasp	2.3	1.8
112	5-26-04	40' E of vault pit N of intersection of Albermarle and Wasp	3.3	2.7
113	5-26-04	20' E of vault pit N of intersection of Albermarle and Wasp	4.2	3.3
114	5-26-04	At vault pit N of intersection of Albermarle and Wasp	5.6	4.6
115	5-26-04	20' S of vault pit N of intersection of Albermarle and Wasp	3.2	2.5

Sample	Date	Location	Unfiltered	Filtered
116	5-26-04	40' S of vault pit N of intersection of Albermarle and Wasp	3.6	2.4
117	5-26-04	60' S of vault pit N of intersection of Albermarle and Wasp	1.8	1.1
118	5-26-04	80' S of vault pit N of intersection of Albermarle and Wasp	2.5	2.2
119	5-26-04	100' S of vault pit N of intersection of Albermarle and Wasp	3.1	2.4
120	5-26-04	120' S of vault pit N of intersection of Albermarle and Wasp	4.2	3.5
121	5-26-04	140' S of vault pit N of intersection of Albermarle and Wasp	2.3	1.8
122	5-26-04	160' S of vault pit N of intersection of Albermarle and Wasp	3.4	2.5
123	5-26-04	180' S of vault pit N of intersection of Albermarle and Wasp	3.1	2.7
124	5-26-04	200' S of vault pit N of intersection of Albermarle and Wasp	1.7	1.5
125	5-26-04	220' S of vault pit N of intersection of Albermarle and Wasp	1.9	1.5
126	5-26-04	240' S of vault pit N of intersection of Albermarle and Wasp	2.6	2.1
127	5-26-04	Center of Albermarle Street near gate 38 into NADEP at bldg. 101S	1.5	1.1
128	5-25-04	260' E of pipe vault near old steam plant	2.7	1.9
129	5-25-04	240' E of pipe vault near old steam plant	3.5	2.7
130	5-25-04	220' E of pipe vault near old steam plant	4.2	3.3
131	5-25-04	200' E of pipe vault near old steam plant	5.6	4.1
132	5-25-04	180' E of pipe vault near old steam plant	3.2	1.9
133	5-25-04	160' E of pipe vault near old steam plant	3.5	2.4
134	5-25-04	140' E of pipe vault near old steam plant	1.8	1.1
135	5-25-04	120' E of pipe vault near old steam plant	2.5	1.8
136	5-25-04	100' E of pipe vault near old steam plant	3.1	2.4
137	5-25-04	80' E of pipe vault near old steam plant	4.2	3.5
138	5-25-04	60' E of pipe vault near old steam plant	2.5	1.8
139	5-25-04	40' E of pipe vault near old steam plant	3.4	2.5
140	5-25-04	20' E of pipe vault near old steam plant	3.1	2.6
141	5-25-04	40' N of where pipe comes out of ground near old steam plant	1.7	1.5
142	5-21-04	20' N of where pipe comes out of ground near steam plant	5.9	5.6
143	5-21-04	At the base of pipe at old steam plant	37.5	17.6

Table I
Analytical Results Summary
Tank 120

Parameters	MDL		Groundwater Results (ug/L)	Groundwater CTL (ug/L)	Soil Results (mg/kg)	Soil CTL (mg/kg)
	GW (ug/L)	Soil (Adjusted) (mg/kg)				
Florida Petroleum Range Organics (FLPRO)						
Total Recoverable Petroleum Hydrocarbons	280	230	380	5,000	2,100	2,500
Polynuclear Aromatic Hydrocarbons (EPA Method 8270C)						
Acenaphthene	0.13	360	U	20	1.600	18,000
Acenaphthylene	0.13	350	U	210	U	11,000
Anthracene	0.08	330	0.090	2100	5.500	260,000
Benzo(a)anthracene	0.11	250	U	0.2	3.000	5
Benzo(a)pyrene	0.094	360	U	0.2	**2.500**	0.5
Benzo(b)fluoranthene	0.081	300	U	0.2	0.860	4.8
Benzo(g,h,i)perylene	0.092	320	U	210	2.700	41,000
Benzo(k)fluoranthene	0.082	350	U	0.5	0.410	52
Chrysene	0.06	240	U	4.8	4.200	450
Dibenzo(a,h)anthracene	0.10	270	U	0.2	U	0.5
Fluoranthene	0.084	320	U	280	2.800	48,000
Fluorene	0.10	370	0.30	280	7.000	28,000
Indeno(1,2,3-cd)pyrene	0.15	230	U	0.2	0.970	5.3
Methylnaphthalene, 1-	0.12	400	0.54	20	7.300	470
Methylnaphthalene, 2-	0.18	450	U	20	U	560
Naphthalene	0.15	530	U	20	U	270
Phenanthrene	0.10	330	0.51	210	24.000	30,000
Pyrene	0.12	300	U	210	18.000	37,000
Volatile Aromatic Hydrocarbons (EPA Methods 8021B & 8260B)						
Benzene	0.21	4.1	U	1.0	U	1.6
Ethylbenzene	0.17	3.9	U	30.0	U	8,400
MTBE	0.35	3.4	U	50.0	U	22,000
Toluene	0.23	3.7	U	30.0	U	2,600
Xylenes, total	-	-	U	20.0	0.043	40,000

Notes:

MDL	Method Detection Limit	mg/kg	Milligrams per kilogram (ppm)
GW	Groundwater	CTL	Cleanup Target Level (FAC 62-777)
ug/L	Micrograms per Liter (ppb)	U	Analyte not detected above the MDL

Table II
Analytical Results Summary
Tank 1982

Parameters	MDL		Groundwater Results (ug/L)	Groundwater CTL (ug/L)	Soil Results (mg/kg)	Soil CTL (mg/kg)
	GW (ug/L)	Soil (Adjusted) (mg/kg)				
Florida Petroleum Range Organics (FLPRO)						
Total Recoverable Petroleum Hydrocarbons	280	120	3,100	5,000	250	2,500
Polynuclear Aromatic Hydrocarbons (EPA Method 8270C)						
Acenaphthene	0.13	0.0038	U	20	U	18,000
Acenaphthylene	0.13	0.0037	U	210	U	11,000
Anthracene	0.08	0.0035	U	2100	U	260,000
Benzo(a)anthracene	0.11	0.0027	U	0.2	U	5
Benzo(a)pyrene	0.094	0.0038	U	0.2	U	0.5
Benzo(b)fluoranthene	0.081	0.0032	U	0.2	U	4.8
Benzo(g,h,i)perylene	0.092	0.0034	U	210	U	41,000
Benzo(k)fluoranthene	0.082	0.0037	U	0.5	U	52
Chrysene	0.06	0.0026	U	4.8	U	450
Dibenzo(a,h)anthracene	0.10	0.0029	U	0.2	U	0.5
Fluoranthene	0.084	0.0034	U	280	U	48,000
Fluorene	0.10	0.0040	U	280	U	28,000
Indeno(1,2,3-cd)pyrene	0.15	0.0024	U	0.2	U	5.3
Methylnaphthalene, 1-	0.12	0.0042	0.39	20	U	470
Methylnaphthalene, 2-	0.18	0.0047	0.79	20	U	560
Naphthalene	0.15	0.0056	3.9	20	0.0064	270
Phenanthrene	0.10	0.0035	U	210	U	30,000
Pyrene	0.12	0.0031	U	210	U	37,000
Volatile Aromatic Hydrocarbons (EPA Methods 8021B & 8260B)						
Benzene	0.21	0.0043	**4.9**	1.0	0.078	1.6
Ethylbenzene	0.17	0.0042	**180**	30.0	0.930	8,400
MTBE	0.35	0.0036	U	50.0	U	22,000
Toluene	0.23	0.0039	1.2	30.0	0.034	2,600
Xylenes, total	-	-	7.1	20.0	0.312	40,000

Notes:

MDL	Method Detection Limit	mg/kg	Milligrams per kilogram (ppm)
GW	Groundwater	CTL	Cleanup Target Level (FAC 62-777)
ug/L	Micrograms per Liter (ppb)	U	Analyte not detected above the MDL

APPENDIX B

SAR SUMMARY SHEET

SITE ASSESSMENT REPORT SUMMARY SHEET

Facility Name: PCA 25 (UST Site 119 Fuel Transfer Sump), NAS Jacksonville

Reimbursement Site: ☐

Location: Jacksonville, Florida

State Contract Site: ☐

EDI #: _____ FAC I.D.# _____ Other: Non-Prog. ☑

Date Reviewed: _____ Local Government: _____

(1) Source of Spill: Railroad Sump Date of Spill: Unknown

(2) Type of Product:

Gasoline Group	Gallons Lost	Kerosene Group	Gallons Lost
☐ Leaded		☐ Kerosene	
☐ Unleaded Regular		☑ Diesel	
☐ Unleaded Premium		☐ JP-4 Jet Fuel	
☐ Gasohol		☐ Heating Fuel	
☐ Undetermined		☐ Unknown	

(3) Description of IRA: Tank and pipe removal action.

☐ Free product Removal: _____ (gals)
☐ Soil Removal: _____ (cubic yds)
☐ Soil Incineration: _____ (cubic yds)

(4) Free Product still present (yes/no) No Maximum apparent product thickness: N/A (feet)

(5) Maximum Groundwater contamination levels (ppb):

Total VOA:	0.80	benzene:	0.7	EDB:	< MDL
lead:	12.2	MTBE:	< MDL	PAHs:	63

(6) Brief lithologic description: Medium to fine grained sand. No significant lithologic variations across site.

(7) Areal and vertical extent of soils contamination defined (yes/no) Yes

Highest current soil concentration (OVA): 3271 (ppm) or (EPA method 5030/8020: _____ ppb)

(8) Lower aquifer contaminated? (yes/no) No Depth of vertical contamination: N/A

(9) Date of last complete round of groundwater sampling: 12/07/05 Date of last soil sampling: 03/29/07

(10) QAPP approved? (yes/no) Date: N/A

(11) Direction (e.g. NNW) of surficial groundwater flow: S Estimated ___ _____

(12) Average depth to groundwater: 5.0 (ft)

(13) Observed range of seasonal groundwater fluctuations: @ 1 _____ (ft) (Based on water level data collected during TCA, Site Screening, and SAR)

(14) Estimated rate of groundwater flow: 0.053 (ft/day)

(15) Hydraulic gradient across site: 0.0035 (ft/ft)

(16) Aquifer characteristics:

	Values	Units	Method
Hydraulic conductivity	3.8	ft/day	-
Storage coefficient	-	ft/ft	-
Aquifer thickness	20	ft	Literature
Effective soil porosity	0.25	%	-
Transmissivity	-	gal/day/ft	-

(17) Other remarks: (14) and (16) above based on results at nearby sites and info in literature

APPENDIX C

FIELD NOTES

"Rite in the Rain"®

ALL-WEATHER WRITING PAPER

FIELD

All-Weather Maxi-Spiral

No. 353-MX

CTO 0003
PCA 25
N0132

Tim Curtin - JAX Env. Mgr - 542-4228

Chief Washington - Boathouse Mgr.

0730 A. PATE (AP) & S. BALLARD (SB) MEET DRILLERS & MOBILE LAB AT NAS JAX COMMERCIAL GATE

0745 GET PASSES AND HEAD TO PCA 25

WEATHER: SUNNY
~42°

PURPOSE: DPT & SOIL SAMPLING ASSESSMENT W/ORK (LEVEL D)

PERSONNEL: MILLER DRILLING - JASON BOGGS
ANALYTICAL LABORATORIES OF FLORIDA - DALE SCHAMP

NOTE: WAS SENT PID AND NEEDED FID - WE WILL LET MOBILE LAB RUN SOILS UNTIL FID GETS HERE TOMORROW.

0820 WORKING ON SAFE WORK PERMITS AND GETTING RIG READY - WILL HOLD H&S MEETING BEFORE WE START.

0830 HOLD H&S MEETING AND DISCUSS HAZARDS
- WEATHER
- SLIPS, TRIPS, FALLS
- PPE
- EMERGENCY CONTACTS AND HOSPITAL ROUTES
- EMERGENCY MEETING AREA.

0848 SET UP ON SB01 NEAR RR SUMP

0907 COLLECT SB01-S01 - SEND TO MOBILE LAB (WILL FID SAMPLE TOMORROW)

NOTE: SEE DPT SAMPLE LOG SHEET FOR SAMPLES AND TIMES

PROCESS FOR COLLECTING SAMPLES IS AS FOLLOWS
- HAND AUGER TO CLEAR UTILITIES AND COLLECT 1' AND 3' SOIL SAMPLES
- PUSH MACROCORE 5' FROM 4' BLS TO 9' BLS FOR 5' SOIL SAMPLE AND ALSO MAKE A DETERMINATION ON WATER TABLE DEPTH
- COLLECT 6-10' GW SAMPLE VIA PERISTALTIC PUMP FOR SUBMITTAL TO MOBILE LAB.

1215 CALL GREG ROOF AND LET HIM KNOW ABOUT SITUATION W/ LOCATIONS IN THE RR TRACK AREA. WE DISCUSS MOVING THE POINTS NEAR THE RR SUMP TO THE NORTH AND POINTS LEADING OUT TO THE DOCK WILL BE MOVED SOUTH OF THE RR TRACK.

NOTE: SB04 BORING HAD REFUSAL @ 5½' MOVING BORING ~5' SOUTH TO COLLECT GW SAMPLE

1545 SETTING UP ON SB10 (COLLECTED SB01-SB04; SB09 & SB10)
ALL SAMPLES HAVE BEEN SUBMITTED TO MOBILE LAB - WILL MAKE DETERMINATION ON FIXED BASE LAB SAMPLES TOMORROW AFTER FID ARRIVES.

1600 COLLECT SAMPLE FROM SB10 AND FINISH UP FOR THE DAY
START CLEANING UP AND PLAN STRATEGY FOR TOMORROW.
SEE NEXT PAGE FOR FID READINGS.

1630 TANUS, DRILLERS, AND LAB MOB OFFSITE.

10/25/05 PCA 25 112G00132

SAMPLE ID	UNFILTERED (ppm)	FILTERED (ppm)	TIME	BKG=1.7ppm
JAX-PCA25-SB01-S01-102505	0	—	0907	
JAX-PCA25-SB01-S03-102505	19.4	0	0917	
JAX-PCA25-SB01-S05-102505	217.3	60.6	0931	
JAX-PCA25-SB02-S01-102505	0	—	1035	
JAX-PCA25-SB02-S03-102505	0	—	1040	
JAX-PCA25-SB02-S05-102505	52.2	17.0	1058	
JAX-PCA25-SB03-S01-102505	0	—	1242	
JAX-PCA25-SB03-S03-102505	0	—	1246	
JAX-PCA25-SB03-S05-102505	0	—	1259	
JAX-PCA25-SB04-S01-102505	0	—	1359	
JAX-PCA25-SB04-S03-102505	0	—	1403	
JAX-PCA25-SB04-S05-102505	0	—	1419	
JAX-PCA25-SB09-S01-102505	0	—	1448	
JAX-PCA25-SB09-S03-102505	0	—	1452	
JAX-PCA25-SB10-S01-102505	0	—	1512	
JAX-PCA25-SB10-S03-102505	0	—	1516	

Ale Pate

Ale Pate

7

10/26/05 PCA25 NAVY 112G0132

0725 A. PATE (AP) & S. BALLARD (SB) MEET DRILLERS AND MOBILE LAB AT NAS CONTRACTORS GATE

WEATHER: SUNNY ~40°

PERSONNEL: MILLER DRILLING - DAVID BOGGS
JASON BOGGS
ANALYTICAL LABORATORIES OF FLORIDA - DALE SCHAMP

PURPOSE: CONTINUE SOIL & GW ASSESSMENT

NOTE: SPOKE w/ C. ROOF ABOUT RESULTS AND PLACEMENT OF BORINGS ALONG RR TRACK - WE WILL DPT ALONG NORTH SIDE OF TRACKS

0820 SETTING UP ON SB05 - SEE DPT SAMPLE LOG SHEET FOR LOCATION, SAMPLES, & TIMES - A TABLE w/ FID RESULTS WILL BE COMPLETED WHEN FID ARRIVES

0910 MOVING TO SB06

1020 G. ROOF & C. METZ (TTNUS) ARRIVE ON SITE W/ FID START FID FOR SAMPLES TODAY AND FID YESTERDAYS SAMPLES - SEE TABLE ON PREVIOUS PAGE FOR YESTERDAYS SAMPLES AND BELOW FOR TODAYS SAMPLES

SAMPLE ID	UNFILTERED (ppm)	FILTERED (ppm)	TIME	BKG-1.3 ppm
JAX-PCA25-SB05-S01-102605	0	—	0829	
JAX-PCA25-SB05-S03-102605	0	—	0843	
JAX-PCA25-SB06-S01-102605	51.5	0	0911	
JAX-PCA25-SB06-S03-102605	0	—	0915	
JAX-PCA25-SB07-S01-102605	0	—	0944	
JAX-PCA25-SB07-S03-102605	0	—	0947	
JAX-PCA25-SB08-S01-102605	0	—	1016	
JAX-PCA25-SB08-S03-102605	0	—	1018	
JAX-PCA25-SB10-S01-102605	0	—	1050	
JAX-PCA25-SB12-S03-102605	0	—	1052	
JAX-PCA25-SB11-S01-102605	0	—	1118	
JAX-PCA25-SB11-S03-102605	0	—	1120	
JAX-PCA25-SB13-S01-102605	0	—	1145	
JAX-PCA25-SB13-S03-102605	0	—	1149	
JAX-PCA25-SB14-S01-102605	214.1	4.1	1250	
JAX-PCA25-SB14-S03-102605	3326	55	1300	
JAX-PCA25-SB15-S01-102605	0	—	1310	
JAX-PCA25-SB15-S03-102605	0	—	1320	
JAX-PCA25-SB16-S01-102605	0	—	1305	
JAX-PCA25-SB16-S03-102605	0	—	1335	
JAX-PCA25-SB17-S01-102605	0	—	1340	
JAX-PCA25-SB17-S03-102605	164.4	32.2	1845	

10/26/05 PCA 25 DAY 4 1126 00132

SAMPLE ID	UNFILTERED (ppm)	FILTERED (ppm)	TIME	BKG-0.7ppm
JAX-PCA25-SB18-S01	0	—	1355	
JAX-PCA25-SB18-SB3-[illegible]	0	—	1400	

SOIL SAMPLES COLLECTED TO GO TO FIXED BASE LAB

SAMPLE ID	ANALYSIS FOR LAB	TIME COLLECTED
JAX-PCA25-SB01-S03	PAH/TRPH(1); VOCs (4)	1200
JAX-PCA25-SB09-S05	"	1210
JAX-PCA25-SB01-S05	"	1320
JAX-PCA25-SB09-S03	"	1455
JAX-PCA25-SB11-S03	"	1515
JAX-PCA25-SB14 S03	"	1535
JAX-PCA25-SB17-S03	"	1550

DID NOT FID SAMPLES ON STEP OUT BORING b/c NO EVIDENCE WARRANTED.

COLLECTED SAMPLES FROM SB19 & SB20 AND SUBMITTED TO MOBILE LAB FOR GW ANALYSIS

1615 TENUS, DRILLER AND MOBILE LAB OFFSITE.

NOTE: WILL DECIDE TOMORROW AFTER WE SEE DATA IF WE NEED MORE STEP OUT SAMPLES.

10/27/05 PCA 25 NAVY 112G00132

0730 MEET DRILLERS AND MOBILE LAB AT CONTRACTORS GATE.
A. PATE & S. BALLARD (TENUS) GET BADGES AND TRUCK PASS

WEATHER: SUNNY AND COLD
2 40°

PERSONNEL: MILLER DRILLING - DAVID BOGGS
JASON BOGGS
ANALYTICAL LABORATORIES OF FLORIDA - DALE SCHAMP

PURPOSE: COMPLETE ASSESSMENT WORK AT PCA 25

NOTE: WENT OVER W/ G. ROOF THE RESULTS FROM YESTERDAY - NO SIGNIFICANT DATA CAME BACK - TWO STEP OUT POINTS (19 & 20) WERE CLEAN - STEPPING OUT TO THE EAST W/ 2 MORE BORINGS IN THE FORMER TANK 882 AREA AND ONE ADDITIONAL BORING SOUTHWEST OF OITO BRACKET ALL LOCATIONS WHICH SHOWED A HIT.

0825 DRILLERS ARE GETTING READY AND RE-FUELING RIG.
WE WILL START W/ BORING 22 - NO SOIL SAMPLES WILL BE COLLECTED DUE TO NO VISUAL OR FID EVIDENCE FROM SURROUNDING LOCATIONS

0835 SET UP ON SB22 - EAST OF SB11

1030 SAMPLES SB21, 22, & 23 ARE CLEAN - NO MORE STEP OUTS REQUIRED
DALE SCHAMP WILL BE LEAVING SITE

1035 MOVING TO SB08 FOR LITHOLOGIC SAMPLING (SEE BORING LOG FOR DETAILS)

1200 MOVE TO SB14 FOR LITHOLOGIC SAMPLING " " " "

1345 MOVE TO SB17 FOR LITHOLOGIC SAMPLING " " " "

NOTE: SB IS GETTING SAMPLES (SOIL) READY FOR FED-EX PICK-UP SAMPLES WILL BE SHIPPED TO KATAHDIN ANALYTICAL FOR GAG AND KAG ANALYSIS MW's WILL BE INSTALLED BASED ON DPT MOBILE LAB RESULTS AND FIXED BASED LAB DATA.

1445 DRILLERS START CLEANING UP AND GROUTING BORINGS

1600 DRILLERS AND TENUS OFFSITE.

Rep

Alan Pate

11/15/05 PCA 25 112G00132

0730 A. PATE ARRIVES AT CONTRACTORS GATE @ NAS JAX
MEET JAY JACOBS (MILLER DRILLING)
JASON BOGGS ON THE WAY

0800 JASON BOGGS (MILLER DRILLING) ARRIVES ONSITE

WEATHER: SUNNY & CLEAR
~72°
30% CHANCE OF SHOWERS

PERSONNEL: A. PATE - TENUS
JAY JACOBS - MILLER
JASON BOGGS - MILLER

PURPOSE: INSTALL MW'S AT PCA 25 (4 SHALLOW & 1 INT.)

NOTE: WENT TO FACILITIES AND PICKED-UP FLIGHTLINE FLAG FOR DRILL RIG
HOLD H&S TAILGATE - GO OVER HAZARDS
- TRAFFIC
- UTILITIES
- PPE

0840 ARRIVE AT PCA 25 LOC. # SB08 AND SET UP RIG. THIS IS A SHALLOW WELL LOCATION (MW-5) W/ SCREEN TO INTERSECT WATER TABLE (10 ft. SCREEN TO BE INSTALLED

0910 LEAVE SITE AND GO TO CONTRACTORS GATE TO MEET ATLANTIC DRILLING

0930 BACK @ PCA 25 - WILL START ON MW05 @ SB08

1005 MW05 INSTALLED TO 13' BLS W/ 20-30 SAND TO APPROXIMATELY 1' ABOVE SCREEN (SEE MW INSTALL SHEET FOR DETAILS)

1015 SANDPACK & SEAL COMPLETE - WILL MOVE TO DECON AREA & DECON AUGERS THEN SET UP ON MW01 @ SB01

1045 FINISH CONSTRUCTING DECON PAD AND DECON AUGERS
SETTING UP ON MW01 @ SB01

1115 HIT PIPE IN BOREHOLE WILL MOVE BORING ~1 OR 2 FEET TO CLEAR.

1130 MOVED NW APPROX. 2' AND HIT DUCT BANK EDGE

1145 MOVED NW APPROX 1' AND HIT BOTTOM OF DUCT BANK @ ~5'

1155 MOVED W ~2' SAME OUTCOME

1205 MOVING TO SB09 (MW02) TO INSTALL SHALLOW WELL AND WILL CALL GREG TO DISCUSS MW01 INSTALLATION WHILE DRILLERS DECON

NOTE: S. BALLARD IS ON SITE TO TRY AND LOCATE FID POINTS OVER 100 AS RECORDED BY PREVIOUS TANK CLOSURE ASSESSMENT AND ALSO TAG EXISTING MW'S.

1255 DRILLERS BACK FROM LUNCH

1315 START ON MW02 @ SB09

11/15/05 PCA 25 NAVY 112G00132

1335 MW02 @ SB09 INSTALLED TO 13' BLS W/ 10ft. OF SCREEN AND 20/30 SANDPACK. SEE MW INSTALL SHEET FOR DETAILS

1400 DECON AUGERS - WILL MOVE TO WELL CLUSTER (MW03 & 04) NEXT @ SB11 MW03 (SHALLOW) AND MW04 (INTERMEDIATE) WE WILL TAG CLAY AND SET MW04 ON TOP OF CLAY.

NOTE: CLAY IN AREA ~22-24' IN DEPTH.

1415 SPOKE W/ DRILLER AND WE WILL TRY TO GET ALL 4 SHALLOWS IN GROUND TODAY AND SEALED - FOR TOMORROW WE WILL HAVE INTERMEDIATE WELL AND DEV. PLUS SOME PADWORK.

1420 START INSTALLATION OF MW03

1445 MW03 INSTALLED TO BLS W/ 10ft. OF SCREEN AND 20/30 SANDPACK SEE MONITORING WELL INSTALLATION SHEET FOR DETAILS

NOTE: ALL SOIL CUTTINGS PLACED IN FDOT APPROVED 55gal DRUMS AND PROPERLY LABELED. (STORED ON SITE)

SPOKE W/ G. ROOF ABOUT PLACEMENT OF MW01 - WE WILL MOVE IT TO THE EAST ~3 ft.

1530 START ON MW01 - HIT SAME CONCRETE @ ~5' - ONLY PLACE TO MOVE NOW IS N OR S WE WILL TRY SOUTH FIRST b/c IT IS CLOSER TO THE SUMP

1545 SET UP @ APPROX. NW CORNER OF SUMP

1610 ~6' HIT SOMETHING METAL - WE WILL STOP FOR TODAY AND I WILL CONSULT W/ GREG ABOUT WHERE WE NEED TO INSTALL WELL. START CLEANING AREA & SECURING SUPPLIES WILL BEGIN IN THE MORNING AT 0730

1645 TENUS & DRILLER OFF SITE

ALP

Alan Pate

11/16/05 PCA 25 NAVY 112600132

0730 A. PATE (TENUS) MEETS DRILLERS AT CONTRACTORS GATE - GET PASSES AND PROCEED TO PCA 25

0740 ARRIVE ON SITE AT PCA 25

WEATHER: PARTLY CLOUDY
~ 73°
30% CHANCE OF RAIN

PERSONNEL: A. PATE (TENUS)
JAY JACOBS - MILLER
JASON BOGGS - MILLER

PURPOSE: INSTALL REMAINING MW'S AT PCA 25

NOTE: HOLD H&S TAILGATE - DISCUSS HAZARDS
TALK W/ G. ROOF ABOUT LOCATION FOR MW01

0810 SET UP ON MW04 (INT MW) @ SB11 - WE WILL START SPOONING AT 20' TO LOCATE CLAY - WE WILL THEN SET WELL ON TOP OF CLAY

0835 GETTING READY TO START SPOON FROM 20 - 22' IN SEARCH OF CLAY

NOTE: SOMETHING IS WRONG W/ RIG. JAY CALLED ATLANTIC DRILLING AND THEY ARE DROPPING A PART OFF AT COMMERCIAL GATE.

0900 JAY HEADS TO COMM. GATE TO PICK UP PART. JASON IS STARTING TO CONSTRUCT FORMS FOR THE PADS

1050 JAY BACK ON SITE W/ PART
BACK TO WORK

1110 RIG STILL NOT FUNCTIONING PROPERLY - DRILLERS ARE WORKING ON IT.

1120 SPOON NOT WORKING - BACKGROUND LITHOLOGY LEADS CLAY AT ~24'
WE WILL SET WELL AT ~24'

1200 FINALLY GET SPOON OUT OF GROUND - HYDRAULICS ARE NOT WORKING ON RIG. SOMETIMES THEY DO; SOMETIMES THEY DON'T. WE WILL TRY AND GET WELL SET - DON'T KNOW IF WE WILL

NOTE: JAY HAS A CALL IN TO MOBILE ABOUT HYDRAULICS - THEY ARE GOING TO LUNCH AND WAIT ON CALL BACK

1245 DRILLERS BACK FROM LUNCH

1300 AWAITING CALL BACK FROM MOBILE - JAY WILL GO GET CONCRETE AND ONE MORE FORM FOR LAST PAD. I WILL STAY HERE WITH RIG

1330 A. PATE CALIBRATES GPS AND LOCATES SOIL BORINGS AND MW'S

1465 DRILLERS BACK ON SITE - RIG WILL HAVE TO BE CHECKED OUT. CALL DAVID BOGGS AND EXPLAIN TO HIM I NEED SOMEONE HERE TOMORROW TO DEVELOP.

1446 DRILLERS START ON PADS (MW02, 03 & 05) - FIND OUT DAVE BOGGS WILL BE HERE TOMORROW WITH GEOPROBE RIG TO FINISH

1630 PADS COMPLETE AND AREA IS CLEAN.

1645 TENUS & MILLER OFF SITE.

11/17/05 PCA 25 NAVY 112000132

0730 A. PATE (TENUS) MEET DRILLER AT CONTRACTORS GATE
DAVID BOGGS (MILLER)
0750 ARRIVE @ PCA 25
WEATHER: CLOUDY
~56°
CHANCE OF SHOWERS
PERSONNEL: A. PATE (TENUS)
DAVID BOGGS (MILLER)
PURPOSE: INSTALL 2 REMAINING WELLS AT PCA 25 AND DEVELOP WELLS PREVIOUSLY INSTALLED.
-HOLD H&S W/ DAVID (HE HAS PREVIOUSLY BEEN ON SITE)
NOTE: WE WILL TRY AND GET HSA RIG OUT OF THE WAY AND SET UP ON EXISTING BOREHOLE. IF WE CAN'T MOVE RIG, WE WILL MOVE TO NEW LOCATION AND INSTALL WELL TO 24' (MW04)
0810 DAVE IS TRYING TO GET RIG OUTRIGGERS UP
0825 RIG MOVED WILL POSITION GEOPROBE AT AUGER LOCATION AND PROCEED DOWN TO 24'
0900 AUGERS AT DEPTH OF 24' - WILL START INSTALLING WELL AND SANDPACK.
0930 TALKED W/DAVE BOGGS ABOUT SCREEN - I ASKED HIM IF HE INSTALLED A 5' SCREEN - HE SAID IT WAS A 10' - HE WILL RE-INSTALL W/ A 5' SCREEN (DID NOT READ SCOPE - SCOPE SPECIFICALLY STATES A 5' SCREEN ON INT/DEEP WELL.
NOTE: DAVE CHECKED INVENTORY OF SUPPLIES AND REASSURE ME IT WAS A 5' SCREEN - WILL NOT HAVE TO RE-INSTALL.
1030 MOVE TO MW01 @ SB01 - WILL TRY ANOTHER LOCATION NEAR RR SUMP
DAVE WILL DECON AUGERS
1145 START ON MW01
1215 HIT SAME CONCRETE AS PREVIOUS 6 BORINGS - WE WILL MOVE TO A LOCATION SOUTH OF SUMP
1240 FINALLY AFTER EIGHT TRIES MW01 IS PAST 6' - SEE MONITORING WELL INSTALL SHEET FOR DETAILS
1300 A. PATE STARTS DEV. OF MW02, 03 & 05 (SEE MW DEV SHEET FOR DETAILS
1545 FINISH W/ DEV
START HELPING DAVE MOVE DRUMS (ALL ARE LABELED)
LEAVING ONE DRUM FOR REMAINING 2 WELLS.
1630 A. PATE (OFFSITE)

11/18/05 N0132 PCA 25 CTO 0003 US NAVY

PERSONNEL: PETE LOVEROTE (PL)
TRUCK: F-250LG
PHONE: 7048
WEATHER: 48°F PARTLY CLOUDY + WINDY
OBJ: GET A GPS READING ON MW-01 & FINISH PAD ON THE SAME WELL.

0830 PL MEETS MILLER DRILLING AT COMMERCIAL GATE TO GET TRUCK PASSES.

0850 PL + CREW ARRIVE ON SITE. CREW BEGINS TO SET PAD. PL PUTS GPS UNIT TOGETHER.

0910 PL GETS COORDINATES FOR MW-01 (SEE TABLE BELOW FOR DETAILS)

WELL#	NORTHING*	EASTING
MW-01	653318.135	135867.076

* NAD 83
FLORIDA EAST
MEASURED IN METERS

0930 PAD IS COMPLETE. CREW BEGINS LOADING EQUIPMENT + PREPARING TO DEPART.

0955 PL + CREW LEAVE SITE

12/1/05 PCA 25 U.S. NAVY 112G00R

1080 A. PATE (TENUS) LOADS F-250 WITH DEVELOPMENT EQUIPMENT AND MOBS TO NAS JAX PCA 25

1180 ARRIVE AT CONTRACTORS GATE AND GET PASS - PROCEED TO PCA 25

1185 ARRIVE AT PCA 25

WEATHER: SUNNY ~66°

PURPOSE: DEVELOP WELLS MW01 & MW04

NOTE: CALIBRATE YSI 556 & LAMOTTE - I WILL BE USING SUBMERSIBLE PUMP FOR DEVELOPMENT ACTIVITIES.

1045 BEGIN DEVELOPMENT OF MW04 (SEE MW DEVELOPMENT SHEET FOR DETAILS

NOTE: WELL IS 24' DEEP AND PURGING DRY (RECHARGE IS QUICK) I WILL LET RECHARGE AND KEEP TRYING TO DEVELOP.

1100 WELL HAS PURGED DRY A COUPLE OF TIMES - NOT CLEARING. KEEP TRYING.

1130 DEVELOPMENT HAS BEEN OFF & ON WITH NO CLEARING - WILL MOVE TO MW01

1200 START DEVELOPMENT AT MW01 (SEE MW DEV SHEET)

NOTE: WELL PUMPED DRY IN ~10MIN. - RECHARGING FAST - WILL KEEP ON. RECHARGE IS QUICK AND WELL IS CLEARING UP. WILL KEEP GOING

1235 ABLE TO OBTAIN 5 YSI READINGS AND WELL IS STABLE AND TURBIDETY IS <20 NTU's - DEVELOPMENT COMPLETE

NOTE: PLACE DEV. H2O IN LABELED DRUM AND STORE WITH OTHER IDW

1330 A. PATE (TENUS) OFFSITE

BGSP Equiv.
SB01 (I)
SB11 (I)
SB31 (I)
SB36 (I)
SB47 (R)
SB64 (R)
SB65 (I)
SB66 (R)
SB69 (R)

TRPH - SB1-5 - I
SB31@3 - I
SB42@3 - I
SB64@3 I
SB66@5 - R

Benzene
SB42 - (L) 1

Chlorobenzene
SB47 (L)

Ethylbenzene -
SB42 - (L) 1.1

1-methyl
SB42 (L) 31.0 g/kg
SB64 (L)

2-methyl
SB64 (L)

acenaphthene
SB01 (L)

naphthalene
SB42 (L)

ACP

A. Pate

11

NAVY
112G00132

12/2/05 PCA 25

1045 A. PATE (TENUS) LEAVE OFFICE FOR PCA 25 AT NAS JAX
1110 ARRIVE AT CONTRACTORS GATE OBTAIN PASS AND MOB TO PCA 25
1120 ARRIVE @ PCA 25
WEATHER: SUNNY ~65°
PURPOSE: COLLECT A ROUND OF H_2O LEVELS FROM 5 NEWLY INSTALLED MW'S AND 10 EXISTING WELLS
1130 START OPENING WELLS
1158 START COLLECTING H_2O LEVELS. (SEE GW MEASUREMENT SHEET)
NOTE: HIGH TIDE AT 11:25am - WILL NEED ROUND AT LOW TIDE
1230 COMPLETE ROUND OF H_2O LEVELS - START LOCKING UP WELLS
1320 A. PATE (TENUS) OFFSITE

ALP

A. Pate

12/06/05 PCA 25 NAVY 112600132

0700 A. PATE (AP) & S. BALLARD (SB) PICK UP ~~CORE DRILL FROM RSC AND MOB~~ EQUIPMENT AND MOB TO NAS JAX.

0735 ARRIVE AT NAS JAX

WEATHER: SUNNY & COLD ~ 40°

PERSONNEL: A. PATE
S. BALLARD

PURPOSE: ADDITIONAL SITE ASSESSMENT WORK (WELL SAMPLING)
SEE TABLE BELOW FOR DETAILS

0745 SB STARTS CALIBRATING EQUIPMENT AND AP STARTS OPENING WELLS

WELL	TIME	ANALYSIS
MW05	0915	5035/8260; 5041; 6010; 8270C SIM; FL PRO
MW07	1005	"
MW11	1100	"
MW12	1155	"
MW13	1245	"

NOTE: SAMPLES PLACED ON ICE @ TIME OF COLLECTION

NOTE: SAMPLES WILL BE SHIPPED TO KATAHDIN ANALYTICAL SERVICES VIA FEDEX PRIORITY OVERNIGHT FOR ANALYSIS UNDER WORK RELEASE # 1004535.

1330 A. PATE & S. BALLARD MOB BACK TO OFFICE AND PICK UP MORE ICE ON THE WAY

1415 START PACKING SAMPLES ~~AND RETURN CORE MACHINE TO~~ AP

1600 SAMPLES PICKED UP BY FED EX.

AEP

A. Pate

NAVY
112600132

12/07/05 PCA 25

0700 A. PATE (AP) & S. BALLARD (SB) LOAD TRUCK AND MOB TO NAS JAX

0735 ARRIVE AT NAS JAX

WEATHER: SUNNY & COLD
~42°

PERSONNEL: A. PATE
S. BALLARD

PURPOSE: GW SAMPLING

0745 S. BALLARD STARTS CALIBRATING EQUIPMENT
SEE TABLE BELOW FOR SAMPLING DETAILS

WELL	TIME	ANALYSIS
MW09	0845	5035/8260; 504.1; 6010; 8270 SIM; FL-PRO
MW02	0945	"
MW01	1045	"
MW03	1140	"
MW04	1240	"

NOTE: ALL SAMPLES PLACED ON ICE AT TIME OF COLLECTION. A FIELD CLEANED BLANK (JAX-PCA25-FB01-120705) WAS COLLECTED AT 0800 AND AN EQUIPMENT BLANK (JAX-PCA25-EB01-120705) WAS COLLECTED AT 1300. SAMPLES WERE SHIPPED WITH JAX-PCA25-TB01-040503 TO KATAHDIN ANALYTICAL SERVICES VIA FEDEX. UNDER WR# 1004536

1430 START PACKING SAMPLES

1600 SAMPLES PICKED UP.

AL

1/16/06 PCA 25

0700 A. PATE (AP) & S. BALLARD (SB) LOAD TRUCK AND PICKUP CORE MACHINE FROM RSC. MOB TO NAS JAX

0715 PICK UP SAMPLE CONTAINERS FROM ENCO (JAX) ON THE WAY - ONLY HAVE HALF OF SAMPLE BOTTLEWARE READY

0745 ARRIVE AT NAS JAX -

WEATHER: SUNNY
≈ 45°
0% CHANCE OF RAIN.

PERSONNEL: A. PATE
S. BALLARD

PURPOSE: COLLECT ADDITIONAL SOIL SAMPLES FROM ~25 LOCATIONS

NOTE: (SB) STARTS CALIBRATING PID (AP) STARTS GETTING CORE MACHINE READY - WE DO NOT HAVE ENOUGH EXTENSION CORDS, I WILL GO TO MY HOUSE AND GET MORE WHILE (SB) STARTS HAND AUGERING

0930 ARRIVE BACK ON SITE - START CORING HOLES. - SEE TABLE BELOW FOR SAMPLING INFO.

ID	TIME	DEPTH	PID
SB24	0835	1'	0
"	0845 ✓	3'	0
SB25	0925	1	0
"	0935 ✓	3	0
"	0940	4.5	0
SB26	0950	1	0
"	1000 ✓	3	0
SB27	1010	1	0
"	1015 ✓	3	0
SB28	1045	1	0
"	1055 ✓	3	0
SB29	1105	1	0
"	1115 ✓	3	0
SB30	1125	1	0
"	1130 ✓	3	0
SB31	1145	1	0
"	1155 ✓	3	35
SB32	1205	1	0
"	1215 ✓	3	0
SB33	1340	1	0
"	1350 ✓	3	0
SB34	1405	1	0
"	1415 ✓	3	0
SB35	1430	1	0
"	1445 ✓	3	0

✓ = INDICATES SAMPLE WAS COLLECTED FOR LAB ANALYSES OF GAG/KAG

NOTE: SAMPLES DELIVERED TO ENCO LABRATORY ON ICE - NO TRIP BLANK PROVIDED.

1600 CORE DRILL RETURNED TO RSC.

ALP

Alan Pate

NAVY
112600132

1/17/06 PCA 25

0700 A. PATE (AP) & S. BALLARD LOAD TRUCK AND MOB TO NAS JAX

0735 ARRIVE AT NAS JAX

WEATHER: SUNNY
~40°

PERSONNEL: A. PATE (AP)
S. BALLARD (SB)

PURPOSE: COLLECT REMAINING SOIL SAMPLES

NOTE: (SB) STARTS CALIBRATING PID (AP) STARTS TO DECON HAND AUGER.
SEE TABLE BELOW FOR SAMPLING DETAILS

ID	TIME	DEPTH	PID
SB38	0835	1	0
"	0840 ✓	3	0
SB39	0848 0901	1	0
"	0905 ✓	3	0
SB40	0848	1	0
"	0854 ✓	3	127
SB41	1000 ✓	1	1151
"	1005	3	46
SB42	1010	1	1916
"	1015 ✓	3	2073
SB43	1020	1	0
"	1026 ✓	3	0
SB44	1048	1	0
"	1055 ✓	3	0
SB45	1030	1	0
"	1036 ✓	3	0
SB46	1103	1	0
"	1108 ✓	3	30.5
SB47	1130	1	236
"	1136 ✓	3	2595
SB48	1145	1	0
"	1152 ✓	3	14
SB36	0930	1	0
"	0948 ✓	3	0
SB37	1220	1	0
"	1228 ✓	3	0

✓ = INDICATES SAMPLE WAS COLLECTED FOR LAB ANALYSIS OF GAO/KAG

NOTE: SAMPLES DELIVERED TO ENCO ON ICE

1350 SAMPLES DELIVERED TO ENCO

A. Pate

4/20/06 PCA25 NAVY 112G0013

0935 A. PATE ARRIVES ON SITE W/DRILLERS
JASON BOGGS
JOSH CLIFTON } MILLER DRILLING

WEATHER: SUNNY 78°

PURPOSE: INSTALL SHALLOW MW IN MIDDLE OF FORMER TANK 120 (SB31) FOR GW SAMPLE

0950 CALIBRATE FID & HOLD H&S TAILGATE

1000 SET UP ON LOCATION - SEE MW COMPLETION LOG FOR DETAILS

NOTE: WE WILL INSTALL WELL TODAY AND I WILL DEVELOP TOMORROW AND SAMPLE ON MON. ALONG W/ADDITIONAL SOIL SAMPLES TO BE COLLECTED AT PCA 25. I HAVE CONTACTED TOM PATTON TO LET PENIE ENV. KNOW I WILL BE KEEPING EQUIP. UNTIL MON. AND NOT BE CHARGED.

1005 POLT HOLE TO 4' TO CLEAR UTILITIES

1010 START DRILLING

1025 REACH TARGET DEPTH OF ~13' (CHECKED OTHER WELLS AND DETERMINED WATER TABLE DEPTH TO BE ~4') ALL OTHER WELLS RANGE FROM 11.5-13' AND NO RAIN HAS OCCURED IN SOME TIME. DEPTH OF 13' SHOULD BE SUFFICIENT.

1125 START PADWORK FOR MW14

1154 PAD COMPLETE - DRILLERS START CLEANING-UP AND LOADING EQUIPMENT

4/24/06

Loc.	Time	Depth	PID
SB49	0825	1 & 3	0
SB50	0820	1 & 3	0
SB51	0895 ~~0900~~ (3')	1 & 3	0
SB52	0900	1 & 3	(3') 7.4
SB54	1005 (3')	1 & 3	1-130 3-505
SB53		1'	12.2
"	1020	3'	214.5
SB55		1'	0
"	1035	3'	0
SB56		1'	0
"	1050	3'	0
SB57		1'	0
"	1110	3'	0
SB64		1'	1195
	1125	3'	2487
SB65			
	~~1155~~	1'	987
	1155	3'	1242
SB41	1210	1-2'	SPLP Fame
SB63		1'	0
"	1225	3'	0
SB62	1240	1'	0
	↓	3'	0
SB61		1'	0
	1300	3'	0

Loc.	Time	Depth	PID
SB59		1'	0
"	1315	3'	0
SB58	~~1330~~	1'	0
	1330	3'	0
SB60		1'	0
	1350	3'	0

8/28/06 112GN0132 CORING CTO 0003 US NAVY

PERSONNEL: TERRY COTTENOIR (TC)
TRUCK : OLD F-250 LG
PHONE : 7048
PPE : LEVEL D
WEATHER : 88°F, SUNNY
OBJ : CORE NINE LOCATIONS FOR SOIL SAMPLES.

0930 TC GOES TO RSC AND RENTS A CORING DRILL, 4" BIT, AND GENERATOR.
1000 TC LEAVES FOR NAS JAX.
1025 TC ARRIVES AT CONTRACTORS GATE.
1040 TC CLEARS SECURITY AND HEADS TO SITE.
1045 TC ON SITE. BEGINS PREPARING EQUIPMENT FOR CORING ACTIVITIES.
1055 TC BEGINS CORING AT LOCATION SB 76.
1130 TC FINISHES SB 76 AND MOVES TO SB 75.
1155 TC FINISHES SB 75 AND MOVES TO SB 74.
1225 TC FINISHES SB 74 AND MOVES TO SB 73.
1300 TC FINISHES SB 73 AND MOVES TO SB 77.
1340 TC FINISHES SB 77 AND MOVES TO SB 67.
1420 TC FINISHES SB 67 AND MOVES TO SB 68
1500 TC FINISHES SB 68 AND MOVES TO SB 69.
1525 TC FINISHES SB 69 AND MOVES TO SB 71.
1600 TC FINISHES SB 71. LOCATIONS SB 72 AND SB 66 ARE LOCATED IN GRASS. LOCATION SB 70 IS LOCATED ON THICK CONCRETE AND WILL BE CORED AT A LATER DATE. TC CLEANS UP SITE AND CLEANS AND LOADS EQUIPMENT.
1620 TC LEAVES NAS JAX FOR RSC.
1650 TC ARRIVES AT RSC. RETURNS RENTED EQUIPMENT.
1700 TC RETURNS TO TENUS.

TC

Terry Cottenoir

PCA 25

8/29/06 112GN0132 SOIL SAMPLING CTO 0003 US NAVY

PERSONNEL : TERRY COTTENOIR (TC)
TRUCK : F-250 SD
PHONE : 5427
PPE : LEVEL D
WEATHER : 90°F, SUNNY, 30% CHANCE OF RAIN
OBJ : COLLECT 11 SOIL SAMPLES

0900 TC LEAVES OFFICE FOR NAS JAX
0935 TC AT CONTRACTORS GATE.
0950 TC CLEAR SECURITY AND HEADS TO SITE.
0955 TC ON-SITE. BEGINS PREPARING EQUIPMENT FOR SOIL SAMPLING. CALIBRATES PID. (SEE CAL SHEET)
1010 TC BEGINS HAND AUGERING AT SB 76. (SEE TABLE BELOW FOR DETAILS.)

LOCATION	TIME	DEPTH (FT)	PID UNFILTERED	PID FILTERED	SAMPLE COLLECTED	SAMPLE ID
SB 76	1025	1	0.0	-	-	-
"	1032	3	2.1	0.0	-	-
"	1047	5	141.2	38.2	✓	JAX25-SB76-005
SB75	1406	1	0.0	-	-	-
"	1415	3	40.6	10.2	✓	JAX25-SB75-003
"	1428	5	28.0	4.3	-	-
SB74	1436	1	3.7	0.0	-	-
"	1442	3	1.4	0.7	-	-
"	1455	5	1794	683.3	✓	JAX25-SB74-005
SB73	1519	1	826.2	7.0	-	-
"	1523	3	33.8	2.8	-	-
"	1528	5	1831	694.6	✓	JAX25-SB73-005

* ALL SAMPLES PLACE ON ICE

1115 TC LEAVES SITE TO HELP WES HARDEN WITH TRUCK.
1345 TC BACK ON-SITE. RESUMES SAMPLING.
1550 TC DONE SAMPLING FOR TODAY. WILL RESUME TOMMORROW. BEGINS CLEANING SITE AND EQUIPMENT. LOADS EQUIPMENT IN TRUCK
1615 TC LEAVES NAS JAX.

TC

Terry Cottenoir

(20)

8/30/06 112GN0132 SOIL SAMPLING CTO 0003 US NAVY

PERSONNEL: TERRY CATTERMUR (TC) & JOHN FOSTER (JF)
TRUCK: F-250 SD
PHONE: 5427
PPE: LEVEL D
WEATHER: 82°F, PARTLY CLOUDY, 80% CHANCE OF RAIN
OBJ: CONTINUE COLLECTING SOIL SAMPLES

0805 TC LEAVES OFFICE FOR NAS JAX.
0845 TC AT CONTRACTORS GATE.
0855 TC CLEARS SECURITY AND HEADS TO SITE.
0900 TC ON-SITE. BEGINS PREPARING EQUIPMENT AND CALIBRATES FID (SEE CAL SHEET).
0915 TC BEGINS HAND AUGERING AT SB 77. (SEE TABLE BELOW FOR DETAILS).

LOCATION	TIME	DEPTH (ft)	FID UNFILTERED	FID FILTERED	SAMPLE COLLECTED	SAMPLE ID
SB77	0919	1	36.0	18.4	—	—
"	0929	3	78.8	27.2	—	—
"	0934	5	139.2	56.4	✓	JAX25-SB77-005
SB66	0956	1	0.0	—	—	—
"	1000	3	0.0	—	—	—
"	1007	5	83.1	17.9	✓	JAX25-SB66-005 *
SB67	1031	1	0.0	—	—	—
"	1046	3	0.0	—	—	—
"	1055	5	28.2	1.3	✓	JAX25-SB67-005
SB68	1132	1	0.0	—	—	—
"	1136	3	884.6	426.2	—	—
"	1145	5	1207	880.2	✓	JAX25-SB68-005
SB69	1217	1	0.0	—	—	—
"	1225	3	1.4	0.0	—	—
"	1231	5	111.6	14.1	✓	JAX25-SB69-005
SB71	1246	1	0.0	—		
"	1252	3	8.6	0.0		
"	1300	5	152.1	30.2	✓	JAX25-SB71-005
SB72	1326	1	0.0	—		
"	1332	3	0.0	—		
"	1339	5	~~1326~~ 312	3.1	✓	JAX25-SB72-005

* COLLECTED MS/MSD ON JAX25-SB66-005
ALL SAMPLES PLACED ON ICE

Terry Cattermur

8/30/06 1126N0132 SOIL SAMPLING CTO 0007 US NAVY

1255 JF ARRIVES ON-SITE. BEGINS ASSISTING TC WITH SOIL SAMPLING

1355 SOIL SAMPLING COMPLETE. TC & JF BEGING CLEANING EQUIPMENT AND SITE. LOAD ALL EQUIPMENT IN TRUCK.

1430 TC & JF LEAVE SITE AND NAS JAX.

1500 TC PREPARES COC # 3393 AT TENUS OFFICE.

1530 TC DROPS SAMPLES AND COC # 3393 OFF AT ENCO LABORATORIES.

1600 TC BACK AT TENUS OFFICE

TC

Tenus Pettiford

1/23/07 PCA 25-NAS JAX 112-G00132

Personnel: Kara Wimble (KW)
Contractors: ARC Surveyors
Mark
~~Jeff~~ Geoff
PPE: Level D
Weather: Windy, Cloudy; 50°
Purpose: Survey TOC for 12 MW.
get GW levels

900: meet ARC @ commercial gate to let them in.
915: get onsite locate wells
945: ARC goes outside of fence / flight line to get base
KW pops open wells
1015: ARC begins to PCA 25 to survey wells
1030: KW begins GW levels
1100: ARC leaves
1110: KW leaves site to go to Bldg 1 to get potable well survey

PCA 2 S

3-28-07

SAMPLING Table

Sample ID	Depth	Unfiltered	Filtered	Sampled	Analysis	Time
JAX 2S-SB[redacted]-91	~~01~~					
91	01	0	0	X		1005
	03	0	0	1015	8260B, 8270C SIM, TPH	
92	01	0	0	X		
	03	0	0	1010		
90	01	0	0	X		
	03	2.5	0	1050		
93	01	0	0	X		
	03	3.1	0	1055		
86	01	0	0	X		
	03	0	0	1230		
87	01	0	0	X		
	03	0	0	1235		
88	01	0	0	X		
	03	0	0	1255		
89	01	0	0	X		
	03	0	0	1300		
94	01	454	~~462~~ 12	X	petro odor	
	03	462	8	1315	petro odor	
95	01	1280	2.2	1335	"	
	03	672	0.8	~~X~~	"	
97	01	861	3.1	X	"	
	03	1441	3.4	1400	"	
96	01	10336	9.2	1420	"	
	03	10142	46	X	"	
98	01	7138	2.2	1445	"	
	03 —	Refusal	—	X	"	
99	01	489	0	1505	"	
	03	405	1.1	X	"	
100	03	0	0	X	No odor	
101	03	0	0	X	No odor	
83	01	0	0	X		
	03	0	0	1530		
84	01	0	0	~~1550~~ X		
	03	0	0	* 1550		

PCA 25

3-28-07
3-29-07

SAMPLE ID	Depth	Unfiltered	Filter	Sampled	Comments
JAY 25 SB--					
85	01	2.2	0	x	No odor
	03	515	29	1610	petro odor
82	01	0	0	x	No odor
	03	0	0	1635	"
81	01	280	12	x	petro odor
	03	286	7	1650	petro odor
78	02	0	0	1720	No Petro
79	01	0	0	1730	"
102	01	0	0	~~1745~~ x	"
	03	0	0	1745	"
↑ 103	01	0	—	~~[illegible]~~	No Petro
3.28-07	03	0	—	1755	"
3.29-07 104	01	0	0	x	
↓	03	0	0	1200	
105	01	423	8	1220	petro odor
	03	150	4	x	"
106	01	0	0	x	
	03	0	0	1240	
107	01	0	0	x	
	03	0	0	1255	
80	01	481	72	x	petro odor
	03	772	104	1305	odor petro odor
108	01	0	0	x	
	03	0	0	1315	
109	01	0	0	x	
	03	0	0	1325	
110	01	0	0	x	
	03	0	0	~~10~~ 1335	

Trip Blank 2-12-07 ≈ 1115

PCA 25 - Soil Sampling

3-28-07

Objective: Collect Additional soil samples to further define contaminated soil. Samples analyzed for VOAs, PAH, and TRPH. Collect SB78 thru SB110

Weather: Sunny, 83°F

Personnel: Dave Siefken, Chuck Metz

Equipment: Stainless-steel hand Auger. Deconned between each point with a liquNox bath, dI rinse, and Air dried.

0815 TTNUS gain access to base.
0825 Arrive at site and unpack Truck. Set up sample Table.
0925. Conduct H&S meeting, calibrated FID.
0935. Locate all sample location and verify with sample map.
1000. Begin with SB90. See sample Table on previous pages (24+25) for sample info. All samples analyzed for 8260B, 8270C SIM, and TRPH.

Note: Water table was verified before SB90. Check nearby flush-mount well where water was 4.7 ft bls. Hand Augered SB90 to 5' and it had water in it after sitting for 30 minutes.

Therefore, following workplan, samples were collect from 1' bls and 3' bls. Samples were FIDed (filtered + unfiltered). A sample was collected from either the sample with the highest FID reading or the 3' bls sample (if no FID detection).

1755 Collected last sample of day.
1615 Pack up Truck and return to TTNUS office. Will pack sampled and ship via Fed Ex to Katahdin Analytical.

~~Note:~~ CM

Kat An
207-874-2400

Kell
412-921-7273

CM

3-29-04

OBJECTIVE: same as previous day, complete soil sampling

Weather: Sunny, 85°F

Personnel: Dave Siepkin, Chuck Metz

Equipment: stainless steel hand auge.

1130 Arrive at site to complete soil delineation. See Table on pages 24 & 25 for sample info (Time, ID, Analysis)

1335 Collect last sample.
1400 Leave site. Will ship samples to Katahdin Analytical via Fed Ex.

Note: Lab called to say several VOA samples didn't appear to have DI water. It was reasoned the lab forgot to add water to the vials they sent. They will note in narrative of report.

CTO 0003 PCA 25- Groundwater Sampling 7-5-07

Objective : Collect 12 groundwater samples from PCA 25.
Weather : Cloudy ~85°F
Personnel : Jon Foster (JF), Mark Yarbrough (MY) T+MWS
Vehicles : F250 SD
2006 F250 lift gate

0930 Arrive at flightline gate. Sampled well MW105S at OU-1 previously. Flightline badge doesn't work to gain access. Will check with Environmental office.

1005 Badge will work in approx. 1 hour. Chuck Metz to meet JF and MY to gain access.

1035 Chuck Metz arrives. JF + MY at PCA 25. Begin uncapping wells for depth to water measurements.

1110 Begin purging & + sampling wells.

Sample ID	Sample Time	Analysis &
JAX25-MW07-20070705	1150	EDB, 8260B,
-MW13-	1156	Lead (6010), FLPRO,
-MW01-	1259	+ 8270C PAH
-MW04-	1300	
-MW03-	1407	& Samples placed on
-MW02-	1412	ice upon collection
-MW12-	1457	
-MW11-	1509	

1520 collect High Tide water level measurements. See Groundwater Level Sheet.

1540 Leave NAS JAX for ENCO Labs.

1620 Arrive at ENCO Labs. Drop off samples.

JF

CTO 0003 PCA 25- Groundwater Sampling 7-6-2007

Objective: Same as previous day. Collect remaining groundwater samples
Weather: Partly cloudy ~85°F
Personnel: Jon Foster (JF) Mark Yarbrough (MY) T+M's
Vehicles: F250 SD ; 2006 F250 Lift Gate

0830 Arrive at commercial gate and check in. Picked up ice on way to NAS JAX

0845 Arrive at PCA 25 and uncap wells for water level measurements to take place later.

0900 Calibrate equipment YSI 556 MPS' + LaMotte 20/20 Turbidimeter. See calibration log sheets for details.

0948 Begin purging + sampling wells. See chart below for details.

Sample ID	Sample Time	Analysis
JAX25-MW14-20070706*	1020	EDB, 8260B, Lead 6010,
MW09	1042	FLPRO, PAHs 8270C
MW15	1149	Samples placed on ice
MW05	1154	upon collection
DUP	1042	

* MS/MSD collected at MW-14

Duplicate collected at MW-09

1220 ~~1110~~-JF Collect water level measurements across site during Low Tide. See water level measurement sheet for details.

1235 Leave site for ENCO Labs.

1300 Arrive at ENCO Labs. Turn in samples.

JF

5/13/08 112G00132 PCA 25 NAS JAX CTO 003

Personnel: Donald Hardison (DH), Chuck Metz (CM)
Truck: 250 Liftgate Phone: 5427 PPE: Level D Weather: 80's sunny
Objective: Collect groundwater samples at PCA 25

1245 - Arrive at site from NEX Gas Station.
- Note more wells and wells on different locations than what is noted on map.

1300 - DH begins gw sampling. CM mapping well locations and tagging them

~~WELL~~
- See table for details
- PID 0.0 ppm Background

Well ID	Sample ID	Sample Time	Sampler	Analysis	On Map
MW 11	JAX-PCA25-MW11 - 051308	1320	DH	EDB, 8260B, Lead,	Yes
MW01	JAX-PCA25-MW01 - 051308	1412	DH	FL-PRO, 8270C (PAH)	Yes
MW02	JAX-PCA25-MW02 - 051308	1416	CM	↓	Yes
MW04	JAX-PCA25-MW04 - 051308	1453	CM		Yes
MW13	JAX-PCA25-MW13 - 051308	1457	DH		Yes
MW03	JAX-PCA25-MW03 - 051308	1554	CM		Yes
TF-MW04	JAX-PCA25-TF-MW04-051308	1557	DH		No

- Samples chilled with ice to 4°C
- ~~No~~ Trip Blank included in cooler with 8260B samples

1635 - Leave site. Stop to get ice

1705 - Drop of samples at Columbia Analytical
- Head back to office

DH

JD

DM

5/14/08 112600132 PCA 25 NAS JAX CTO 003

Personnel: Donald Hardison
Truck: 250 Lift Gate Phone: 5427 PPE: Level D Weather: 80s, Sunny
Objective: Continue collecting gw samples at PCA 25

0745 - Arrive at office
0915 - Leave for site. Stop to get ice.
1000 - Calibrating equipment on site. Details in calibration sheet.
1040 - Begin gw sampling. See table for details.
PID - 0.0 ppm Background

Well ID	Sample ID	Sample Time	Analysis	on Map	MS/MSD
MW09	JAX-PCA25-MW09-051408	1128	EDB, 8260B, Lead,	yes	✓
MW 12	JAX-PCA25-MW12-051408	1255	FL-PRO, 8270C(PAH)	yes	
MW 14	JAX-PCA25-MW14-051408	1342		yes	
MW 15	JAX-PCA25-MW15-051408	1445		yes	
MW07	JAX-PCA25-MW07-051408	1530		yes	
MW05	JAX-PCA25-MW05-051408	1615		yes	

- Samples packed with ice to cool to ~4°C
- Trip Blank included in cooler with 8260B samples

1645 - Leave site. Stop to get more ice.

1720 - Stop by Columbia Analytical to drop of samples

5/15/08 112G00132 PCA 25 NASJAX CTO 003

Personnel: Donald Hawkinson

Truck: F250 Liftgate Phone: personal PPE: Level D Weather: 80s, sligh[illegible]

Objective: Finish collecting gw samples at PCA 25

0790 - At office preparing for day

0820 - Leave for site. stop to get ice and gas.

0910 - Calibrating equipment on site. will sample additional wells that were found on site today

0930 - Begin purging well. See table for details.

well ID	Sample ID	Sample Time	Analysis	on map
TF-MW03	JAX-PCA25-TF-MW03-051508	1000	EDB, 8260B, Lead, FL PRO, 8270C (PAH)	no
MW-16I	JAX-PCA25-MW16I-051508	1057	↓	no
TF-MW11	JAX-PCA25-TF-MW11-051508	1147		no

- Samples packed in coolers w/ ice to chill to 4°C
- Trip Blank placed in cooler with samples
- P.I.D - 0.0 ppm background

1210 - Leave site

1240 - Drop off samples at Columbia Analytical

8-17

5/16/08 112600132 PCR 25 NAS JAX CTO 003

Personnel: Donald Hardison
Vehicle: P.O.V. Weather: 70s overcast
Objective: Collect ground water levels at site

1005 - on site un capping wells
1015 - Collecting gw levels
1100 - Finished collecting gw levels. Capping wells.
1130 - off site
- see gw measurement sheet for details

PCA 25

8/12/08 112600132 GW SAMPLING CTO 0003 U.S. NAVY

PERSONNEL: KEVIN WEICHERT (KW), JEFF KRONE (JK)
TRUCK: 2001 F-250
PHONE: 5431
PPE: LEVEL D
WEATHER: OVERCAST 85°
OBJ: COLLECT GW SAMPLES FROM 15 MONITORING WELLS AT PCA 25

0715 KW AT TENUS OFFICE, BEGINS LOADING EQUIPMENT
0730 KW BEGINS CALIBRATING EQUIPMENT - SEE FIELD CALIBRATION LOG SHEETS FOR DETAILS.
0800 JK ARRIVES AT OFFICE - KW + JK LEAVE FOR NAS JAX.- WILL STOP FOR ICE ON THE WAY.
0830 KW + JK ARRIVE AT NAS JAX - BEGIN SETTING UP AND SAMPLING WELLS - SEE TABLE BELOW FOR DETAILS.

WELL I.D.	SAMPLE I.D.	START	STOP	SAMPLE TIME	ANALYSES
JAX25-MW02	JAX25-MW02-081208	0847	1002	1005	1
JAX25-MW11	JAX25-MW11A 2008 081208	0934	1015	1015	1
JAX25-MW04	JAX25-MW04-081208	1016	1037	1039	1
JAX25-MW03	JAX25-MW03-081208	1100	1130	1132	1
JAX-TF-MW3	JAX-TF-MW3 2008 081208	1104	1141	1145	1
JAX25-MW13	JAX25-MW13-081208	1317	1348	1350	1
JAX25-MW01	JAX25-MW01 2008 081208	1320	1350	1355	1, 2
JAX25-MW14	JAX25-MW14-081208	1414	1440	1442	1

1- SAMPLES TO BE ANALYZED FOR EDB, VOCs, LEAD, FLPRO, AND PAHs.
2- MS/MSD COLLECTED
* ALL SAMPLES PUT ON ICE AND COOLED TO 4°C
* ALL IDW PUT IN DRUM # JAX-NEX-005
* SEE GW SAMPLE LOG SHEETS FOR DETAILS.

1445 IT BEGINS STORMING AT SITE - KW + JK LOAD UP EQUIPMENT.
1530 KW + JK LEAVE SITE

PCA 25

8/13/08 112G00132 GW SAMPLING CTO 0003 U.S. NAV

PERSONNEL: KEVIN WEICHERT (KW), JEFF KROWE (JK)
TRUCKS: 2001 F-250, 2006 F-250 LG
PHONE: 5431
PPE: LEVEL "D"
WEATHER: RAINY, 85°
OBJ: FINISH COLLECTING GW SAMPLES AT PCA 25 + COLLECT WATER LEVELS

0715 KW AT TENUS OFFICE LOADING TRUCK
0730 KW LEAVES OFFICE FOR NASJAX - WILL STOP FOR ICE ON THE WAY
0800 KW AT NAS JAX - BEGINS UNCAPPING WELLS
0820 KW BEGINS CALIBRATING EQUIPMENT WHILE WELLS EQUILIBRATE - SEE FIELD CALIBRATION SHEET FOR DETAILS
0845 KW BEGINS TAKING GW LEVEL MEASUREMENTS - SEE GW LEVEL MEASUREMENT LOG SHEET FOR DETAILS.
0905 KW BEGINS SETTING UP AND SAMPLING WELLS - SEE TABLE BELOW FOR DETAILS

WELL I.D.	SAMPLE I.D.	START	STOP	SAMPLE TIME	ANALYSE
JAX25-MW15	JAX25-MW15-081308	0923	0946	0947	1
JAX25-MW12	JAX25-MW12-081308	1009	1033	1035	1
JAX25-MW09	JAX25-MW09-081308	1144	1202	1205	1
← 1205 - JK ON SITE, BEGINS SAMPLING →					
JAX25-MW07	JAX25-MW07-081308	1231	1252	1253	1
JAX25-MW16	JAX25-MW16I-081308	1156	1331	1331	1
TF-MW11	JAX25-TFMW11-081308	1320	1343	1345	1
TF-MW48D	JAX25-TFMW48-081308	1414	1454	1455	1

1 - SAMPLES TO BE ANALYZED FOR EDB, VOCs, LEAD, FLPRO, AND PAHs.
* ALL SAMPLES PUT ON ICE AND COOLED TO 4°C
* SEE GW SAMPLE LOG SHEETS FOR DETAILS
* ALL IDW PUT IN DRUM JAX-NEX-005

1610 KW + JK LEAVE SITE FOR OFFICE
1620 KW RELINQUISHES SAMPLES TO COLUMBIA ANALYTICAL.

KPW

K. Weichert

12 NOV 08 112600132 PCA 26 GW Sampling CTO 0003 U.S. Navy

Personnel: Jeff Krone
Truck: 2006 F-250
Phone: Personal cellular
PPE: Level D
Weather Cloudy / Rainy 75°
Objective: Collect quarterly gw samples and levels

0830 Departed office for NAS Jacksonville
0900 Arrived at NAS Jacksonville, Procured ice for sample preservation
0920 Arrived at site PCA 26, began unwapping wells for groundwater level and equipment calibration
1025 Commenced groundwater level measurements.
1106 Completed groundwater level measurements, commenced sampling event (see table below).

Well ID	Sample ID	Start	Stop	Sample time	Analyses
TF MW-11	JAX26-TF MW-11	1115	1214	1215	1, 2, 3, 4, 5
TF MW-09	JAX26-MW09-111208	1255	1328	1330	1, 2, 3, 4, 5 MS-MSD
MW-16I	JAX26-MW 16I-111208	1415	1445	1445	1, 2, 3, 4, 5
MW-03	JAX26-MW 03-111208	1520	1551	1600	1, 2, 3, 4, 5

Analysis Key
1 8011-EDB
2 8260B-VOC's
3 6010B-Lead
4 FL PRO
5 8270C-PAH's

All samples cooled to 4° C.

1630 Completed sampling event, packed up equipment
1650 Departed NAS Jacksonville
1750 Relinquished Samples to Columbia Analytical Laboratories
1800 Arrived at office

4/12/11 112G00132 PCA 25 CTO 0003 US NAVY

Personnel : Donald Hendrickson, Kevin Weichert

Objective : Determine GW elevation compared to River Elevation

Time - 1224

JAX-PCA25-TF-MW11 - 4.41 feet below land surface

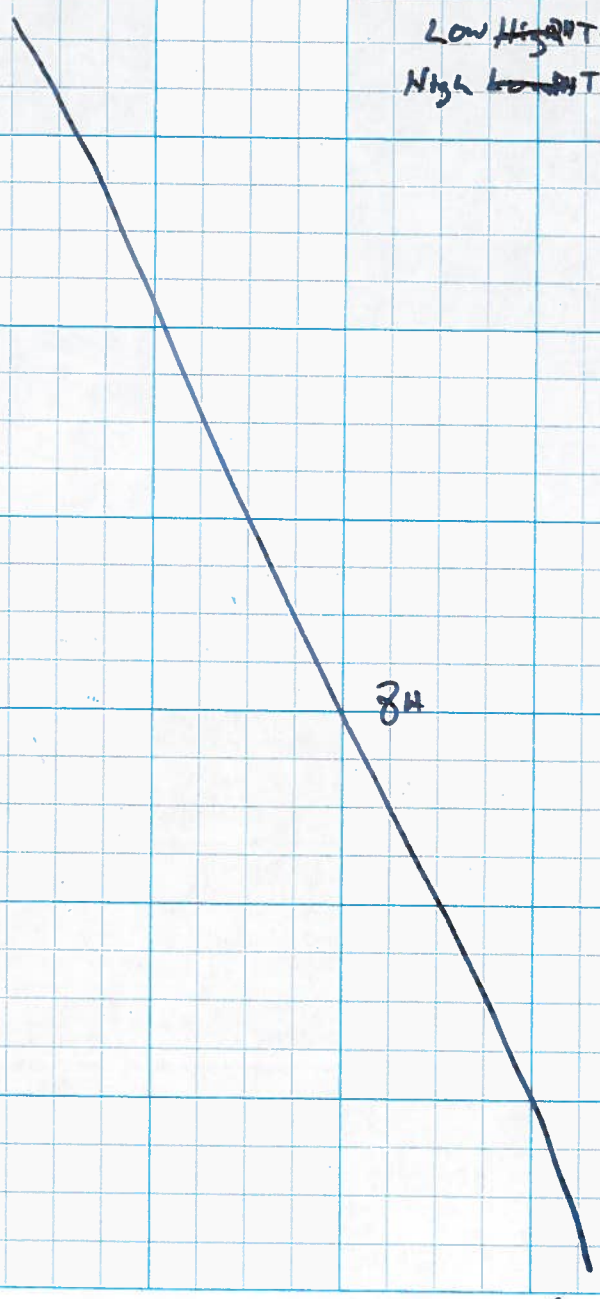
St. Johns River - 8.02 feet below land surface

River level taken at point closest to monitoring well which is approximately 10 feet away from the monitoring well

JAX-PCA 25-TF-MW11 is screened from 2-12 feet bls.

Low ~~High~~ Tide - 6:11 AM

High ~~Low~~ Tide - 1:13 PM



Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: PCA 25
PROJECT NUMBER: 112G00132
DRILLING COMPANY: MILLER DRILLING
DRILLING RIG: 6620DT - UNIT 917

BORING NUMBER: SB08
DATE: 10/27/05
GEOLOGIST: N. PATE
DRILLER: DAVID BOOKS & JASON BOOKS

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length %	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
—	0-4	—			FINE	LT BROWN	LT. BROWN FINE SAND W/ GRAVEL & ROCK FRAGMENTS				0	0	0
—	5-10	—	40		FINE	"	SAND W/ SHELL, ROCK & GRAVEL FRAGMENTS		40% REC (SLUSH)		0	0	0
—	10-14	—	20		FINE	"	NO FRAGMENTS		SATURATED LITTLE RETURN, SLUSH		0	0	0
—	14-15	—	20		FINE	"	FINE SAND W/ SOME SILTS; NO FRAGMENTS				0	0	0
—	15-19	—			CLAYEY	DARK GREY	CLAYEY SAND W/ SOME SILTS				0	0	0
—	19-20	—	70		CLAYEY	"	LT GREYISH/GREEN & LT. BROWN CLAYEY SAND		VERY COMPACT AND MOIST		0	0	0
—	20-23	—	90		TIGHT CLAYEY	LT GREEN	LT. GREEN CLAYEY SAND (COMPACT & TIGHT)				0	0	0
—	23-25	—	90		TIGHT CLAY	LT GREEN	LT. GREEN CLAY			0	0	0	0

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 1.7

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: PCA 25
PROJECT NUMBER: H2G00132
DRILLING COMPANY: MILLER DRILLING
DRILLING RIG: 6620DT - UNIT 917

BORING NUMBER: SB14
DATE: 10/27/05
GEOLOGIST: A. DATE
DRILLER: DAVID BEECKS & JASON BEECKS

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length %	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
—	0-1	—					ASPHALT AND LIME ROCK FILL MATERIAL		FILL MATERIAL		0	0	0
—	1-4	—			FINE	DK BROWN	DARK BROWN FINE GRAINED SILTY SAND		CONTAINED GRAVEL FRAGMENTS		0	0	0
—	4-6	—	100		FINE	"	"		"		0	0	0
—	6-10	—	100		FINE	LT. BROWN	LT. BROWN FINE SAND W/ SILTS		NO FRAGMENTS		0	0	0
—	10-12	—	90		CLAYEY SAND	LT GREY	LT. GREY CLAYEY SAND (COMPACT)				0	0	0
—	12-15	—	90		"	"	LT GREY FINE SAND W/ CLAY & SILT		MOIST		0	0	0
—	15-20	—	95		VERY COMPACT	LT. BR.	LT. BROWN FINE SAND W/ SILT & CLAY		VERY COMPACT		0	0	0
—	20-24	—	95		COMPACT	"	" "		"		0	0	0
—	24-25	—			TIGHT CLAY	DARK GREY	DARK GRAY GREENISH TIGHT CLAY			33	0	0	0

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 1.7

Converted to Well: Yes X No X Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: PCA 05
PROJECT NUMBER: 112G00132
DRILLING COMPANY: MILLER DRILLING
DRILLING RIG: GEOPROBE - UNIT 917
BORING NUMBER: SB17
DATE: 10/27/05
GEOLOGIST: N. PATE
DRILLER: DAVID BOGGS & JASON BOGGS

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery Sample Length %	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
—	0-4	—			FINE & CLAYEY	LT BROWN	LT. BROWN FINE SAND W/ SILTS AND CLAY		FILL MATERIAL		0	0	0
—	5	—	90		FINE	"	LT. BROWN FINE SAND W/ SILTS		SATURATED		0	0	0
—	6-8	—	90		FINE	DARK BROWN	DARK BROWN FINE SAND W/ SILTS		NO FRAGMENTS SATURATED		0	0	0
—	9-10	—			"	LT BROWN	FINE SAND W/ SILTS		"		0	0	0
—	10-18	—			"	LT GRAY	FINE SAND W/ SILT		"		0	0	0
—	18-20	—			"	"	FINE SAND W/ SILT AND SOME CLAY				0	0	0
—	20-23½	—			"	"	" "				0	0	0
—	23½-25	—			TIGHT CLAY	LT GREEN	LT. GREEN TIGHT CLAY			1.4	0	0	0

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 1.7

Converted to Well: Yes X No X Well I.D. #:

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: PCA 25
PROJECT NUMBER: 112G00132
DRILLING COMPANY: MILLER DRILLING
DRILLING RIG: 6620DT - UNIT 917
BORING NUMBER: SB23
DATE: 10/27/05
GEOLOGIST: ALAN PATE
DRILLER: DAVID BOGGS & JASON BOGGS

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery/ Sample Length %	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
—	0-4	— / —			FINE	Lt. Brown	Fine grain sand w/ silty fragments				0	0	0
—	4-7	— / —			FINE	Lt. Brown	" " "		~4.5 ft BLS		0	0	0
—	7-9	— / —	85		FINE	Lt Grey	Fine grain sand w/ silt		4" clay stringer @ 8 ft		0	0	0
—	9-10	— / —			"	"	" "				0	0	0
—	10-15	— / —					NO RETURN		TOO WET		0	0	0
—	15-18	— / —	90		TIGHTLY COMPACT	Lt. Grey	TIGHTLY COMPACTED FINE SAND W/ SILT				0	0	0
—	18-20	— / —	90		FINE	Lt. Grey	Lt Grey & Brown Fine Sand w/ some clay				0	0	0
—	20-22	— / —			"	"	" "				0	0	0
—	22-23	— / —				Green/ Grey	Greenish Grey Clayey Sand				0	0	0
—	23-25	— / —				Lt Green	Lt. Green Clay				0	0	0

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 1.7

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

DOCUMENTATION OF FIELD CALIBRATION

PROJECT NAME : NAS JAX

SITE NAME: PCA 25

PROJECT No.: 1126N0132

INSTRUMENT NAME/MODEL:

MANUFACTURER:

SERIAL NUMBER:

Date of Calibration	Instrument Name and Model	Instrument I.D. Number	Person Performing Calibration	Instrument Settings		Instrument Readings		Calibration Standard (Lot No.)	Remarks and Comments
				Pre-calibration	Post-calibration	Pre-calibration	Post-calibration		
8/29	FID		TL		100.0	98.0	100.0		METHANE
8/30	FID		TL		100.0	96.4	100.0		METHANE

Field form

Tetra Tech NUS, Inc. **DPT SAMPLE LOG SHEET**

Project / Site: PCA25/JAX
Project No.: 112G00132
Soil Boring ID No.: JAX-PCA25-SB01
Sample Location: SB01
[ ] Temporary Monitoring Well
[X] Soil Boring
[ ] Other:
Sampler: SB/AP

GROUNDWATER SAMPLING DATA

Sample ID	Date	Time	Color	pH	S.C.	D.O.	Temp. (C)	Odor
JAX-PCA25-SB01-GW0	10/25/05	0954	LT GRAY					
Total Depth: 10-10'	DTW:			Stickup:	NA	Screen Int:		

SOIL SAMPLE / DIRECT READ INSTRUMENT LOG DATA

Soil Boring ID:	SB01	Date:	10/25/05	Time Start:	
Location Desc.:	NW CORNER OF RR SUMP			Time End:	
				Time Sample:	
				Amount Grout:	

PID / FID READINGS

Depth (ft)	Sample ID	Initial	Filtered	Total	Remarks
01	JAX-PCA25-SB01-S01-102505	0	—		0907
03	JAX-PCA25-SB01-S03-102505	19.4	0	19.4	0917
05	JAX-PCA25-SB01-S05-102505	217.3	60.6	156.7	0934

SAMPLED
SAMPLED

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Laboratory	Collected
VOAs 8260	DI WATER	3-40mL vials/eq	KATAHDIN	✓
VOAs 8260	MEOH	1-40mL vials/eq	"	—
PAHs/TRPHs	NONE	8oz glass jar/eq	"	✓

OBSERVATIONS / NOTES

~~PID~~ FID CAL. 100 PPM Field Log Book No. PCA25 #1

Drilling Area Background (PPM): 1.7

BOTH JAX-PCA25-SB01-S03 & JAX-PCA25-SB01-S05 WERE SAMPLED. 2-40mL vials w/ DI H_2O 1-40mL vial w/ MEOH & 1 8oz jar were sent for each sample

LAB INFO

LAB: KATAHDIN

COC #: 3050

Check if Collected:

☐ MS / MSD ☐ DUPLICATE / ID No.:

Signature(s): Shya A. Ballard, Alan Pate

Tetra Tech NUS, Inc. **DPT SAMPLE LOG SHEET**

Project / Site: PCA25/JAX
Project No.: 112G00132
Soil Boring ID No.: JAX-PCA25-SB02
Sample Location: SB02

[ ] Temporary Monitoring Well
[X] Soil Boring
[ ] Other:

Sampler: SB/AP

GROUNDWATER SAMPLING DATA

Sample ID	Date	Time	Color	pH	S.C.	D.O.	Temp. (C)	Odor
JAX-PCA25-SB02-GW06	10/25/05	1118						
Total Depth:	6-10'	DTW:		Stickup:	NA	Screen Int:		

SOIL SAMPLE / DIRECT READ INSTRUMENT LOG DATA

Soil Boring ID:	SB02	Date:	10/25/05	Time Start:	
Location Desc.:	NE CORNER OF PR SUMP			Time End:	
				Time Sample:	
				Amount Grout:	

PID / FID READINGS

Depth (ft)	Sample ID	Initial	Filtered	Total	Remarks
01	JAX-PCA25-SB02-S01-102505	0	—	—	1035
03	JAX-PCA25-SB02-S03-102505	0	—	—	1040
SAMPLED 05	JAX-PCA25-SB02-S05-102505	52.2	17.0	35.2	1058

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Laboratory	Collected
VOAs 8260	DI WATER	3-40mL vials	KATAHDIN	✓
VOAs 8260	MEOH	1-40mL vial	"	✓
PAH/TCLPH	NONE	8 oz glass jar	"	✓

OBSERVATIONS / NOTES

~~PID~~ FID CAL. 100 PPM Field Log Book No. PCA25 #1

Drilling Area Background (PPM): 1.7

JAX-PCA25-SB02-S05 SAMPLED & SENT TO FIXED-BASED LAB

LAB INFO

LAB: KATAHDIN

COC #: 3050

Check if Collected:

☐ MS / MSD ☐ DUPLICATE / ID No.:

Signature(s): Shana A. Ballard, Alan J. Pate

Tetra Tech NUS, Inc. **DPT SAMPLE LOG SHEET**

Project / Site: PCA25 / JAX
Project No.: 112G00132
Soil Boring ID No.: JAX-PCA-SB03
Sample Location: SB03

[ ] Temporary Monitoring Well
[X] Soil Boring
[ ] Other:

Sampler: SB/AP

GROUNDWATER SAMPLING DATA

Sample ID	Date	Time	Color	pH	S.C.	D.O.	Temp. (C)	Odor
JAX-PCA-SB03-GW6	10/25/05	1310						
Total Depth: 6-10'		DTW:		Stickup:	NA	Screen Int:		

SOIL SAMPLE / DIRECT READ INSTRUMENT LOG DATA

Soil Boring ID:	SB03	Date:	10/25/05	Time Start:	
Location Desc.:	SE Corner of RR Sump			Time End:	
				Time Sample:	
				Amount Grout:	

Depth (ft)	Sample ID	PID / FID Readings: Initial	Filtered	Total	Remarks
01	JAX-PCA25SB03-S01-102505	0	—	—	1242
03	JAX-PCA25SB03-S03-102505	0	—	—	1246
05	JAX-PCA25-SB03-S05-102505	0	—	—	1259
	← VERY MOIST				
					FILL MATERIAL ~2'
					THICK-SOIL TAKEN
					APPROX 1' UNDER FILL

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Laboratory	Collected

OBSERVATIONS / NOTES

~~PID~~ FID CAL. 100 PPM
Field Log Book No. PCA 25 #1
Drilling Area Background (PPM): 1.7

LAB INFO

LAB:
COC #:

Check if Collected:

[ ] MS / MSD [ ] DUPLICATE / ID No.:

Signature(s): Shana A. Pollard, Alan Pate

Tetra Tech NUS, Inc. **DPT SAMPLE LOG SHEET**

Project / Site: PCA25/JAX
Project No.: 112G00132
Soil Boring ID No.: JAX-PCA25-SB04
Sample Location: SB04

[ ] Temporary Monitoring Well
[X] Soil Boring
[ ] Other:

Sampler: SB/AP

GROUNDWATER SAMPLING DATA

Sample ID	Date	Time	Color	pH	S.C.	D.O.	Temp. (C)	Odor
JAX-PCA25-SB04-G06	10/25/05	1454						
Total Depth: 6-10'		DTW:		Stickup:	NA	Screen Int:		

SOIL SAMPLE / DIRECT READ INSTRUMENT LOG DATA

Soil Boring ID:	SB04	Date:	10/25/05	Time Start:	
Location Desc.:	SW CORNER OF RR SUMP			Time End:	
				Time Sample:	
				Amount Grout:	

PID / FID READINGS

Depth (Ft)	Sample ID	Initial	Filtered	Total	Remarks
01	JAX-PCA25-SB04-S01-102505	0	—	—	1359
03	JAX-PCA25-SB04-S03-102505	0	—	—	1403
05	JAX-PCA25-SB04-S05-102505	0	—	—	1419

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Laboratory	Collected

OBSERVATIONS / NOTES

~~PID~~ FID CAL. 100 PPM
Field Log Book No. PCA25 #1
Drilling Area Background (PPM): 1.7

LAB INFO

LAB:
COC #:

Check if Collected:

☐ MS / MSD ☐ DUPLICATE / ID No.:

Signature(s): Shira A. Ballard
Alan L Pate

Tetra Tech NUS, Inc. **DPT SAMPLE LOG SHEET**

Project / Site: PCA25 / JAX
Project No.: 112G00132
Soil Boring ID No.: JAX-PCA25-SB05
Sample Location: SB05

[ ] Temporary Monitoring Well
[X] Soil Boring
[ ] Other:

Sampler: SB/AP

GROUNDWATER SAMPLING DATA

Sample ID	Date	Time	Color	pH	S.C.	D.O.	Temp. (C)	Odor
JAX-PCA25-SB05-GW	10/26/05	0858						
Total Depth: 6-10		DTW:		Stickup:	NA	Screen Int:		

SOIL SAMPLE / DIRECT READ INSTRUMENT LOG DATA

Soil Boring ID:	SB05	Date:	10/26/05	Time Start:	
Location Desc.:	NORTH OF B-121 JUST IN LINE W/ EAST EDGE OF BUILDING NEAR RAILROAD TRACKS; JUST INSIDE RR TRACKS			Time End:	
				Time Sample:	
				Amount Grout:	

PID / FID READINGS

Depth (FT)	Sample ID	Initial	Filtered	Total	Remarks
01	JAX-PCA25-SB05-S01-102605	0	—	—	0839
03	JAX-PCA25-SB05-S03-102605	0	—	—	0843
					WATER TABLE
					AT APPROXIMATELY
					4 1/2 FT

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Laboratory	Collected

OBSERVATIONS / NOTES

~~PID~~ FID CAL. 100 PPM

Field Log Book No. PCA 25 #7

Drilling Area Background (PPM): 1.7

LAB INFO

LAB:

COC #:

Check if Collected:

☐ MS / MSD ☐ DUPLICATE / ID No.:

Signature(s): Shina A. Ballard
Alan L. Pate

Tetra Tech NUS, Inc. DPT SAMPLE LOG SHEET

Project / Site: PCA25/JAX
Project No.: 112G00132
Soil Boring ID No.: JAX-PCA25-SB06
Sample Location: SB06

[ ] Temporary Monitoring Well
[X] Soil Boring
[ ] Other:

Sampler: S.B/AP

GROUNDWATER SAMPLING DATA

Sample ID	Date	Time	Color	pH	S.C.	D.O.	Temp. (C)	Odor
JAX-PCA25-SB06-GW06	10/26/05	0931						
Total Depth: 6-10'		DTW:		Stickup:	NA	Screen Int:		

SOIL SAMPLE / DIRECT READ INSTRUMENT LOG DATA

Soil Boring ID:	SB06	Date:	10/26/05	Time Start:	
Location Desc.:	NE OF B-126; EAST OF SB-05 S. OF B-1937; 3 FT N. OF RR TRACKS AT EDGE OF GRASSY AREA			Time End:	
				Time Sample:	
				Amount Grout:	

PID / FID READINGS

Depth (Ft)	Sample ID	Initial	Filtered	Total	Remarks
01	JAX-PCA25-SB06-S01-102605	51.5	0	51.5	0911
03	JAX-PCA25-SB06-S03-102605	0	—	—	0915
					WATER TABLE AT
					APPROX 4½ FT

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Laboratory	Collected

OBSERVATIONS / NOTES

~~PID~~ FID CAL. 100 PPM
Field Log Book No. PCA 25 #1
Drilling Area Background (PPM): 1.7

LAB INFO

LAB:
COC #:

Check if Collected:

[ ] MS / MSD [ ] DUPLICATE / ID No.:

Signature(s): Shiva A. Ballard
Alan L Pate

Tetra Tech NUS, Inc. DPT SAMPLE LOG SHEET

Project / Site: PCA25/JAX
Project No.: 112G00132
Soil Boring ID No.: JAX-PCA25-SB07
Sample Location: SB07

[ ] Temporary Monitoring Well
[X] Soil Boring
[ ] Other:

Sampler: SB/AP

GROUNDWATER SAMPLING DATA

Sample ID	Date	Time	Color	pH	S.C.	D.O.	Temp. (C)	Odor
JAX-PCA25-SB07-GW06	10/26/05	1003						
Total Depth:	6-10'	DTW:		Stickup:	NA	Screen Int:		

SOIL SAMPLE / DIRECT READ INSTRUMENT LOG DATA

Soil Boring ID:	SB07	Date:	10/26/05	Time Start:	
Location Desc.:	SOUTH OF B-24; APPROX. 27' NORTH OF RAILROAD TRACKS; JUST INSIDE GRASSY AREA			Time End:	
				Time Sample:	
				Amount Grout:	

Depth (FT)	Sample ID	PID / FID READINGS Initial	Filtered	Total	Remarks
01	JAX-PCA25-SB07-S01-102605	0	—	—	0944
03	JAX-PCA25-SB07-S03-102605	0	—	—	0947
					WATER TABLE
					@ APPROX 4 1/2
					FT.

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Laboratory	Collected

OBSERVATIONS / NOTES

~~PID~~ FID CAL. 100 PPM

Field Log Book No. PCA 25 #1

Drilling Area Background (PPM): 1.7

LAB INFO

LAB:

COC #:

Check if Collected:

[ ] MS / MSD [ ] DUPLICATE / ID No.:

Signature(s): Shira A. Ballard
Alan L Pate

Tetra Tech NUS, Inc. **DPT SAMPLE LOG SHEET**

Project / Site: PCA25/JAX
Project No.: 112G00132
Soil Boring ID No.: JAX-PCA25-SB08
Sample Location: SB08
[ ] Temporary Monitoring Well
[X] Soil Boring
[ ] Other:
Sampler: SB/AP

GROUNDWATER SAMPLING DATA

Sample ID	Date	Time	Color	pH	S.C.	D.O.	Temp. (C)	Odor
JAX-PCA25-SB08-GW06	10/26/05	1031						
Total Depth: 6-10'		DTW:		Stickup:	NA	Screen Int:		

SOIL SAMPLE / DIRECT READ INSTRUMENT LOG DATA

Soil Boring ID:	SB08	Date:	10/26/05	Time Start:	
Location Desc.:	SOUTH OF BUILDING 1756 INSIDE RR TRACKS INSIDE GRASSY AREA			Time End:	
				Time Sample:	
				Amount Grout:	

Depth (FT)	Sample ID	PID / FID READINGS Initial	Filtered	Total	Remarks
01	JAX-PCA25-SB08-S01-102605	0	—	—	1015
03	JAX-PCA25-SB08-S03-102605	0	—	—	1018
					WATER TABLE
					AT APPROX 4½ft

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Laboratory	Collected

OBSERVATIONS / NOTES

~~PID~~ FID CAL. 100 PPM
Field Log Book No. PCA 25 #7
Drilling Area Background (PPM): 1.7

LAB INFO

LAB:
COC #:

Check if Collected:

☐ MS / MSD ☐ DUPLICATE / ID No.:

Signature(s): Shina A. Ballard
Alan L Pate

Tetra Tech NUS, Inc. **DPT SAMPLE LOG SHEET**

Project / Site: PCA 25 / JAX
Project No.: 112G00132
Soil Boring ID No.: JAX-PCA25-SB09
Sample Location: SB09

[ ] Temporary Monitoring Well
[X] Soil Boring
[ ] Other:

Sampler: SB/AP

GROUNDWATER SAMPLING DATA

Sample ID	Date	Time	Color	pH	S.C.	D.O.	Temp. (C)	Odor
JAX-PCA25-SB09-GW01	10/25/05	1524						
Total Depth: 6-10'		DTW:		Stickup:	NA	Screen Int:		

SOIL SAMPLE / DIRECT READ INSTRUMENT LOG DATA

Soil Boring ID:	SB09	Date:	10/25/05	Time Start:	
Location Desc.:	SOUTH OF FORMER TANK 1982 LOCATION			Time End:	
				Time Sample:	
				Amount Grout:	

PID / FID READINGS

Depth (Ft)	Sample ID	Initial	Filtered	Total	Remarks
01	JAX-PCA25-SB09-S01-102505	0	—	—	1448
SAMPLED 03	JAX-PCA25-SB09-S03-102505	0	—	—	1452
					WATER TABLE
					AT APPROX. 4½ FT

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Laboratory	Collected
VOAs 8260	DI WATER	3-40mL VIALS	KATAHDIN	✓
VOAs 8260	MEOH	1-40mL VIAL	KATAHDIN	✓
PAHs / TRPHs	NONE	8oz glass jar	"	✓

OBSERVATIONS / NOTES

~~PID~~ FID CAL. 100 PPM Field Log Book No. PCA25 #1

Drilling Area Background (PPM): 1.7

JAX-PCA25-SB09-S03 SAMPLED AND SENT TO FIXED-BASED LAB

LAB INFO

LAB: KATAHDIN

COC #: 3050

Check if Collected:

☐ MS / MSD ☐ DUPLICATE / ID No.:

Signature(s): Shira A. Ballard
Alan L. Pate

Tetra Tech NUS, Inc. **DPT SAMPLE LOG SHEET**

Project / Site: PCA25 / JAX
Project No.: 112G08132
Soil Boring ID No.: JAX-PCA25-SB10
Sample Location: SB10

[ ] Temporary Monitoring Well
[X] Soil Boring
[ ] Other:

Sampler: SB/AP

GROUNDWATER SAMPLING DATA

Sample ID	Date	Time	Color	pH	S.C.	D.O.	Temp. (C)	Odor
JAX-PCA25-SB10-GW6	10/25/05	1557						
Total Depth: 6-10'		DTW:		Stickup:	NA	Screen Int:		

SOIL SAMPLE / DIRECT READ INSTRUMENT LOG DATA

Soil Boring ID:	SB10	Date:	10/25/05	Time Start:	
Location Desc.:	EAST OF FORMER TANK 1982 LOCATION			Time End:	
				Time Sample:	
				Amount Grout:	

PID / FID READINGS

Depth (ft)	Sample ID	Initial	Filtered	Total	Remarks
01	JAX-PCA25-SB10-S01-102505	0	—	—	1512
03	JAX-PCA25-SB10-S03-102505	0	—	—	1516
					WATER TABLE
					AT APPROX. 4½ FT

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Laboratory	Collected

OBSERVATIONS / NOTES

~~PID~~ FID CAL. 100 PPM Field Log Book No. PCA 25 #1

Drilling Area Background (PPM): 1.7

LAB INFO

LAB:

COC #:

Check if Collected:

[ ] MS / MSD [ ] DUPLICATE / ID No.:

Signature(s): Shira A. Ballard
Alan L Pate

Tetra Tech NUS, Inc. **DPT SAMPLE LOG SHEET**

Project / Site: PCA25/JAX
Project No.: 112G00132
Soil Boring ID No.: JAX-PCA25-SB11
Sample Location: SB11

[ ] Temporary Monitoring Well
[X] Soil Boring
[ ] Other:

Sampler: SB/AP

GROUNDWATER SAMPLING DATA

Sample ID	Date	Time	Color	pH	S.C.	D.O.	Temp. (C)	Odor
JAX-PCA25-SB11-G06	10/26/05	1134						
Total Depth: 6'd	DTW:			Stickup:	NA	Screen Int:		

SOIL SAMPLE / DIRECT READ INSTRUMENT LOG DATA

Soil Boring ID: SB11 Date: 10/26/05
Location Desc.: NORTH OF FORMER TANK 1982 LOCATION
Time Start:
Time End:
Time Sample:
Amount Grout:

	Depth (Ft)	Sample ID	PID / FID READINGS Initial	Filtered	Total	Remarks
	01	JAX-PCA25-SB11-S01-102605	0	—	—	1118
SAMPLED	03	JAX-PCA25-SB11-S03-102605	0	—	—	1120
						WATER TABLE
						@ APPROX 4' BGS

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Laboratory	Collected
VOAs 8260	DI WATER	3-40ml VIALS	KATAHDIN	✓
VOAs 8260	MEOH	1-40ml VIALS	"	✓
PAHs/TRPHs	NONE	8 oz glass jar	"	✓

OBSERVATIONS / NOTES

~~PID~~ FID CAL. 100 PPM
Field Log Book No. PCA25 #1
Drilling Area Background (PPM): 1.7

JAX-PCA25-SB11-S03 COLLECTED & SENT TO FIXED-BASED LAB

LAB INFO

LAB: KATAHDIN
COC #: 3050

Check if Collected:

☐ MS / MSD ☐ DUPLICATE / ID No.:

Signature(s): Lisa A. Ballard
Alan Pate

Tetra Tech NUS, Inc. **DPT SAMPLE LOG SHEET**

Project / Site: PCA25/JAX
Project No.: 112G00132

Soil Boring ID No.: JAX-PCA25-SB12
Sample Location: SB12

[ ] Temporary Monitoring Well
[X] Soil Boring
[ ] Other:

Sampler: SB/AP

GROUNDWATER SAMPLING DATA

Sample ID	Date	Time	Color	pH	S.C.	D.O.	Temp. (C)	Odor
JAX-PCA25-SB12-G06	10/26/05	1104						
Total Depth: 6'10'		DTW:		Stickup:	NA	Screen Int:		

SOIL SAMPLE / DIRECT READ INSTRUMENT LOG DATA

Soil Boring ID:	SB12	Date:	10/26/05	Time Start:	
Location Desc.:	WEST OF FORMER TANK 1982 LOCATION			Time End:	
				Time Sample:	
				Amount Grout:	

PID / FID READINGS

Depth (FT)	Sample ID	Initial	Filtered	Total	Remarks
01	JAX-PCA25-SB12-S01-102605	0	—	—	1050
03	JAX-PCA25-SB12-S03-102605	0	—	—	1052
					WATER TABLE
					AT APPROX 4' BFT

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Laboratory	Collected

OBSERVATIONS / NOTES

~~PID~~ FID CAL. 100 PPM

Field Log Book No. PCA 25 #1

Drilling Area Background (PPM): 1.7

LAB INFO

LAB:

COC #:

Check if Collected:

☐ MS / MSD ☐ DUPLICATE / ID No.:

Signature(s): Shira A. Ballard
Alan L. Pate

Tetra Tech NUS, Inc. DPT SAMPLE LOG SHEET

Project / Site: PCA25 / JAX
Project No.: 112G03132
Soil Boring ID No.: JAX-PCA25-SB13
Sample Location: SB13

[ ] Temporary Monitoring Well
[X] Soil Boring
[ ] Other:

Sampler: SB/AP

GROUNDWATER SAMPLING DATA

Sample ID	Date	Time	Color	pH	S.C.	D.O.	Temp. (C)	Odor
JAX-PCA25-SB13-G06	10/26/05	1214						
Total Depth: 10'd		DTW:		Stickup:	NA	Screen Int:		

SOIL SAMPLE / DIRECT READ INSTRUMENT LOG DATA

Soil Boring ID: SB13
Date: 10/26/05
Time Start:
Time End:
Time Sample:
Amount Grout:

Location Desc.: NO. OF GRASSY AREA WHERE FORMER TANK P182 IS LOCATED ON ASPHALT AREA

Depth (ft)	Sample ID	PID / FID READINGS Initial	Filtered	Total	Remarks
01	JAX-PCA25-SB13-S01-102605	0	—	—	1145
03	JAX-PCA25-SB13-S03-102605	0	—	—	1149
					WATER TABLE
					AT APPROX 4½ft

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Laboratory	Collected

OBSERVATIONS / NOTES

~~PID~~ FID CAL. 100 PPM
Field Log Book No. PCA25 #1
Drilling Area Background (PPM): 1.7

LAB INFO

LAB:
COC #:

Check if Collected:
[ ] MS / MSD [ ] DUPLICATE / ID No.:

Signature(s): Shina A. Ballard
Alan L Pate

Tetra Tech NUS, Inc. **DPT SAMPLE LOG SHEET**

Project / Site: PCA25/JAX
Project No.: 112G00132
Soil Boring ID No.: JAX-PCA25-SB14
Sample Location: SB14

[ ] Temporary Monitoring Well
[X] Soil Boring
[ ] Other:

Sampler: SB/AP

GROUNDWATER SAMPLING DATA

Sample ID	Date	Time	Color	pH	S.C.	D.O.	Temp. (C)	Odor
JAX-PCA25-SB14-GW00	10/26/05	1315						
Total Depth: 6-10'		DTW:		Stickup:	NA	Screen Int:		

SOIL SAMPLE / DIRECT READ INSTRUMENT LOG DATA

Soil Boring ID:	SB14	Date:	10/26/05	Time Start:	
Location Desc.:	NORTH OF SB13 IN ASPHALT AREA (APPROX 75 FT NORTH)			Time End:	
				Time Sample:	
				Amount Grout:	

	Depth (ft)	Sample ID	PID / FID READINGS Initial	Filtered	Total	Remarks
	01	JAX-PCA25-SB14-S01-102605	214 /	4 /	210 /	1250
SAMPLED	03	JAX-PCA25-SB14-S03-102605	3326	55	3271	1300

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Laboratory	Collected
VOAs 8260	DI WATER	3-40mL VIALS	KATAHDIN	✓
VOAs 8260	MEOH	1-40mL VIAL	"	✓
DAHs/TPH	NONE	8-OZ glass jar	"	✓

OBSERVATIONS / NOTES

~~PID~~ FID CAL. 100 PPM

Field Log Book No. PCA25 #1

Drilling Area Background (PPM): 1.7

JAX-PCA25-SB14-S03 COLLECTED & SENT TO FIXED-BASED LAB

LAB INFO

LAB: KATAHDIN

COC #: 3050

Check if Collected:

☐ MS / MSD ☐ DUPLICATE / ID No.:

Signature(s): Shina A. Ballard, Alan Pate

Tetra Tech NUS, Inc. **DPT SAMPLE LOG SHEET**

Project / Site: PCA25/JAX
Project No.: 112G00132
Soil Boring ID No.: JAX-PCA25-SB15
Sample Location: SB15

[ ] Temporary Monitoring Well
[X] Soil Boring
[ ] Other:

Sampler: SB/AP

GROUNDWATER SAMPLING DATA

Sample ID	Date	Time	Color	pH	S.C.	D.O.	Temp. (C)	Odor
JAX-PCA25-SB15-GW	10/26/05	1341						
Total Depth: 6-10	DTW:			Stickup:	NA	Screen Int:		

SOIL SAMPLE / DIRECT READ INSTRUMENT LOG DATA

Soil Boring ID:	SB15	Date:	10/26/05	Time Start:	
Location Desc.:	WEST OF FORMER TANK 120 LOCATION			Time End:	
				Time Sample:	
				Amount Grout:	

PID / FID READINGS

Depth (ft)	Sample ID	Initial	Filtered	Total	Remarks
01	JAX-PCA25-SB15-S01-102605	0	—	—	1310
03	JAX-PCA25-SB15-S03-102605	0	—	—	1320

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Laboratory	Collected

OBSERVATIONS / NOTES

~~PID~~ FID CAL. 100 PPM Field Log Book No. PCA25 #1

Drilling Area Background (PPM): 1.7

LAB INFO

LAB:

COC #:

Check if Collected:

[ ] MS / MSD [ ] DUPLICATE / ID No.:

Signature(s): Shina A. Ballard
Alan L Pate

Tetra Tech NUS, Inc. **DPT SAMPLE LOG SHEET**

Project / Site: PCA25/JAX
Project No.: 112G00132
Soil Boring ID No.: JAX-PCA25-SB16
Sample Location: SB16

[ ] Temporary Monitoring Well
[X] Soil Boring
[ ] Other:

Sampler: SB/AP

GROUNDWATER SAMPLING DATA

Sample ID	Date	Time	Color	pH	S.C.	D.O.	Temp. (C)	Odor
JAX-PCA25-SB16-GW6	10/26/05	1408						
Total Depth: 6-10'		DTW:		Stickup:	NA	Screen int:		

SOIL SAMPLE / DIRECT READ INSTRUMENT LOG DATA

Soil Boring ID:	SB16	Date:	10/26/05	Time Start:	
Location Desc.:	NORTH OF FORMER TANK 120 LOCATION			Time End:	
				Time Sample:	
				Amount Grout:	

Depth (ft)	Sample ID	PID / FID READINGS Initial	Filtered	Total	Remarks
01	JAX-PCA25-SB16-S01-102605	0	—	—	1325
03	JAX-PCA25-SB16-S03-102605	0	—	—	1325

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Laboratory	Collected

OBSERVATIONS / NOTES

~~PID~~ FID CAL. 100 PPM Field Log Book No. PCA25 #1

Drilling Area Background (PPM): 1.7

LAB INFO

LAB:

COC #:

Check if Collected:

☐ MS / MSD ☐ DUPLICATE / ID No.:

Signature(s): Shina A. Ballard, Alan L. Pate

Tetra Tech NUS, Inc. **DPT SAMPLE LOG SHEET**

Project / Site: PCA25/JAX
Project No.: 112G00132

Soil Boring ID No.: JAX-PCA25-SB17
Sample Location: SB17

[ ] Temporary Monitoring Well
[X] Soil Boring
[ ] Other:

Sampler: SB/AP

GROUNDWATER SAMPLING DATA

Sample ID	Date	Time	Color	pH	S.C.	D.O.	Temp. (C)	Odor
JAX-PCA25-SB17-COC	10/26/05	1425						
Total Depth: 610'	DTW:			Stickup:	NA	Screen Int:		

SOIL SAMPLE / DIRECT READ INSTRUMENT LOG DATA

Soil Boring ID:	SB17	Date:	10/26/05	Time Start:	
Location Desc.:	EAST OF FORMER TANK 126 LOCATION			Time End:	
				Time Sample:	
				Amount Grout:	

Depth (ft)	Sample ID	PID / FID READINGS Initial	Filtered	Total	Remarks
01	JAX-PCA-SB17-S01-102605	0	—	—	1340
SAMPLED 03	JAX-PCA-SB17-S03-102605	16.4	32.2	132.2	1345

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Laboratory	Collected
VOAs 8260	DI WATER	3-40mL VIALS	KATAHDIN	✓
VOAs 8260	MEOH	1-40mL VIAL	"	✓
PAHs / TRPHs	NONE	8-oz glass jar	"	✓

OBSERVATIONS / NOTES

~~PID~~ FID CAL. 100 PPM Field Log Book No. PCA 25 #1

Drilling Area Background (PPM): 1.7

JAX-PCA-SB17-S03 COLLECTED & SENT TO FIXED-BASED LAB

LAB INFO

LAB: KATAHDIN

COC #: 3050

Check if Collected:

☐ MS / MSD ☐ DUPLICATE / ID No.:

Signature(s): Shiva A. Ballard, Alan L Pate

Tetra Tech NUS, Inc. **DPT SAMPLE LOG SHEET**

Project / Site: PCA25 / JAX
Project No.: 112G00132

Soil Boring ID No.: JAX-PCA25-SB18
Sample Location: SB18

[ ] Temporary Monitoring Well
[X] Soil Boring
[ ] Other:

Sampler: SB/AP

GROUNDWATER SAMPLING DATA

Sample ID	Date	Time	Color	pH	S.C.	D.O.	Temp. (C)	Odor
JAX-PCA25-SB18-GW	10/26/05	1500						
Total Depth: 60'0"		DTW:		Stickup:	NA	Screen Int:		

SOIL SAMPLE / DIRECT READ INSTRUMENT LOG DATA

Soil Boring ID:	SB18	Date:	10/26/05	Time Start:	
Location Desc.:	SOUTH OF FORMER TANK 120 LOCATION			Time End:	
				Time Sample:	
				Amount Grout:	

PID / FID READINGS

Depth (FT)	Sample ID	Initial	Filtered	Total	Remarks
01	JAX-PCA25-SB18-S01-102605	0	—	—	1355
03	JAX-PCA25-SB18-S03-102605	0	—	—	1400

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Laboratory	Collected

OBSERVATIONS / NOTES

~~PID~~ FID CAL. 100 PPM

Field Log Book No. PCA25 #1

Drilling Area Background (PPM): 1.7

LAB INFO

LAB:

COC #:

Check if Collected:

☐ MS / MSD ☐ DUPLICATE / ID No.:

Signature(s): Shira A. Ballard, Alan L. Pate

Tetra Tech NUS, Inc. DPT SAMPLE LOG SHEET

Project / Site: PCA25/JAX
Project No.: 112G00132

Soil Boring ID No.: JAX-PCA25-SB19
Sample Location: SB19

[ ] Temporary Monitoring Well
[X] Soil Boring
[ ] Other:

Sampler: SB/AD

GROUNDWATER SAMPLING DATA

Sample ID	Date	Time	Color	pH	S.C.	D.O.	Temp. (C)	Odor
JAX-PCA25-SB19-GW01	10/26/05	1535						
Total Depth: 6-10'		DTW:		Stickup:	NA	Screen Int:		

SOIL SAMPLE / DIRECT READ INSTRUMENT LOG DATA

Soil Boring ID:		Date:		Time Start:	
Location Desc.:	NW CORNER OF FORMER TANK 1982 LOCATION			Time End:	
				Time Sample:	
				Amount Grout:	

PID / FID READINGS

Depth	Sample ID	Initial	Filtered	Total	Remarks

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Laboratory	Collected

OBSERVATIONS / NOTES

PID CAL. _____ PPM Field Log Book No. _____

Drilling Area Background (PPM): _____

LAB INFO

LAB: _____

COC #: _____

Check if Collected:

☐ MS / MSD ☐ DUPLICATE / ID No.:

Signature(s): Shina A. Ballard
Alan L Pate

Tetra Tech NUS, Inc. DPT SAMPLE LOG SHEET

Project / Site: PCA25/JAX
Project No.: 112G00132
Soil Boring ID No.: JAX-PCA25-SB20
Sample Location: SB20

[ ] Temporary Monitoring Well
[X] Soil Boring
[ ] Other:

Sampler: SB/AP

GROUNDWATER SAMPLING DATA

Sample ID	Date	Time	Color	pH	S.C.	D.O.	Temp. (C)	Odor
JAX-PCA25-SB20-GW6	10/26/05	1600						
Total Depth: 6-10'		DTW:		Stickup:	NA	Screen Int:		

SOIL SAMPLE / DIRECT READ INSTRUMENT LOG DATA

Soil Boring ID:		Date:		Time Start:	
Location Desc.:	SW OF FORMER TANK 1982 LOCATION			Time End:	
				Time Sample:	
				Amount Grout:	

Depth	Sample ID	PID / FID READINGS Initial	Filtered	Total	Remarks

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Laboratory	Collected

OBSERVATIONS / NOTES

PID CAL. _____ PPM Field Log Book No. _____

Drilling Area Background (PPM): _____

LAB INFO

LAB: _____

COC #: _____

Check if Collected:

☐ MS / MSD ☐ DUPLICATE / ID No.:

Signature(s): Shira A. Ballard
Alan L Pate

Tetra Tech NUS, Inc. DPT SAMPLE LOG SHEET

Project / Site: PCA25/JAX
Project No.: 112G00132
Soil Boring ID No.: JAX-PCA25-SB21
Sample Location: SB21

[ ] Temporary Monitoring Well
[X] Soil Boring
[ ] Other:

Sampler: SB/AP

GROUNDWATER SAMPLING DATA

Sample ID	Date	Time	Color	pH	S.C.	D.O.	Temp. (C)	Odor
JAX-PCA25-SB21-GW	10/27/05	0940						
Total Depth: 9-10'		DTW:		Stickup:	NA	Screen Int:		

SOIL SAMPLE / DIRECT READ INSTRUMENT LOG DATA

Soil Boring ID:		Date:		Time Start:	
Location Desc.:	OFF OF FORMER TANK 1482 LOCATION			Time End:	
				Time Sample:	
				Amount Grout:	

Depth	Sample ID	PID / FID READINGS Initial	Filtered	Total	Remarks

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Laboratory	Collected

OBSERVATIONS / NOTES

PID CAL. _____ PPM Field Log Book No. _____

Drilling Area Background (PPM): _____

LAB INFO

LAB: _____

COC #: _____

Check if Collected:

☐ MS / MSD ☐ DUPLICATE / ID No.:

Signature(s): Shiro A. Ballard
Alan L. Pate

Tetra Tech NUS, Inc. DPT SAMPLE LOG SHEET

Project / Site: PCA25/JAX
Project No.: 112G00132

Soil Boring ID No.: JAX-PCA25-SB22
Sample Location: SB22

[ ] Temporary Monitoring Well
[X] Soil Boring
[ ] Other:

Sampler: SB/AP

GROUNDWATER SAMPLING DATA

Sample ID	Date	Time	Color	pH	S.C.	D.O.	Temp. (C)	Odor
JAX-PCA25-SB22-G06	10/27/05	0846						
Total Depth: 6-10'		DTW:		Stickup:	NA	Screen Int:		

SOIL SAMPLE / DIRECT READ INSTRUMENT LOG DATA

Soil Boring ID:		Date:		Time Start:	
Location Desc.:	NE OF FORMER TANK 1982 LOCATION			Time End:	
				Time Sample:	
				Amount Grout:	

PID / FID READINGS

Depth	Sample ID	Initial	Filtered	Total	Remarks

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Laboratory	Collected

OBSERVATIONS / NOTES

PID CAL. _____ PPM Field Log Book No. _____

Drilling Area Background (PPM): _____

LAB INFO

LAB: _____

COC #: _____

Check if Collected:

☐ MS / MSD ☐ DUPLICATE / ID No.:

Signature(s): Sheria A. Ballard, Allen L. Pate

Tetra Tech NUS, Inc. DPT SAMPLE LOG SHEET

Project / Site: PCA25/JAX
Project No.: 112G00132
Soil Boring ID No.: JAX-PCA25-SB23
Sample Location: SB23
Sampler: SB/AP

[ ] Temporary Monitoring Well
[X] Soil Boring
[ ] Other:

GROUNDWATER SAMPLING DATA

Sample ID	Date	Time	Color	pH	S.C.	D.O.	Temp. (C)	Odor
JAX-PCA25-SB23-GW01	11/07/05	1015						
Total Depth: 6-10'		DTW:		Stickup:	NA	Screen Int:		

SOIL SAMPLE / DIRECT READ INSTRUMENT LOG DATA

Soil Boring ID:		Date:		Time Start:	
Location Desc.:	APPROX. 50 FT SW OF SB01			Time End:	
				Time Sample:	
				Amount Grout:	

Depth	Sample ID	PID / FID READINGS Initial	Filtered	Total	Remarks

SAMPLE COLLECTION INFORMATION

Analysis	Preservative	Container Requirements	Laboratory	Collected

OBSERVATIONS / NOTES

PID CAL. _____ PPM Field Log Book No. _____

Drilling Area Background (PPM): _____

LAB INFO

LAB: _____

COC #: _____

Check If Collected:

☐ MS / MSD ☐ DUPLICATE / ID No.:

Signature(s): Shina A. Ballard
Alan L. Pate

Florida Department of Environmental Protection
GROUNDWATER SAMPLING LOG

SITE NAME: PCA 25	SITE LOCATION: NAS JAX	
WELL NO: MW01	SAMPLE ID: JAX-PCA25-MW01-120705	DATE: 12/7/05

PURGING DATA

WELL DIAMETER (in): 2"	TOTAL WELL DEPTH (ft): 12.65	STATIC DEPTH TO WATER (ft): 5.68	WELL CAPACITY (gal/ft): 1.19gal 4.2L

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) X WELL CAPACITY =

= (–) X =

PURGE METHOD: PERISTALTIC	PURGE INITIATED AT:	PURGE ENDED AT:	TOTAL VOL. PURGED (gal):

TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
1010	–	–	200	5.68	–						
1015	1.0	1.0	200	5.99	–						
1020	1.0	2.0	200	6.01	–						
1025	1.0	3.0	200	6.04	–						
1030	1.0	4.0	200	6.04	–						
1035	1.0	5.0	200	6.04	6.77	24.64	621	0.26	24	Clear	–
1040	1.0	6.0	200	6.04	6.77	24.61	622	0.30	15	Clear	–
1045	1.0	7.0	200	6.04	6.79	24.61	621	0.24	12	Clear	–

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: ALAN PATE TENUS	SAMPLER(S) SIGNATURE(S): Alan Pate	
SAMPLING METHOD(S): STRAW/GRAB	SAMPLING INITIATED AT: 1045	SAMPLING ENDED AT: 1100
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N)	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
2	CG	40mL	HCL			VOAs
2	CG	40mL	HCL			EDB
1	PE	125mL	HNO_3			LEAD
2	AG	1L	–			PAHs
2	AG	1L	HCL			TRPH

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; PE = POLYETHYLENE; O = OTHER (SPECIFY)

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

Florida Department of Environmental Protection
GROUNDWATER SAMPLING LOG

SITE NAME: PCA 25	SITE LOCATION: NAS JAX	
WELL NO: MW02	SAMPLE ID: JAX-PCA25-MW02-120705	DATE: 12/7/05

PURGING DATA

WELL DIAMETER (in): 2"	TOTAL WELL DEPTH (ft): 12.7	STATIC DEPTH TO WATER (ft): 4.81	WELL CAPACITY (gal/ft): 1.2 gal 4.7

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) X WELL CAPACITY =

= (–) X =

PURGE METHOD: PERISTALTIC	PURGE INITIATED AT: 0910	PURGE ENDED AT: 0945	TOTAL VOL. PURGED (gal): 7.0

TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
0910	–	–	200	4.81	–						
0915	1.0	1.0	200	5.01	–						
0920	1.0	2.0	200	5.06	–						
0925	1.0	3.0	200	5.07	–						
0930	1.0	4.0	200	5.07	–						
0935	1.0	5.0	200	5.07	6.51	23.64	AP ~~8~~1181	0.14	12	clear	–
0940	1.0	6.0	200	5.07	6.51	23.67	1180	0.12	10	clear	–
0945	1.0	7.0	200	5.07	6.51	23.68	1174	0.12	7.4	clear	–

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: ALAN PATE TENUS	SAMPLER(S) SIGNATURE(S): Alan Pate	
SAMPLING METHOD(S): STRAW / GRAB	SAMPLING INITIATED AT: 0945	SAMPLING ENDED AT: 1000
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N)	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
2	CG	40mL	HCL			VOAs
2	CG	40mL	HCL			EDB
1	PE	125mL	HNO3			LEAD
2	AG	1L	–			PAHs
2	AG	1L	HCL			TRPH

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; PE = POLYETHYLENE; O = OTHER (SPECIFY)

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

Florida Department of Environmental Protection
GROUNDWATER SAMPLING LOG

SITE NAME: PCA 25	SITE LOCATION: NAS JAX
WELL NO: MW03	SAMPLE ID: JAX-PCA25-MW03-120705 / DATE: 12/7/05

PURGING DATA

WELL DIAMETER (in): 2"	TOTAL WELL DEPTH (ft): 12.7	STATIC DEPTH TO WATER (ft): 5.11	WELL CAPACITY (gal/ft): 1.2941 4.5

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) X WELL CAPACITY =

= (–) X =

PURGE METHOD: PERISTALTIC	PURGE INITIATED AT: 1110	PURGE ENDED AT: 1140	TOTAL VOL. PURGED (gal): 9.0L

TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
1110	—	—	300	5.11	—						
1115	1.5	1.5	300	5.24	—						
1120	1.5	3.0	300	5.26	—						
1125	1.5	4.5	300	5.26	—						
1130	1.5	6.0	300	5.26	6.69	24.00	901	0.05	13	clear	—
1135	1.5	7.5	300	5.26	6.68	23.98	909	0.05	7.9	clear	—
1140	1.5	9.0	300	5.26	6.68	23.97	930	0.04	5.8	clear	—

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: ALAN PATE THUS	SAMPLER(S) SIGNATURE(S): Alan Pate

SAMPLING METHOD(S): STRAW/GRAB	SAMPLING INITIATED AT: 1140	SAMPLING ENDED AT: 1155

FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N)	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
2	CG	40mL	HCL			VOAs
2	CG	40mL	HCL			EDB
1	PE	125mL	HNO_3			LEAD
2	AG	1L	–			PAHs
2	AG	1L	HCL			TRPH

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; PE = POLYETHYLENE; O = OTHER (SPECIFY)

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

Florida Department of Environmental Protection
GROUNDWATER SAMPLING LOG

SITE NAME: PCA 25	SITE LOCATION: NAS JAX
WELL NO: MW04	SAMPLE ID: JAX-PCA 25-MW04-120705 / DATE: 12/7/05

PURGING DATA

WELL DIAMETER (in): 2"	TOTAL WELL DEPTH (ft): 22.6	STATIC DEPTH TO WATER (ft): 5.65	WELL CAPACITY (gal/ft):

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) X WELL CAPACITY =

= (–) X = PUMPING SYSTEM ~ 1.2 L

PURGE METHOD: PERISTALTIC	PURGE INITIATED AT: 1200	PURGE ENDED AT:	TOTAL VOL. PURGED (gal):

TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
1200	—	—	200	5.65	—						
1205	1.0	1.0	200	6.24	—						
1210	1.0	2.0	200	6.72	6.41	24.48	506	0.25	75	cloudy	
1215	1.0	3.0	200	6.85	6.39	24.65	504	0.20	70	cloudy	
1220	1.0	4.0	200	6.98	6.36	24.84	503	0.26	64	cloudy	
1225	1.0	5.0	200	7.07	6.35	24.86	494	0.12	45	cloudy	
1230	1.0	6.0	200	7.21	6.32	24.95	491	0.11	26	clearing	
1235	1.0	7.0	200	7.24	6.31	24.94	491	0.11	17	clear	
1240	1.0	8.0	200	7.27	6.31	24.93	490	0.10	15	clear	

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: ALAN PATE / TENUS	SAMPLER(S) SIGNATURE(S): Alan Pate
SAMPLING METHOD(S): GRAB / STRAW	SAMPLING INITIATED AT: / SAMPLING ENDED AT:

FIELD DECONTAMINATION: Y (N) FIELD-FILTERED: Y (N) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
2	CG	40mL	HCL			VOAs
2	CG	40mL	HCL			EDB
1	PE	125mL	HNO3			LEAD
2	AG	1L	—			PAHs
2	AG	1L	HCL			TRPH

REMARKS: WELL DID NOT DEVELOP WELL - WATER LEVEL STEADILY DROPPING

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; PE = POLYETHYLENE; O = OTHER (SPECIFY)

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

Florida Department of Environmental Protection
GROUNDWATER SAMPLING LOG

SITE NAME: PCA 25	SITE LOCATION: NAS JAX	
WELL NO: MW05	SAMPLE ID: JAX-PCA25-MW05-12/06/05	DATE: 12/6/05

PURGING DATA

WELL DIAMETER (in): 2"	TOTAL WELL DEPTH (ft): 12.71	STATIC DEPTH TO WATER (ft): 4.12	WELL CAPACITY (gal/ft): 1.3gal 5.2L

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) X WELL CAPACITY =

= (–) X =

PURGE METHOD: PERISTALTIC	PURGE INITIATED AT: 0845	PURGE ENDED AT: 0915	TOTAL VOL. PURGED (gal): 9.0L

TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
0845	—	—	300	4.12	—						
0850	1.5	1.5	300	4.22	—						
0855	1.5	3.0	300	4.22	—						
0900	1.5	4.5	300	4.22	—						
0905	1.5	6.0	300	4.22	7.35	23.18	348	0.43	11	Clear	—
0910	1.5	7.5	300	4.22	7.35	23.20	343	0.41	5.9	Clear	—
0915	1.5	9.0	300	4.22	7.36	23.20	341	0.40	3.7	Clear	—

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: ALAN PATE TENUS	SAMPLER(S) SIGNATURE(S): Alan Pate	
SAMPLING METHOD(S): STRAW / GRAB	SAMPLING INITIATED AT: 0915	SAMPLING ENDED AT: 0925
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N)	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
2	CG	2-40mL	HCL			VOAs
2	CG	2-40mL	HCL			EDB
1	PE	1-125mL	HNO_3			LEAD
2	AG	2-1L	–			PAHs
2	AG	2-1L	HCL			TRPH

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; PE = POLYETHYLENE; O = OTHER (SPECIFY)

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

Florida Department of Environmental Protection
GROUNDWATER SAMPLING LOG

SITE NAME: PCA 25	SITE LOCATION: NAS JAX	
WELL NO: MW07	SAMPLE ID: JAX-PCA25-MW07-120605	DATE: 12/6/05

PURGING DATA

WELL DIAMETER (in): 2"	TOTAL WELL DEPTH (ft): 10.45	STATIC DEPTH TO WATER (ft): 4.42	WELL CAPACITY (gal/ft): 0.997 3.6L

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) X WELL CAPACITY =

= (–) X =

PURGE METHOD: PERISTALTIC	PURGE INITIATED AT: 0935	PURGE ENDED AT: 1005	TOTAL VOL. PURGED (gal): 6.0L

TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
0935	–	–	200	4.42	–						
0940	1.0	1.0	200	4.69	–						
0945	1.0	2.0	200	4.74	–						
0950	1.0	3.0	200	4.75	–				39	clear	–
0955	1.0	4.0	200	4.75	7.03	24.50	502	0.21	25	clear	–
1000	1.0	5.0	200	4.75	7.04	24.51	500	0.15	16	clear	–
1005	1.0	6.0	200	4.75	7.03	24.54	500	0.11	12	clear	–

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: ALAN PATE TENUS	SAMPLER(S) SIGNATURE(S): Alan Pate	
SAMPLING METHOD(S): STRAW / GRAB	SAMPLING INITIATED AT: 1005	SAMPLING ENDED AT:
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N)	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
2	CG	40mL	HCL			VOAs
2	GC	40mL	HCL			EDB
1	PE	125mL	HNO3			LEAD
2	AG	1L	–			PAHS
2	AG	1L	HCL			TRPH

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; PE = POLYETHYLENE; O = OTHER (SPECIFY)

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

Florida Department of Environmental Protection
GROUNDWATER SAMPLING LOG

SITE NAME: PCA 25	SITE LOCATION: NAS JAX	
WELL NO: MW09	SAMPLE ID: JAX-PCA25-MW09-120705	DATE: 12/7/05

PURGING DATA

WELL DIAMETER (in): 2"	TOTAL WELL DEPTH (ft): 11.0	STATIC DEPTH TO WATER (ft): 4.28	WELL CAPACITY (gal/ft): 1.0 gal 3.8L

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) X WELL CAPACITY =

= (–) X =

PURGE METHOD: PERISTALTIC	PURGE INITIATED AT: 0820	PURGE ENDED AT: 0845	TOTAL VOL. PURGED (gal): 7.5 L

TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
0820	–	–	300	4.28	–						
0825	1.5	1.5	300	4.47	–						
0830	1.5	3.0	300	4.49	–						
0835	1.5	4.5	300	4.49	6.40	24.85	375	0.21	9.7	clear	–
0840	1.5	6.0	300	4.49	6.39	24.86	371	0.17	6.1	clear	–
0845	1.5	7.5	300	4.49	6.40	24.86	362	0.13	4.2	clear	–

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: ALAN PATE TENUS	SAMPLER(S) SIGNATURE(S): Alan Pate	
SAMPLING METHOD(S): STRAW / GRAB	SAMPLING INITIATED AT: 0845	SAMPLING ENDED AT: 0900
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N)	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
2	CG	40mL	HCL			VOAs
2	CG	40mL	HCL			EDB
1	PE	125mL	HNO_3			LEAD
2	AG	1L	–			PAHs
2	AG	1L	HCL			TRPH

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; PE = POLYETHYLENE; O = OTHER (SPECIFY)

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

Florida Department of Environmental Protection
GROUNDWATER SAMPLING LOG

SITE NAME: PCA 25	SITE LOCATION: NAS JAX	
WELL NO: MW11	SAMPLE ID: JAX-PCA25-MW11-120605	DATE: 12/6/05

PURGING DATA

WELL DIAMETER (in): 2"	TOTAL WELL DEPTH (ft): 10.45	STATIC DEPTH TO WATER (ft): 4.91	WELL CAPACITY (gal/ft): 0.89 gal 3.4L

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) X WELL CAPACITY =

= (–) X =

PURGE METHOD: PERISTALTIC	PURGE INITIATED AT: 1035	PURGE ENDED AT: 1100	TOTAL VOL. PURGED (gal): 7.5L

TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
1035	—	—	300	4.91	–						
1040	1.5	1.5	300	5.13	–						
1045	1.5	3.0	300	5.14	–						
1050	1.5	4.5	300	5.14	6.53	24.35	651	0.16	7.8	clear	–
1055	1.5	6.0	300	5.14	6.55	24.38	702	0.09	4.6	clear	–
1100	1.5	7.5	300	5.14	6.55	24.40	743	0.10	3.1	clear	–

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: ALAN PATE TENUS	SAMPLER(S) SIGNATURE(S): Alan Pate

SAMPLING METHOD(S): STRAW / GRAB	SAMPLING INITIATED AT: 1100	SAMPLING ENDED AT: 1110
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N)	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
2	CG	40 mL	HCL			VOAs
2	CG	40 mL	HCL			EDB
1	PE	125 mL	HNO_3			LEAD
2	AG	1L	–			PAHs
2	AG	1L	HCL			TRPH

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; PE = POLYETHYLENE; O = OTHER (SPECIFY)

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

Florida Department of Environmental Protection
GROUNDWATER SAMPLING LOG

SITE NAME: PCA 25	SITE LOCATION: NAS JAX	
WELL NO: MW 12	SAMPLE ID: JAX-PCA25-MW12-120605	DATE: 12/6/05

PURGING DATA

WELL DIAMETER (in): 2"	TOTAL WELL DEPTH (ft): 11.4	STATIC DEPTH TO WATER (ft): 4.38	WELL CAPACITY (gal/ft): 1.1991 4.2L

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) X WELL CAPACITY =

= (–) X =

PURGE METHOD: PERISTALTIC	PURGE INITIATED AT: 1125	PURGE ENDED AT: 1155	TOTAL VOL. PURGED (~~gal~~): 9.0L

TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
1125	–	–	300	4.38	–						
1130	1.5	1.5	300	4.55	–						
1135	1.5	3.0	300	4.58	–						
1140	1.5	4.5	300	4.58	6.63AP						
1145	1.5	6.0	300	4.58	6.79	24.84	412	0.12	8.0	clear	–
1150	1.5	7.5	300	4.58	6.60	24.83	412	0.10	6.3	clear	–
1155	1.5	9.0	300	4.58	6.59	24.85	415	0.09	2.4	clear	–

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: ALAN PATE TENUS	SAMPLER(S) SIGNATURE(S): Alan Pate	
SAMPLING METHOD(S): STRAW/GRAB	SAMPLING INITIATED AT: 1155	SAMPLING ENDED AT: 1205
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N)	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
2	CG	40 mL	HCL			VOAs
2	CG	40 mL	HCL			EDB
1	PE	125 mL	HNO_3			LEAD
2	AG	1L	–			PAHs
2	AG	1L	HCL			TRPH

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; PE = POLYETHYLENE; O = OTHER (SPECIFY)

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

Florida Department of Environmental Protection
GROUNDWATER SAMPLING LOG

SITE NAME: PCA 25	SITE LOCATION: NAS JAX	
WELL NO: MW13	SAMPLE ID: JAX-PCA25-MW13-120605	DATE: 12/6/05

PURGING DATA

WELL DIAMETER (in): 2"	TOTAL WELL DEPTH (ft): 12.3	STATIC DEPTH TO WATER (ft): 4.35	WELL CAPACITY (gal/ft): 1.2gal 4.8 L

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) X WELL CAPACITY =

= (–) X =

PURGE METHOD:	PURGE INITIATED AT: 1215	PURGE ENDED AT: 1245	TOTAL VOL. PURGED (~~gal~~): 9.0 L

TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
1215	–	–	300	4.35	–						
1220	1.5	1.5	300	4.51	–						
1225	1.5	3.0	300	4.59	–						
1230	1.5	4.5	300	4.59	–						
1235	1.5	6.0	300	4.59	6.65	25.30	748	0.09	10	Clear	–
1240	1.5	7.5	300	4.59	6.65	25.28	749	0.07	6.2	clear	–
1245	1.5	9.0	300	4.59	6.65	25.29	749	0.07	3.3	clear	–

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: ALAN PATE TENUS	SAMPLER(S) SIGNATURE(S): Alan Pate	
SAMPLING METHOD(S): STRAW / GRAB	SAMPLING INITIATED AT: 1245	SAMPLING ENDED AT: 1300
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N)	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
2	CG	40mL	HCL			VOAs
2	CG	40mL	HCL			EDB
1	PE	125mL	HNO3			LEAD
2	AG	1L	–			PAHs
2	AG	1L	HCL			TRPH

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; PE = POLYETHYLENE; O = OTHER (SPECIFY)

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

Florida Department of Environmental Protection
GROUNDWATER SAMPLING LOG

SITE NAME: PCA 25	SITE LOCATION: NAS JAX	
WELL NO: MW 14	SAMPLE ID: JAX-PCA25-MW14-042506	DATE: 4/25/06

PURGING DATA

WELL DIAMETER (in): 2"	TOTAL WELL DEPTH (ft): 12.4	STATIC DEPTH TO WATER (ft): 4.85	WELL CAPACITY (gal/ft):

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) X WELL CAPACITY =

= (–) X = 1.2gal = 4.5L

PURGE METHOD: PERISTALTIC	PURGE INITIATED AT: 0850	PURGE ENDED AT: 0925	TOTAL VOL. PURGED (gal): 7.0L

TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
0850	–	–	–	4.85	–						
0855	1.0	1.0	200	5.11	–						
0900	1.0	2.0	200	5.14	–						
0905	1.0	3.0	200	5.14	–						
0910	1.0	4.0	200	5.14	–						
0915	1.0	5.0	200	5.14	6.52	22.77	0.816	0.26	14	Clear	–
0920	1.0	6.0	200	5.14	6.52	22.76	0.819	0.24	9.2	"	–
0925	1.0	7.0	200	5.14	6.52	22.76	0.822	0.22	6.3	"	–

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: ALAN PATE / TENUS	SAMPLER(S) SIGNATURE(S): Alan Pate	
SAMPLING METHOD(S): STRAW / GRAB / P&T	SAMPLING INITIATED AT: 0925	SAMPLING ENDED AT: 0937
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N)	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
						GAG / KAG ✓

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; PE = POLYETHYLENE; O = OTHER (SPECIFY)

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

Florida Department of Environmental Protection
GROUNDWATER SAMPLING LOG

SITE NAME: PCA 25	SITE LOCATION: NAS JAX	
WELL NO: MW 15	SAMPLE ID: JAX-PCA25-MW15-042506	DATE: 4/25/06

PURGING DATA

WELL DIAMETER (in): 2"	TOTAL WELL DEPTH (ft): 10.0	STATIC DEPTH TO WATER (ft): 4.81	WELL CAPACITY (gal/ft):

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) X WELL CAPACITY =

= (–) X = 3.1 L

PURGE METHOD: PERISTALTIC	PURGE INITIATED AT: 0945	PURGE ENDED AT: 1015	TOTAL VOL. PURGED (gal): 6.0 L

TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
0945	—	—	200	4.81	—						
0950	1.0	1.0	200	5.20	—						
0955	1.0	2.0	200	5.25	—						
1000	1.0	3.0	200	5.25	—						
1005	1.0	4.0	200	5.25	6.23	22.80	0.302	0.23	15	Clear	—
1010	1.0	5.0	200	5.25	6.23	22.78	0.299	0.18	4.9	"	—
1015	1.0	6.0	200	5.25		22.78	0.296	0.18	2.6	"	—

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: ALAN PATE / TENUS	SAMPLER(S) SIGNATURE(S): Alan Pate

SAMPLING METHOD(S): STRAW / GRAB / P&T	SAMPLING INITIATED AT: 1015	SAMPLING ENDED AT: 1030
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N)	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
						GAG/KAG ✓

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; PE = POLYETHYLENE; O = OTHER (SPECIFY)

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

Tetra Tech NUS, Inc.

GROUNDWATER LEVEL MEASUREMENT SHEET

Project Name: NAS JAX
Project No.: 112G00132
Location: PCA 25
Personnel: KW
Weather Conditions: cloudy, windy 50°
Measuring Device: H2O Level
Tidally Influenced: Yes ✓ No ___
Remarks:

Well or Piezometer Number	Date	Time	Elevation of Reference Point (feet)*	Total Well Depth (feet)*	Water Level Indicator Reading (feet)*	Thickness of Free Product (feet)*	Groundwater Elevation (feet)*	Comments
MW11	1/23/07	1026		10.42	5.01			
MW02	"	1031		12.62	4.88			
MW01		1033		12.65	5.76			
MW09		1036		10.90	6.44			HC odor
MW12		1039		11.37	6.51			
MW03		1042		12.66	5.19			
MW04		1044		22.77	5.73			
MW07		1050		10.25	4.59			
MW05		1053		12.65	4.14			
MW15		1058		10.00	4.51			
MW14		1101		12.14	4.48			
MW13		1103		12.25	4.46			

* All measurements to the nearest 0.01 foot

Tetra Tech NUS, Inc.

GROUNDWATER LEVEL MEASUREMENT SHEET

Project Name: NAS Jacksonville
Project No.:
Location: PCA 25
Personnel: J. Foster M. Yarbrough
Weather Conditions:
Measuring Device:
Tidally Influenced: Yes X No ___
Remarks: High Tide

Well or Piezometer Number	Date	Time	Elevation of Reference Point (feet)*	Total Well Depth (feet)*	Water Level Indicator Reading (feet)*	Thickness of Free Product (feet)*	Groundwater Elevation (feet)*	Comments
MW01	7/5/07	1520			5.22			
MW02		1520			4.52			
MW03		1521			4.88			
MW04		1521			5.43			
MW05		1521			3.74			
MW07		1523			4.13			
MW09		1524			3.91			
MW11		1524			4.68			
MW12		1526			4.22			
MW13		1526			4.26			
MW14								
MW15								

* All measurements to the nearest 0.01 foot

Tetra Tech NUS, Inc.

GROUNDWATER LEVEL MEASUREMENT SHEET

Project Name: NAS Jacksonville
Project No.:
Location: PCA 25
Personnel: J. Foster, M. Yarbrough
Weather Conditions:
Measuring Device:
Tidally Influenced: Yes X No ___
Remarks: Low Tide

Well or Piezometer Number	Date	Time	Elevation of Reference Point (feet)*	Total Well Depth (feet)*	Water Level Indicator Reading (feet)*	Thickness of Free Product (feet)*	Groundwater Elevation (feet)*	Comments
MW01	7/6/07	1220			5.53			
MW02		1220			4.56			
MW03		1221			4.90			
MW04		1221			SF ~~4.90~~ 5.34			
MW05		1221			3.56			
MW07		1223			4.17			
MW09		1223			4.25			
MW11		1224			4.68			
MW12		1224			4.24			
MW13		1225			4.27			
MW14		1225			4.41			
MW15		1225			4.18			

* All measurements to the nearest 0.01 foot

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville	
WELL NO: MW-13	SAMPLE ID: JAX25-MW13-2007	DATE: 7-5-07

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2.30 ft to 12.3 ft	STATIC DEPTH TO WATER (feet): 4.25	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)

12.3 Liters 4.25 x .16 = 1.28 gl / 4.83 L

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

1' Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5.5	PURGING INITIATED AT: 1114	PURGING ENDED AT: 1155	TOTAL VOLUME PURGED (Liters): 5.65

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1149	4.83	4.83	138	4.58	6.40	29.08	.645	.51	3.2	-67.4	yellowish
1152	.41	5.24	↓	4.58	6.40	29.08	.645	.26	2.8	-73.3	↓
1155	.41	5.65	↓	4.58	6.41	29.08	.644	.28	2.8	-75.1	↓

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ Mark Y	SAMPLER(S) SIGNATURES: Mark Y	SAMPLING INITIATED AT: 1156	SAMPLING ENDED AT: 1220
PUMP OR TUBING DEPTH IN WELL (feet): 5.5	SAMPLE PUMP FLOW RATE (mL per minute): 138	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) Filtration Equipment Type: ____	FILTER SIZE: ____ µm	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	2	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	1	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	1	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville
WELL NO: MW-04	SAMPLE ID: JAX25-MW04-2007 05 / DATE: 7 · 5 · 07

PURGING DATA

WELL DIAMETER (Inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 12.6 ft to 22.6 ft	STATIC DEPTH TO WATER (feet): 5.32	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)

22.6 Liters 5.32 x .16 = 2.76 gl

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

N/A Liters .0014 x 23 = .03 + 14. = 1.03 x 2 = 2.0

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 15	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 15	PURGING INITIATED AT: 1225	PURGING ENDED AT: 1257	TOTAL VOLUME PURGED (Liters): 3.23

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1245	2.03	2.03	103	7.01	6.03	25.62	.382	.74	2.8	-57.0	yellowish
1248	.30	2.33	↓	7.02	6.03	25.63	.382	.68	2.4	-60.8	↓
1251	.30	2.63		7.01	6.03	25.62	.382	.63	2.3	-65.6	
1254	.30	2.93		7.01	6.03	25.63	.381	.52	2.6	-68.1	
1257	.30	3.23		7.01	6.03	25.63	.381	.53	2.3	-69.5	

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ Mark	SAMPLER(S) SIGNATURES: Mark	SAMPLING INITIATED AT: 1300	SAMPLING ENDED AT: 1330
PUMP OR TUBING DEPTH IN WELL (feet): 15	SAMPLE PUMP FLOW RATE (mL per minute): 103	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) Filtration Equipment Type: ____ FILTER SIZE: ____ µm	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	2	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	1	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	1	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville
WELL NO: MW-03	SAMPLE ID: JAX25-MW03-20070 5	DATE: 7-5-07

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2.7 ft to 12.7 ft	STATIC DEPTH TO WATER (feet): 4.89	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
12.7 Liters 4.89 x .16 = 1.24 gl / 4.68 Lt

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____ Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 6.10	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6.10	PURGING INITIATED AT: 1335	PURGING ENDED AT: 1406	TOTAL VOLUME PURGED (Liters): 5.80

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1400	4.68	4.68	187	6.01	6.28	27.43	1.306	.06	112.6	-340.6	Blackish/Clear
1403	.56	5.24	187	6.01	6.28	27.43	1.306	.06	112.8	-347.3	↓
1406	.56	5.80	187	6.01	6.28	27.43	1.308	.06	112.9	-356.1	↓

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ Mark Y	SAMPLER(S) SIGNATURES: Mark Y	SAMPLING INITIATED AT: 1407	SAMPLING ENDED AT: 1425
PUMP OR TUBING DEPTH IN WELL (feet): 6.10	SAMPLE PUMP FLOW RATE (mL per minute): 187	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: _____	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	2	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	1	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	1	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville
WELL NO: MW-12	SAMPLE ID: JAX25-MW12-2007 05
DATE: 7.5.07	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 1.4 ft to 11.4 ft	STATIC DEPTH TO WATER (feet): 4.20	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)

11.4 Liters 4.20 x .16 = 1.15 gl / 4.38 Lt

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

_____ Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5.5	PURGING INITIATED AT: 1430	PURGING ENDED AT: 1456	TOTAL VOLUME PURGED (Liters): 5.68

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1450	4.38	4.38	219	4.50	6.57	30.14	.381	.50	2.6	-202.3	yellowish
1453	.65	5.03	219	4.50	6.57	30.14	.381	.50	2.4	-203.1	↓
1456	.65	5.68	219	4.50	6.57	30.14	.381	.49	2.5	-204.5	↓

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ Mark Y	SAMPLER(S) SIGNATURES: Mark Y	SAMPLING INITIATED AT: 1457	SAMPLING ENDED AT: 1520
PUMP OR TUBING DEPTH IN WELL (feet): 5.5	SAMPLE PUMP FLOW RATE (mL per minute): 219	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N FILTER SIZE: ____ µm Filtration Equipment Type: _____	DUPLICATE: Y N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	2	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	1	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	1	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville	
WELL NO: MW-11	SAMPLE ID: JAX25-MW11-2007 0705	DATE: 7-5-07

PURGING DATA

WELL DIAMETER (Inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 0.45 ft to 10.45 ft	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
3.50 Liters (10.45 - 4.67) x 0.16 x 3.79

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____ Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5.45	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5.45	PURGING INITIATED AT: 1437	PURGING ENDED AT: 1504	TOTAL VOLUME PURGED (Liters): 8.1

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1437	—	—	300	4.67	—	—	—	—	—	—	—
1449	3.6	3.6	300	4.87	6.49	28.40	940	0.14	2.4	-221.3	clear
1454	1.5	5.1	300	4.87	6.49	28.39	900	0.13	2.1	-224.3	clear
1459	1.5	6.6	300	4.87	6.49	28.38	879	0.12	1.5	-236.7	clear
1504	1.5	8.1	300	4.87	6.48	28.33	870	0.10	1.3	-243.5	clear
* SAMPLE TIME		1509									

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ Jon Foster	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1509	SAMPLING ENDED AT: 1523
PUMP OR TUBING DEPTH IN WELL (feet): 5.45	SAMPLE PUMP FLOW RATE (mL per minute): 100	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N) Filtration Equipment Type: _____ FILTER SIZE: ____ µm	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	2	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	1	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	1	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville
WELL NO: MW-07	SAMPLE ID: JAX25-MW07-2007~~0~~705 — DATE: 7/5/07

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 0.45 ft to 10.45 ft	STATIC DEPTH TO WATER (feet): 4.15	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
3.82 Liters (10.45 - 4.15) x 0.16 x 3.79

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____ Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5.45	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5.45	PURGING INITIATED AT: 1124	PURGING ENDED AT: 1145	TOTAL VOLUME PURGED (Liters): 6.3

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1124	\	\	300	4.15	\	\	\	\	\	\	\
1137	3.9	3.9	300	4.23	6.81	28.17	0.426	0.54	6.6	-90.2	clear
1140	* 0.9	4.8	300	4.37	6.81	28.15	0.426	0.48	7.1	-87.8	clear
1145	1.5	6.3	300	4.37	6.81	28.19	0.421	0.37	6.0	-86.2	clear
* SAMPLE TIME: 1150											

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ Jon Foster	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1150	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet): 5.45	SAMPLE PUMP FLOW RATE (mL per minute): 100	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: _____	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	2	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	1	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	1	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville	
WELL NO: MW-01	SAMPLE ID: JAX25-MW01-2007 0705	DATE: 7/5/07

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2.65 ft to 12.65 ft	STATIC DEPTH TO WATER (feet): 5.55	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
4.30 Liters (12.65-5.55)0.16X3.79

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____ Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7.65	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7.65	PURGING INITIATED AT: 1224	PURGING ENDED AT: 1254	TOTAL VOLUME PURGED (Liters): 9.0

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1224	\	\	300	5.55	\	\	\	\	\	\	\
1239	4.5	4.5	300	5.68	6.55	28.13	1.024	0.36	14	-109.4	clear
1244	1.5	6.0	300	5.72	6.63	28.36	0.916	0.23	12	-110.0	clear
1249	1.5	7.5	300	5.72	6.64	28.42	0.924	0.20	7.4	-109.7	clear
1254	1.5	9.0	300	5.72	6.64	28.44	0.914	0.18	6.7	-109.4	clear
*SAMPLE TIME: 1259											

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ Jon Foster	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1259	SAMPLING ENDED AT: 1315
PUMP OR TUBING DEPTH IN WELL (feet): 7.65	SAMPLE PUMP FLOW RATE (mL per minute): 100	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: _____	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	2	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	1	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	1	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville	
WELL NO: MW-02	SAMPLE ID: JAX25-MW02-2007 0705	DATE: 7-5-07

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2.70 ft to 12.7 ft	STATIC DEPTH TO WATER (feet): 4.55	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
4.94 Liters (12.7-4.55) x 0.16 x 3.79

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____ Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7.70	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7.70	PURGING INITIATED AT: 1340	PURGING ENDED AT: 1407	TOTAL VOLUME PURGED (Liters): 8.1

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1340	\	\	300	4.55	\	\	\	\	\	\	\
1357	5.1	5.1	300	4.72	6.53	27.01	997	0.21	6.8	-207.2	clear
1402	1.5	6.6	300	4.75	6.54	27.02	982	0.14	6.1	-213.3	clear
1407	1.5	8.1	300	4.75	6.55	27.08	975	0.10	4.2	-217.8	clear
* SAMPLE TIME 1412											

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ Jon Foster	SAMPLER(S) SIGNATURES: [signature]	SAMPLING INITIATED AT: 1412	SAMPLING ENDED AT: 1427
PUMP OR TUBING DEPTH IN WELL (feet): 7.70	SAMPLE PUMP FLOW RATE (mL per minute): 100	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: _____	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	2	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	1	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	1	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; T = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville	
WELL NO: MW-14	SAMPLE ID: JAX25-MW14-2007 0706	DATE: 7/6/07

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2.4 ft to 12.4 ft	STATIC DEPTH TO WATER (feet): 4.40	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
4.85 Liters (12.4 - 4.40) x 0.16 x 3.77

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____ Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7.4	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7.4	PURGING INITIATED AT: 0948	PURGING ENDED AT: 1015	TOTAL VOLUME PURGED (Liters): 8.1

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
0948	\	\	300	4.40	\	\	\	\	\	\	\
1005	5.1	5.1	300	4.65	6.65	27.08	711	0.74	3.4	-92.8	clear
1010	1.5	6.6	300	4.65	6.66	27.09	707	0.67	3.5	-97.6	clear
1015	1.5	8.1	300	4.65	6.66	27.10	704	0.63	2.8	-92.9	clear
* SAMPLE TIME 1020											

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ Jon Foster	SAMPLER(S) SIGNATURES: [signature]	SAMPLING INITIATED AT: 1020	SAMPLING ENDED AT: 1100
PUMP OR TUBING DEPTH IN WELL (feet): 7.4	SAMPLE PUMP FLOW RATE (mL per minute): 100	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: _____	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	2	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	1	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	1	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:
* MS/MSD collected

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

JAX 25 - Dup - 20070706

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville	
WELL NO: MW-09	SAMPLE ID: JAX25-MW09-20070706	DATE: 7.6.07

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 1.0 ft to 11.0 ft	STATIC DEPTH TO WATER (feet): 4.14	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)

11.0 Liters 4.14 x .16 = 1.09 gAL / 4.12 L

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

_____ Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5.5	PURGING INITIATED AT: 0955	PURGING ENDED AT: 1041	TOTAL VOLUME PURGED (Liters): 4.72

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1035	4.12	4.12	103	4.42	5.97	28.74	.381	1.97	2.0	-101.2	Yellowish
1038	.30	4.42	103	4.42	5.97	28.74	.381	1.96	2.0	-107.3	↓
1041	.30	4.72	103	4.42	5.97	28.74	.381	1.96	1.9	-108.6	↓

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ Mark	SAMPLER(S) SIGNATURES: Mark	SAMPLING INITIATED AT: 1042	SAMPLING ENDED AT: 1113
PUMP OR TUBING DEPTH IN WELL (feet): 5.5	SAMPLE PUMP FLOW RATE (mL per minute): 103	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: _____	DUPLICATE: (Y) N	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	2	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	1	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	1	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:

MW09 is the Dup

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; T = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville
WELL NO: **MW-15**	SAMPLE ID: JAX25-MW15-2007 0706 — DATE: 7/6/07

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (Inches): 3/16	WELL SCREEN INTERVAL DEPTH: 0.00 ft to 10.00 ft	STATIC DEPTH TO WATER (feet): 4.20	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
3.52 Liters (10.00 - 4.20) x 0.16 x 3.79

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____ Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5.0	PURGING INITIATED AT: 1122	PURGING ENDED AT: 1144	TOTAL VOLUME PURGED (Liters): 6.6

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1122	\	\	300	4.20	\	\	\	\	\	\	\
1134	3.6	3.6	300	4.34	6.24	27.88	340	0.49	5.1	-41.5	clear
1139	1.5	5.1	300	4.41	6.23	27.91	331	0.30	4.1	-40.0	clear
1144	1.5	6.6	300	4.41	6.21	27.99	328	0.20	3.7	-36.0	clear
* SAMPLE TIME 1149											

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ Jon Foster	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1149	SAMPLING ENDED AT: 1205
PUMP OR TUBING DEPTH IN WELL (feet): 5.0	SAMPLE PUMP FLOW RATE (mL per minute): 100	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: _____	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	2	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	1	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	1	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville	
WELL NO: MW-05	SAMPLE ID: JAX25-MW05-2007 07 06	DATE: 7.6.07

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2.71 ft to 12.71 ft	STATIC DEPTH TO WATER (feet): 3.65	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)

12.71 Liters 3.65 x .16 = 1.44gl / 5.44

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

_____ Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5	PURGING INITIATED AT: 1117	PURGING ENDED AT: 1153	TOTAL VOLUME PURGED (Liters):

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1147	5.44	5.44	181	3.68	6.91	26.88	.333	1.06	1.9	-79.8	yellowish
1150	.54	5.98	181	3.68	6.91	26.88	.333	1.06	1.9	-80.8	↓
1153	.54	6.52	181	3.68	6.92	26.88	.333	1.05	1.9	-81.6	

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ Mark 4	SAMPLER(S) SIGNATURES: [signature]	SAMPLING INITIATED AT: 1154	SAMPLING ENDED AT: 1220
PUMP OR TUBING DEPTH IN WELL (feet): 5	SAMPLE PUMP FLOW RATE (mL per minute): 181	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: _____	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	2	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	1	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	1	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: OU 1 Landfill	SITE LOCATION: NAS Jacksonville	
WELL NO: MW105S	SAMPLE ID: JAX-OU1-MW105S-2007	DATE: 7/5/07

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 0.50 ft to 10.50 ft	STATIC DEPTH TO WATER (feet): 4.88	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
3.40 ~~10.50~~ SF Liters 4.88 x .16 = 3.40 L

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____ Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 6.0	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6.0	PURGING INITIATED AT: 0850	PURGING ENDED AT: 0913	TOTAL VOLUME PURGED (Liters): 4.60

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
0850 ~~1052~~ SF	\	\	200	4.88	\	\	\	\	\	\	\
0907	3.40	3.40	200	5.18	6.71	24.57	1.498	.27	4.2	-86.7	Yellowish
0910	.60	4.00	200	5.18	6.71	24.57	1.499	.24	3.8	-80.2	
0913	.60	4.60	200	5.18	6.71	24.57	1.499	.22	3.8	-72.6	

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ Jon / Mark	SAMPLER(S) SIGNATURES: [illegible]	SAMPLING INITIATED AT: 0914	SAMPLING ENDED AT: 0935
PUMP OR TUBING DEPTH IN WELL (feet): 6.0	SAMPLE PUMP FLOW RATE (mL per minute): 100	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: _____	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	3	CG	40 ml	HCl	None	<2	Benzene	SM
2	1	PE	250 ml	HNO3	None	<2	Arsenic	APP

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS, Inc.

EQUIPMENT CALIBRATION LOG

PROJECT NAME : PCA 25 JAX

SITE NAME: NAS JAX PCA 25

PROJECT No.:

INSTRUMENT NAME/MODEL: YSI 556 MPS

MANUFACTURER: YSI

SERIAL NUMBER: 04J15531

Date of Calibration	Instrument I.D. Number	Person Performing Calibration	Instrument Settings		Instrument Readings		Calibration Standard (Lot No.)	Remarks and Comments
			Pre-calibration	Post-calibration	Pre-calibration	Post-calibration		
7/5/07	4492	J. Foster	pH	4.00	3.88	4.00	2612591	Exp. 12-2008
			pH	7.00	7.09	7.00	2611631	Exp. 11-2008
			Conductivity	1.413	1.638	1.413	2612451	Exp. 12-2007
			ORP	240	252.8	240	G1748	Exp. 01-2012
			D.O.	100%	110.8	100	NA	
	LaMotte	3296-2202	Turb.	1 NTU	0.95	1.0	NA	
			Turb.	10 NTU	11	10.0	NA	
7/6/07	4492	J. Foster	pH	4.00	4.05	4.00	2612591	Exp. 12-2008
			pH	7.00	6.94	7.00	2611631	Exp. 11-2008
			Cond	1.413	1.335	1.413	2612451	Exp. 12-2007
			ORP	240	236.6	240	G1748	Exp. 01-2012
			Turb.	1 NTU	0.95	1.0	NA	
			Turb.	10 NTU	10	10.0	NA	
			DO	100%	87.5	100%	NA	

Tetra Tech NUS, Inc.

EQUIPMENT CALIBRATION LOG

PROJECT NAME: JAX 25

SITE NAME: PCA 25

PROJECT No.:

INSTRUMENT NAME/MODEL: YSI / 556 MPS / Lamotte

MANUFACTURER: YSI / Lamotte

SERIAL NUMBER: 07D100975

Date of Calibration	Instrument I.D. Number	Person Performing Calibration	Instrument Settings		Instrument Readings		Calibration Standard (Lot No.)	Remarks and Comments
			Pre-calibration	Post-calibration	Pre-calibration	Post-calibration		
7/5/07	07D100975	MY	Ph	7.0	7.0	7.0	2611631	0830
		MY	Ph	4.0	4.0	4.0	2604143	0835
			COND	1.413	1.413	1.413	2612451	0840
	26856		Turb	10.0	10.0	10.0	N/A	0843
			Turb	1.0	1.0	1.0	N/A	0851
	07D100975		ORP	240	240	240	61748	0855
7/6/07	07D100975	MY	Ph	7.0	7.0	7.0	2611631	0840
			Ph	4.0	4.0	4.0	2604143	0845
			COND	1.413	1.413	1.413	2612451	0850
			ORP	240	240	240	61748	0855
	26856	MY	Turb	10.0	10.0	10.0	N/A	0900
			Turb	1.0	1.0	1.0	N/A	0905

TETRA TECH NUS, INC.

CHAIN OF CUSTODY

NUMBER 26099

PROJECT NO:	FACILITY: JAX PCA25	PROJECT MANAGER: Charles Metz	PHONE NUMBER: (904) 636-6125	LABORATORY NAME AND CONTACT: ENCO Labs, Chris Thompkins
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER: Jon Foster	PHONE NUMBER: (904) 636-6125	ADDRESS:
		CARRIER/WAYBILL NUMBER: Hand Delivery		CITY, STATE: Jacksonville, FL

STANDARD TAT ☐
RUSH TAT ☒
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☒ 7 day ☐ 14 day

	DATE YEAR 2007	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	EDB	8260B	Lead	FLPRO	8270C PAH				COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)										G	G	P	G	G				
PRESERVATIVE USED										NONE	HCl	HNO3	H2SO4	NONE				
*	7/6	1020	JAX25-MW14-20070706				GW	G	27	X	X	X	X	X				Cool to 4°C
	↓	1149	JAX25-MW15-20070706				↓	↓	9	↓	↓	↓	↓	↓				
																		* MS/MSD collected

1. RELINQUISHED BY Jon Foster	DATE 7/6/07	TIME 1300	1. RECEIVED BY [signature] 7/6	DATE 07	TIME 1300
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

TETRA TECH NUS, INC.

CHAIN OF CUSTODY

NUMBER 26098

PROJECT NO:	FACILITY: JAX PCA 25	PROJECT MANAGER: Charles Metz	PHONE NUMBER: (904) 636-6125
SAMPLERS (SIGNATURE): [signature]		FIELD OPERATIONS LEADER: Jon Foster	PHONE NUMBER: (904) 636-6125
		CARRIER/WAYBILL NUMBER: Hand Delivery	

LABORATORY NAME AND CONTACT: ENCO Labs Chris Thompkins

ADDRESS: Phillips Hwy

CITY, STATE: JAX Fl 32256

STANDARD TAT ☐
RUSH TAT ☒
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☒ 7 day ☐ 14 day

DATE YEAR 2007	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAP (G) COMP (C)	No. OF CONTAINERS	EDB 8260B	Lead (Pb)	Fl Pro 8270C PAH					COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									G	G	P	G	G			
PRESERVATIVE USED									N/A	HCL	HNO3	H2SO4	N/A			
7-6	1042	JAX25-MW09-20070706				GW	G	9								Cool @ < 4C
7-6	—	JAX25-DUP-20070706				GW	G	9								
7-6	1154	JAX25-MW05-20070706				GW	G	9								

1. RELINQUISHED BY: Jon Foster	DATE: 7/6/07	TIME: 1300	1. RECEIVED BY: [signature] 7/6/07 1300	DATE	TIME
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TINUS-001

TETRA TECH NUS, INC.

CHAIN OF CUSTODY

NUMBER 26096

PROJECT NO: PCA 25	FACILITY:	PROJECT MANAGER: Charles Metz	PHONE NUMBER: (904) 636-6125
SAMPLERS (SIGNATURE): [signature]		FIELD OPERATIONS LEADER: John Foster	PHONE NUMBER: (904) 636-6125
		CARRIER/WAYBILL NUMBER: Hand Delivery	

LABORATORY NAME AND CONTACT: Enco Labs

ADDRESS: Phillips Hwy

CITY, STATE: Jax Fl 32256

STANDARD TAT ☐
RUSH TAT ☒
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☒ 7 day ☐ 14 day

DATE YEAR 2007	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAP (G) COMP (C)	No. OF CONTAINERS	EDB	8260B	Pb	Pb	8270C PAH				COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									G	G	P	G	G				
PRESERVATIVE USED									N/A	HCL	HNO3	H2SO4	N/A				
7-5	1156	JAx25-MW13-2007 0705				GW	G	9	✓	✓	✓	✓	✓				100 ml @ <4°C
7-5	1300	JAx25-MW04-2007 0705				GW	G	9	✓	✓	✓	✓	✓				
7-5	1457	JAx25-MW12-2007 0705				GW	G	9	✓	✓	✓	✓	✓				
7-5	1407	JAx25-MW03-2007 0705				GW	G	9	✓	✓	✓	✓	✓				

1. RELINQUISHED BY [signature]	DATE 7-5-07	TIME 1620	1. RECEIVED BY [signature] 7/5/07	DATE	TIME 1620
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

TETRA TECH NUS, INC.

CHAIN OF CUSTODY

NUMBER 26097

PROJECT NO:	FACILITY: JAX PCA25	PROJECT MANAGER: Charles Metz	PHONE NUMBER: (904) 636-6125
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER: Jon Foster	PHONE NUMBER: (904) 636-6125
		CARRIER/WAYBILL NUMBER: Hand Delivery	

LABORATORY NAME AND CONTACT: ENCO LABS Chris Thompkins

ADDRESS:

CITY, STATE: Jacksonville, FL

STANDARD TAT ☐
RUSH TAT ☒
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☒ 7 day ☐ 14 day

DATE YEAR 2007	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAP (G) COMP (C)	No. OF CONTAINERS	EDB	8260B	Lead	FLPRO	8270C PAH				COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									G	G	P	G	G				
PRESERVATIVE USED									None	HCl	HNO3	H2SO4	None				
7/5	1150	JAX25-MW07-20070705				GW	G	9	X	X	X	X	X				Cool to 4°C
	1259	JAX25-MW01-20070705															
	1412	JAX25-MW02-20070705															
	1509	JAX25-MW11-20070705															

1. RELINQUISHED BY Jonathan Foster	DATE 7/5/07	TIME 1620	1. RECEIVED BY [signature] 7/5/07	DATE 1620	TIME
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

TETRA TECH NUS, INC.

CHAIN OF CUSTODY

NUMBER 26106

PAGE 1 OF 1

PROJECT NO:	FACILITY: OU1 Landfill	PROJECT MANAGER: Charles Metz	PHONE NUMBER: (904) 636-6125	LABORATORY NAME AND CONTACT: ENCO LABS, Chris Thompkins
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER: Jon Foster	PHONE NUMBER: (904) 636-6125	ADDRESS
		CARRIER/WAYBILL NUMBER: Hand Delivered		CITY, STATE: Jacksonville, FL

STANDARD TAT ☐
RUSH TAT ☒
☒ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G): P, G
PRESERVATIVE USED: HNO3, HCl

DATE YEAR 2007	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAP (G) COMP (C)	No. OF CONTAINERS	TYPE OF ANALYSIS: Arsenic 6010	Benzene 8260							COMMENTS
7/5	0914	JAX-OU1-MW10SS-20070705				GW	G	4	X	X							Cool to 4° C
																	* Analyses for Arsenic only and Benzene only

1. RELINQUISHED BY: Jonathan Foster	DATE: 7/5/07	TIME: 1620	1. RECEIVED BY: [signature] 7/5/07	DATE: 1620	TIME
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

Tetra Tech NUS, Inc.

GROUNDWATER LEVEL MEASUREMENT SHEET

Project Name: NAS Jacksonville
Project No.: 112G00132
Location: PCA 25
Personnel: D. Hardison, C. Metz
Weather Conditions: 70s overcast
Measuring Device: Slope Model 51453 100 ft
Tidally Influenced: Yes X No ___
Remarks:

Well or Piezometer Number	Date	Time	Elevation of Reference Point (feet)*	Total Well Depth (feet)*	Water Level Indicator Reading (feet)*	Thickness of Free Product (feet)*	Groundwater Elevation (feet)*	Comments
✓ MW01		1014		12.65	5.66			
✓ MW02		1017		12.7	4.82			
✓ MW03		1018		12.7	5.27			
✓ MW04		1020		22.6	5.73			
MW05 •		1040		12.71	4.45			
MW07 •		1038		10.45	4.72			
MW09 •		1031		11	4.47			
✓ MW11		1015		10.45	4.98			
MW12 •		1042		11.4	4.60			
✓ MW13		1021		12.3	4.58			
MW14 •		1025		12.4	4.85			
MW15 •		1027		11.5	5.40			
TFMW04		1022		9.5	4.72			
TFMW17		1024		11.3	4.23			
TF MW03		1029		12.2	5.27			
MW16I		1032		25	4.64			
TF MW18D		1036			5.34			
TFMW11		1032		12	4.51			

* All measurements to the nearest 0.01 foot

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville
WELL NO: MW-11	SAMPLE ID: ~~JAX25-MW11-2007~~ JAX-PCA25-MW11-051308 DATE: 5/13/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 0.45 ft to 10.45 ft	STATIC DEPTH TO WATER (feet): 4.98	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
_____Liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 6	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6	PURGING INITIATED AT: 1302	PURGING ENDED AT: 1317	TOTAL VOLUME PURGED (Liters): 6

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1302	—	—	400	4.98	—	—	—	—	—	—	cloudy
1307	2	2	400	5.07	6.58	25.78	976	0.61	5.49	-225.9	cloudy
1312	2	4	400	5.08	6.49	25.82	939	0.33	1.28	-264.7	~~clear~~ green
1317	2	6	400	5.08	6.48	25.87	912	0.23	1.18	-285.3	green

Sample Time - 1320

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ D. Hardison	SAMPLER(S) SIGNATURE(S): [illegible]	SAMPLING INITIATED AT: 1320	SAMPLING ENDED AT: 1335
PUMP OR TUBING DEPTH IN WELL (feet): 6	SAMPLE PUMP FLOW RATE (mL per minute): 400	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N) Filtration Equipment Type: _____ FILTER SIZE: ____ µm	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	~~2~~ 3	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	~~1~~ 2	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	~~1~~ 2	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

CTO 0003

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville
WELL NO: MW-01	SAMPLE ID: ~~JAX25-MW01-2007~~ JAX-PCA25-MW01-051308 DATE: 5/13/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2.65 ft to 12.65 ft	STATIC DEPTH TO WATER (feet): 5.65	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
_____ Liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____ Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8	PURGING INITIATED AT: 1352	PURGING ENDED AT: 1407	TOTAL VOLUME PURGED (Liters): 6

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1352	–	–	400	5.65	–	–	–	–	–	–	cloudy
1357	2	2	400	5.75	6.45	25.32	800	0.57	8.94	-207.4	green
1402	2	4	400	5.76	6.42	25.41	795	0.38	9.00	-221.9	green
1407	2	6	400	5.76	6.39	25.42	794	0.36	8.19	-226.4	green

Sample Time - 1412

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ D. Hardison	SAMPLER(S) SIGNATURES: [signature]	SAMPLING INITIATED AT: 1412	SAMPLING ENDED AT: 1425
PUMP OR TUBING DEPTH IN WELL (feet): 8	SAMPLE PUMP FLOW RATE (mL per minute): 400	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: _____	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	~~2~~ 3	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	~~1~~ 2	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	~~1~~ 2	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville	
WELL NO: MW-02	SAMPLE ID: JAX25-MW02-2007	DATE: 5-13-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2.70 ft to 12.7 ft	STATIC DEPTH TO WATER (feet): 4.85	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable) 4.3 Liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable) 0.5 Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9.5'	PURGING INITIATED AT: 1340	PURGING ENDED AT: 1416	TOTAL VOLUME PURGED (Liters):

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1340	0	0	400	4.85	—	—	—	—	—	—	—
1350	4	4	400	5.28	6.47	24.34	1.146	0.25	12.3	-176.7	clear
1400	4	8	↓	5.28	6.46	24.24	1.139	0.19	10.6	-186.5	↓
1410	4	12	↓	↓	6.48	24.24	1.135	0.18	9.85	-191.6	↓
1412	0.8	12.8	↓	↓	6.48	24.22	1.134	0.17	9.31	-192.6	↓
1414	0.8	13.6	↓	↓	6.48	24.21	1.133	0.16	9.34	-193.3	↓
1416	0.8	14.4	↓	↓	6.48	24.20	1.133	0.16	8.99	-193.9	↓
1416 = Sample Time											

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ C. Metz	SAMPLER(S) SIGNATURES: [signature]	SAMPLING INITIATED AT: 1417	SAMPLING ENDED AT: 1431
PUMP OR TUBING DEPTH IN WELL (feet): 9.5'	SAMPLE PUMP FLOW RATE (mL per minute): 400	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N) Filtration Equipment Type: ____ FILTER SIZE: ____ µm	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	2	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None	<2	8260B	SM
3	1	PE	250 ml	HNO3	None	<2	Lead	APP
4	2	AG	1 L	H2SO4	None	<2	FLPRO	VT
5	1	AG	1 L	None	None	--	8270C PAH	VT

REMARKS: None

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville	
WELL NO: MW-04	SAMPLE ID: JAX25-MW04-[redacted]-[redacted]05/708	DATE: 5-13-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 12.6 ft to 22.6 ft	STATIC DEPTH TO WATER (feet): 5.35	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable) NA Liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable) 0.5 Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 17.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17.5	PURGING INITIATED AT: 1425	PURGING ENDED AT: 1453	TOTAL VOLUME PURGED (Liters): ~

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1425	0	0	0	5.35	—	—	—	—	—	—	—
1435	5	5	500	10.20	6.12	24.25	0.515	0.46	18.6	-88.9	Clear
1445	3	8	300	8.11	6.10	24.30	0.515	0.30	9.98	-91.5	↓
1447	0.4	8.4	200	6.27	6.09	24.31	0.517	0.22	9.55	-94.5	↓
1449	0.4	8.8	200	6.26	6.09	24.31	0.520	0.20	9.27	-97	↓
1451	0.4	9.2	200	6.26	6.09	24.31	0.525	0.18	8.92	-101.2	↓
1453	0.4	9.6	200	6.26	6.10	24.29	0.526	0.18	8.61	-103.2	↓
1453 = Sample Time											

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ C.Metz	SAMPLER(S) SIGNATURES: CM	SAMPLING INITIATED AT: 1455	SAMPLING ENDED AT: 1513
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute): 200	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N) Filtration Equipment Type: ____ FILTER SIZE: ____ µm	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	2	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None	<2	8260B	SM
3	1	PE	250 ml	HNO3	None	<2	Lead	APP
4	2	AG	1 L	H2SO4	None	<2	FLPRO	VT
5	1	AG	1 L	None	None	--	8270C PAH	VT

REMARKS: None

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville
WELL NO: MW-13	SAMPLE ID: ~~JAX25-MW13-2007~~ JAX-PCA25-MW13-051308 DATE: 5/13/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2.30 ft to 12.3 ft	STATIC DEPTH TO WATER (feet): 4.58	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
_____Liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8	PURGING INITIATED AT: 1437	PURGING ENDED AT: 1452	TOTAL VOLUME PURGED (Liters): 4.5

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1437	–	–	300	4.58	–	–	–	–	–	–	cloudy
1442	1.5	1.5	300	4.69	6.44	26.02	854	1.14	4.34	-158.4	green
1447	1.5	3.0	300	4.69	6.43	26.12	856	0.52	2.16	-169.5	green
1452	1.5	4.5	300	4.68	6.41	26.16	854	0.37	1.53	-161.4	clear

Sample Time - 1457

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ D. Hardison	SAMPLER(S) SIGNATURES: [signature]	SAMPLING INITIATED AT: 1457	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet): 8	SAMPLE PUMP FLOW RATE (mL per minute): 300	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: _____	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	~~2~~ 3	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	~~1~~ 2	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	~~1~~ 2	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville
WELL NO: MW-03	SAMPLE ID: JAX25-MW03-2007	DATE: 5-13-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2.7 ft to 12.7 ft	STATIC DEPTH TO WATER (feet): 5.35	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
4.5 Liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
N/A Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9'	PURGING INITIATED AT: 1520	PURGING ENDED AT: 1554	TOTAL VOLUME PURGED (Liters): 13.2

	TIME 5-12-08 CM	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1520	~~1425~~	0	0	500	5.33	—	—	—	—	—	—	—
1530	~~1435~~	5	5	400	5.69	6.44	24.66	0.835	0.15	33.4	-260.8	gray/clear
1540	~~1445~~	4	9	400	5.61	6.46	24.63	0.828	0.13	20.7	-266.0	clear
	1545	1.5	10.5	300	5.53	6.47	24.61	0.822	0.12	17.9	-268.3	↓
	1548	0.9	11.4	↓	5.52	6.46	24.63	0.820	0.12	15.8	-274.6	↓
	1550	0.6	12.0	↓	5.53	6.46	24.67	0.821	0.13	15.3	-277.4	↓
	1552	0.6	12.6	↓	5.53	6.46	24.65	0.822	0.13	14.6	-279.8	↓
	1554	0.6	13.2	↓	5.52	6.47	24.64	0.823	0.12	14.8	-280.3	↓
	(1554 Sample Time)											

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ C. Metz	SAMPLER(S) SIGNATURES: CM	SAMPLING INITIATED AT: 1555	SAMPLING ENDED AT: 1616
PUMP OR TUBING DEPTH IN WELL (feet): 9'	SAMPLE PUMP FLOW RATE (mL per minute): 300	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N) Filtration Equipment Type: ____ FILTER SIZE: ____ µm	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	2	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None	<2	8260B	SM
3	1	PE	250 ml	HNO3	None	<2	Lead	APP
4	2	AG	1 L	H2SO4	None	<2	FLPRO	VT
5	1	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:
None

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: ~~OU 1 Landfill~~ PCA 25	SITE LOCATION: NAS Jacksonville
WELL NO: ~~MW105S~~ TF-MW-04	SAMPLE ID: ~~JAX-OU1-MW105S-2007~~ JAX-PCA25-TF-MW04-051308
DATE: 5/13/08	

PURGING DATA

WELL DIAMETER (inches): 2"	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 1.5 - 9.5	STATIC DEPTH TO WATER (feet): 4.69	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
_____ Liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____ Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7.5 ~~6.5~~	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7.5 ~~6.5~~	PURGING INITIATED AT: 1527	PURGING ENDED AT: 1552	TOTAL VOLUME PURGED (Liters): 7.5

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1527	—	—	300	4.69	—	—	—	—	—	—	cloudy
1532	1.5	1.5	300	4.80	6.53	26.41	802	1.59	28.6	-137.7	cloudy
1537	1.5	3.0	300	4.78	6.48	26.41	806	1.03	22.6	-158.0	cloudy
1542	1.5	4.5	300	4.79	6.48	26.30	811	0.63	10.99	-168.5	cloudy
1547	1.5	6.0	300	4.79	6.46	26.46	813	0.47	3.24	-171.1	cloudy
1552	1.5	7.5	300	4.78	6.45	26.45	809	0.37	1.35	-176.6	clear

Sample Time 1557

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ D. Hardison	SAMPLER(S) SIGNATURES: [illegible]	SAMPLING INITIATED AT: 1557	SAMPLING ENDED AT: 1610
PUMP OR TUBING DEPTH IN WELL (feet): 7.5	SAMPLE PUMP FLOW RATE (mL per minute): 300	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: _____	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
~~1~~	~~3~~	~~CG~~	~~40 ml~~	~~HCl~~	~~None~~	~~<2~~	~~Benzene~~	~~SM~~
~~2~~	~~1~~	~~PE~~	~~250 ml~~	~~HNO3~~	~~None~~	~~<2~~	~~Arsenic~~	~~APP~~
	3	CG	40ml	None	None		EDB	SM
	3	CG	40ml	HCl	None		8260B	SM
	2	PE	250ml	HNO3	None		Lead	APP
	2	AG	1L	H_2SO_4	None		FLPRO	VT
	2	AG	1L	None	None		8270C(PAH)	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville	
WELL NO: MW-09	SAMPLE ID: ~~JAX25-MW09-2007~~ JAX-PCA25-MW09-051408	DATE: 5/14/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 1.0 ft to 11.0 ft	STATIC DEPTH TO WATER (feet): 4.49	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
_____ Liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____ Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8	PURGING INITIATED AT: 1043	PURGING ENDED AT: 1118	TOTAL VOLUME PURGED (Liters): 10.5

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1043	–	–	300	4.49	–	–	–	–	–	–	Cloudy
1053	3	3	300	4.58	6.17	25.84	568	2.04	4.16	-124.9	cloudy
1058	1.5	4.5	300	4.59	6.17	25.48	562	1.81	6.40	-129.8	cloudy
1108	3	7.5	300	4.61	6.15	25.71	535	1.07	4.13	-131.0	cloudy
1113	1.5	9	300	4.60	6.15	25.76	543	0.68	5.85	-133.1	cloudy
1118	1.5	10.5	300	4.60	6.14	25.67	536	0.49	4.10	-132.6	cloudy
		Sample Time –			1128						

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ D. Hendrison	SAMPLER(S) SIGNATURES: [signature]	SAMPLING INITIATED AT: 1128	SAMPLING ENDED AT: 1207
PUMP OR TUBING DEPTH IN WELL (feet): 8	SAMPLE PUMP FLOW RATE (mL per minute): 300	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: _____	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	~~2~~ 6	CG	40 ml	None	None	--	EDB	SM
2	~~2~~ 6	CG	40 ml	HCl	None		8260B	SM
3	~~2~~ 4	PE	250 ml	HNO3	None		Lead	APP
4	~~2~~ 4	AG	1 L	H2SO4	None		FLPRO	VT
5	~~2~~ 4	AG	1 L	None	None	--	8270C PAH	VT

REMARKS: * MS/MSD

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville
WELL NO: MW-12	SAMPLE ID: ~~JAX25-MW12-2007~~ JAX-PCA25-MW12-051408
DATE: 5/14/08	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 1.4 ft to 11.4 ft	STATIC DEPTH TO WATER (feet): 4.59	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
_____ Liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____ Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8	PURGING INITIATED AT: 1223	PURGING ENDED AT: 1248	TOTAL VOLUME PURGED (Liters): 6.0

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1223	–	–	300	4.59	–	–	–	–	–	–	cloudy
1238	3	3	300	4.71	6.29	25.52	534	0.65	5.56	-146.6	cloudy
1243	1.5	4.5	300	4.71	6.36	25.62	517	0.44	5.19	-150.9	cloudy
1248	1.5	6.0	300	4.71	6.37	25.65	513	0.40	4.78	-151.7	

Sample Time - 1255

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ D. Hendrison	SAMPLER(S) SIGNATURES: [signature]	SAMPLING INITIATED AT: 1255	SAMPLING ENDED AT: 1305
PUMP OR TUBING DEPTH IN WELL (feet): 8	SAMPLE PUMP FLOW RATE (mL per minute): 300	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: _____	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	~~2~~ 3	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	~~1~~ 2	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	~~1~~ 2	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville	
WELL NO: MW-14	SAMPLE ID: ~~JAX25-MW14-2007~~ JAX-PCA25-MW14-051408	DATE: 5/14/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2.4 ft to 12.4 ft	STATIC DEPTH TO WATER (feet): 4.79	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
_____Liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9	PURGING INITIATED AT: 1315	PURGING ENDED AT:	TOTAL VOLUME PURGED (Liters):

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1315	—	—	300	4.79	—	—	—	—	—	—	cloudy
1325	3	3	300	4.82	6.48	24.08	796	1.15	14.4	141.0	cloudy
1330	1.5	4.5	300	4.83	6.54	24.18	790	0.86	17.6	-124.0	cloudy
1335				4.83	6.58	24.06	778	0.34	13.8	146.5	

Sample Time - 1342

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ D. Hardison	SAMPLER(S) SIGNATURES: [signature]	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet): 9	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N) Filtration Equipment Type: _____ FILTER SIZE: ____ µm	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	~~2~~ 3	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	+2	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	+2	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville
WELL NO: MW-15	SAMPLE ID: ~~JAX25-MW15-2007~~ JAX-PCA25-MW15-051408
DATE: 5/14/08	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 0.00 ft to 10.00 ft 4.5	STATIC DEPTH TO WATER (feet): 5.38	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
_____Liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8.5	PURGING INITIATED AT: 1410	PURGING ENDED AT: 1438	TOTAL VOLUME PURGED (Liters): 6.0

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1418	–	–	300	5.38	–	–	–	–	–	–	cloudy
1428	3	3	300	5.49	6.18	24.48	709	0.60	12.5	-67.8	cloudy
1433	1.5	4.5	300	5.51	6.16	24.61	729	0.48	5.26	-73.4	cloudy
1438	1.5	6.0	300	5.51	6.16	24.61	755	0.40	3.48	-77.2	clear

Sample Time 1445

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ D. Hardison	SAMPLER(S) SIGNATURES: [signature]	SAMPLING INITIATED AT: 1445	SAMPLING ENDED AT: 1455
PUMP OR TUBING DEPTH IN WELL (feet): 8.5	SAMPLE PUMP FLOW RATE (mL per minute): 300	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: _____	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	~~2~~ 3	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	+2	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	+2	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville	
WELL NO: MW-07	SAMPLE ID: ~~JAX25-MW07-2007~~ JAX-PCA25-MW07-051408	DATE: 5/14/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 0.45 ft to 10.45 ft	STATIC DEPTH TO WATER (feet): 4.71	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
_____Liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7.5	PURGING INITIATED AT: 1504	PURGING ENDED AT: 1524	TOTAL VOLUME PURGED (Liters): 6.0

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1504	–	–	300	4.71	–	–	–	–	–	–	cloudy
1514	3	3	300	4.85	6.79	26.12	560	0.41	3.02	-114.8	cloudy
1519	1.5	4.5	300	4.84	6.79	26.13	557	0.38	5.89	-115.3	cloudy
1524	1.5	6.0	300	4.85	6.80	26.10	550	0.35	2.00	-116.5	clear

Sample Time - 1530

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ D. Hendrickson	SAMPLER(S) SIGNATURES: [signature]	SAMPLING INITIATED AT: 1530	SAMPLING ENDED AT: 1538
PUMP OR TUBING DEPTH IN WELL (feet): 7.5	SAMPLE PUMP FLOW RATE (mL per minute): 300	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N) Filtration Equipment Type: _____ FILTER SIZE: ____ µm	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	~~2~~ 3	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	~~1~~ 2	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	~~1~~ 2	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville	
WELL NO: MW-05	SAMPLE ID: ~~JAX25-MW05-2007~~ JAX-PCA 25-MW05-051408	DATE: 5/14/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2.71 ft to 12.71 ft	STATIC DEPTH TO WATER (feet): 4.44	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
_____Liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8.5	PURGING INITIATED AT: 1549	PURGING ENDED AT: 1609	TOTAL VOLUME PURGED (Liters): 6.0

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1549	–	–	300	4.44	–	–	–	–	–	–	cloudy
1559	3	3	300	4.58	7.14	24.27	406	0.49	19.5	-99.6	cloudy
1604	1.5	4.5	300	4.58	7.15	24.14	400	0.35	13.3	-107.9	cloudy
1609	1.5	6.0	300	4.59	7.20	24.25	400	0.35	10.54	-110.3	cloudy

Sample Time - 1615

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ D. Hutchison	SAMPLER(S) SIGNATURES: [signature]	SAMPLING INITIATED AT: 1615	SAMPLING ENDED AT: 1625
PUMP OR TUBING DEPTH IN WELL (feet): 8.5	SAMPLE PUMP FLOW RATE (mL per minute): 300	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: _____	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	~~2~~ 3	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	~~1~~ 2	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	~~1~~ 2	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville
WELL NO: MW-TF-MW03	SAMPLE ID: JAX-PCA25-TF-MW03-051508 — DATE: 05/15/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2.2 - 12.2	STATIC DEPTH TO WATER (feet): 5.28	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
_____ Liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____ Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9	PURGING INITIATED AT: 0930	PURGING ENDED AT: 0955	TOTAL VOLUME PURGED (Liters): 7.5

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
0930 1535	–	–	300	5.28	–	–	–	–	–	–	cloudy
0940	3	3	300	5.39	6.48	26.00	822	2.44	2.52	-232.6	clear
0945	1.5	4.5	300	5.38	6.46	25.90	820	1.49	1.34	-234.1	clear
0950	1.5	6.0	300	5.38	6.46	25.85	828	0.60	0.87	-229.5	clear
0955	1.5	7.5	300	5.39	6.48	25.80	842	0.35	0.67	-249.6	clear
					Sample Time		1000				

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ D. Hardison	SAMPLER(S) SIGNATURES: [signature]	SAMPLING INITIATED AT: 1000	SAMPLING ENDED AT: 1015
PUMP OR TUBING DEPTH IN WELL (feet): 9	SAMPLE PUMP FLOW RATE (mL per minute): 300	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: _____	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	3	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	2	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	2	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville	
WELL NO: MW- 16I	SAMPLE ID: JAX-PCA25-MW16I-051508	DATE: 05/15/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 20- 25	STATIC DEPTH TO WATER (feet): 4.62	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
_____Liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 22.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 22.5	PURGING INITIATED AT: 1031	PURGING ENDED AT: 1051	TOTAL VOLUME PURGED (Liters): 6.0

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1031	–	–	300	4.62	–	–	–	–	–	–	cloudy
1041	3	3	300	4.74	6.45	25.14	547	0.38	12.8	~196.3	cloudy
1046	1.5	4.5	300	4.75	6.44	25.26	564	0.30	5.20	~192.3	cloudy
1051	1.5	6.0	300	4.74	6.42	25.30	579	0.29	3.07	-192.5	cloudy

Sample Time 1057

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ D. Hardison	SAMPLER(S) SIGNATURES: [signature]	SAMPLING INITIATED AT: 1057	SAMPLING ENDED AT: 1104
PUMP OR TUBING DEPTH IN WELL (feet): 22.3	SAMPLE PUMP FLOW RATE (mL per minute): 30	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: _____	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	3	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	2	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	2	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville
WELL NO: MW-TF-MW11	SAMPLE ID: JAX-PCA25-TF-MW11-051508 / DATE: 05/15/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2-12	STATIC DEPTH TO WATER (feet): 5.49	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
_____Liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9	PURGING INITIATED AT: 1120	PURGING ENDED AT: 1140	TOTAL VOLUME PURGED (Liters): 6.0

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1120	–	–	300	5.49	–	–	–	–	–	–	cloudy
1130	3	3	300	5.62	6.63	26.03	362	0.55	4.18	-107.0	cloudy
1135	1.5	4.5	300	5.63	6.59	25.95	358	0.50	2.25	-100.5	cloudy
1140	1.5	6.0	300	5.63	6.59	25.89	355	0.41	1.65	-98.8	clear

Sample Time 1147

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ D. Handlisa	SAMPLER(S) SIGNATURES: [signature]	SAMPLING INITIATED AT: 1147	SAMPLING ENDED AT: 1158
PUMP OR TUBING DEPTH IN WELL (feet): 9	SAMPLE PUMP FLOW RATE (mL per minute): 300	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N) Filtration Equipment Type: _____ FILTER SIZE: ____ µm	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	3	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	2	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	2	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS, Inc.

EQUIPMENT CALIBRATION LOG

PROJECT NAME : CTO 003

SITE NAME: PCA 25

PROJECT No.: 112G00132

INSTRUMENT NAME/MODEL:

MANUFACTURER:

SERIAL NUMBER:

Date of Calibration	Instrument I.D. Number	Inst. Model ~~Person Performing Calibration~~	Instrument Settings		Instrument Readings		Calibration Standard (Lot No.)	Remarks and Comments
			Pre-calibration	Post-calibration	Pre-calibration	Post-calibration		
5/14/08	04J1553AF	YSI 556 MPS			1.464	1.413	6126	Cond - 1.413 mS/cm
					102.1%	100%	N/A	DO - 760 mmHg
					4.04	4.0	6201	pH 4.0
					9.88	10.0	1803170	pH - 10.0
					236.8	240	G2563	ORP - 240 mV
5/14/08	PN-26858	Lamotte 2020e			N/A	0	P785454	0.0 NTU
					0.68	0.98	P784176	1.0 NTU
					9.74	9.97	P784551	10.0 NTU
5/14/08	110-010510	Mini-RAE 2000			96.9	101.0	LTA288-MD-CM-WM956	Isobut - 100ppm
5/15/08	04J1553AF	YSI 556 MPS			1.444	1.413	6126	Cond - 1.413 mS/cm
					101.7%	106%	N/A	DO - 760 mmHg
					4.14	4	6201	pH 4.0
					9.94	10	1803170	pH 10.0
					224.0	240	G2563	ORP - 240 mV
5/15/08	PN-26858	Lamotte 2020e			N/A	0 NTU	P785454	0.0 NTU
					0.76	1.01	P784176	1.0 NTU
					9.68	9.89	P784551	10.0 NTU
5/15/08	110-010510	Mini-RAE 2000			104.2	100.6	LTA288-MD-CM-WM956	Isobutylene - 100ppm

TETRA TECH NUS, INC. | **CHAIN OF CUSTODY** | **NUMBER** 26293 | **PAGE** 1 **OF** 1

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
CTO 0003	PCA 25	Mark Petrison	904-636-6125 x213	CAS
SAMPLERS (SIGNATURE)		**FIELD OPERATIONS LEADER**	**PHONE NUMBER**	**ADDRESS**
CM		Donald Hardison		
		CARRIER/WAYBILL NUMBER		**CITY, STATE**
				JAX, FL

STANDARD TAT ☒ 21 DAY
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2008	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAP (G) COMP (C)	No. OF CONTAINERS	FL PRO	8270C SIM	8260B	8011	6010B (Pb)				COMMENTS
		CONTAINER TYPE PLASTIC (P) or GLASS (G)							G	G	G	G	P				
		PRESERVATIVE USED							H_2SO_4	—	HCl	—	HNO_3				
		TYPE OF ANALYSIS															
5-13	1320	JAX-PCA25-MW11-051308				GW	G	12	2	2	3	3	2				
	1416	-MW02-						12	2	2	3	3	2				
	1412	-MW01-						12	2	2	3	3	2				
	1453	-MW04-						12	2	2	3	3	2				
	1554	-MW03-						12	2	2	3	3	2				
	1457	JAX-PCA25-MW13-051308						12	2	2	3	3	2				
	1557	JAX-PCA25-TF-MW04-051308						12	2	2	3	3	2				
		Trip Blank															Cooled To 4°C on Ice
									PO #								

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY CM	5-13-08	1505	1. RECEIVED BY	5-13-08	15:05
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TINUS-001

TETRA TECH NUS, INC. **CHAIN OF CUSTODY** | **NUMBER** 26294 | **PAGE** 1 **OF** 1

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
112G00132	NAS JAX	Mark Peterson	904-636-6125	Columbia Analytical
SAMPLERS (SIGNATURE)		**FIELD OPERATIONS LEADER**	**PHONE NUMBER**	**ADDRESS**
[illegible]		Donald Hardison	904-636-6125	
		CARRIER/WAYBILL NUMBER		**CITY, STATE**
		Drop off		Jacksonville, FL

STANDARD TAT ☐
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2008	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAP (G) COMP (C)	No. OF CONTAINERS	EDB	8260B	Lead	FL-PRO	8270C (PAH)				COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									G	G	P	G	G				
PRESERVATIVE USED									None	HCL	HNO3	H2SO4	None				
5/14	1128	JAX-PCA25-MW09-051408						24	X	X	X	X	X				Cool to 4°C
	1255	JAX-PCA25-MW12-051408						12	X	X	X	X	X				
	1342	JAX-PCA25-MW14-051408						12	X	X	X	X	X				
	1445	JAX-PCA25-MW15-051408						12	X	X	X	X	X				
	1530	JAX-PCA25-MW07-051408						12	X	X	X	X	X				
	1615	JAX-PCA25-MW05-051408						12	X	X	X	X	X				
		Trip Blank															

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY [illegible]	5/14/08	1720	1. RECEIVED BY [illegible] 5/14/08	1720	
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TINUS-001

TETRA TECH NUS, INC. | **CHAIN OF CUSTODY** | **NUMBER** 26140 | **PAGE** 1 **OF** 1

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
112G00132	NAS JAX	Mark Peterson	904-636-6125	Columbia Analytical
SAMPLERS (SIGNATURE)		**FIELD OPERATIONS LEADER**	**PHONE NUMBER**	**ADDRESS**
[signature]		Donald Hardison	904-636-6125	
		CARRIER/WAYBILL NUMBER		**CITY, STATE**
		Drop off		Jacksonville, FL

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2003	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAP (G) COMP (C)	No. OF CONTAINERS	EPH	8260B	Lead	FL-PRO	8270C (PAH)				COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									G	G	P	G	G				
PRESERVATIVE USED									None	HCl	HNO3	H2SO4	None				
5/15	1000	JAX-PCA25-TF-MW03-051508				GW	G	12	X	X	X	X	X				Cool to 4°C
5/15	1057	JAX-PCA25-MW16I-051508				GW	G	12	X	X	X	X	X				↓
5/15	1147	JAX-PCA25-TF-MW11-051508				GW	G	12	X	X	X	X	X				
		Trip Blank															

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY [signature]	5/15/03	14:16	1. RECEIVED BY [signature]	5/15/03	[illegible]
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

Tetra Tech NUS, Inc.

GROUNDWATER LEVEL MEASUREMENT SHEET

Project Name: NAS Jacksonville
Project No.: 112G00132
Location: PCA 25
Personnel:
Weather Conditions:
Measuring Device:
Tidally Influenced: Yes X No ___
Remarks:

Well or Piezometer Number	Date	Time	Elevation of Reference Point (feet)*	Total Well Depth (feet)*	Water Level Indicator Reading (feet)*	Thickness of Free Product (feet)*	Groundwater Elevation (feet)*	Comments
MW01		0904		12.5	5.03			
MW02		0844		12.7	3.51			
MW03		0846		12.7	3.51			
MW04		0847		22.6	4.15			
MW05								
MW07		0855		10.45	3.11			
MW09		0858		11.0	3.04			
MW11		0843		10.45	3.69			
MW12		0859		11.4	3.09			
MW13		0848		12.3	2.77			
MW14		0850		12.4	3.44			
MW15		0851		11.5	3.81			
TF-MW11		0854		12.00	2.80			
TF-MW45D		0857		36.5	5.07			
TF-MW03		0901		12.7	4.27			
MW16I		0907		25.0	can't get	parking lot drains		
MW10I						to this spot. -		
						water at top of		
						casing		

* All measurements to the nearest 0.01 foot

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville	
WELL NO: MW-02	SAMPLE ID: JAX25-MW02-~~[illegible]~~ 081208	DATE: 8-12-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2.70 ft to 12.7 ft	STATIC DEPTH TO WATER (feet): 3.52	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
(12.7 - 3.52)(.16)(3.785 L/G) = 5.6 L (x5 = 28.0 L)
_____ Liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____ Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9'	PURGING INITIATED AT: 0847	PURGING ENDED AT: 1002	TOTAL VOLUME PURGED (Liters): 29.0

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
0847	–	–	400	3.52	–	–	–	–	–	–	–
0902	6.0	6.0	400	3.70	6.66	26.94	.897	4.43	29.74	-194.6	cloudy
0912	4.0	10.0	400	3.71	6.72	27.03	.832	1.49	30.59	-235.4	cloudy
0922	4.0	14.0	400	3.71	6.72	27.04	.804	1.23	39.23	-256.1	cloudy
0932	3.0	18.0	300	3.71	6.69	27.06	.793	.97	39.47	-267.0	cloudy
0942	4.0	21.0	400	3.71	6.68	27.10	.777	.82	27.67	-271.6	cloudy
0952	4.0	25.0	400	3.71	6.67	27.14	.772	.74	29.13	-273.1	cloudy
1002	4.0	29.0	400	3.71	6.67	27.15	.772	.72	24.97	-274.2	cloudy
1005 SAMPLE TIME											

lowed pump

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ KEVIN WEICHERT	SAMPLER(S) SIGNATURES: [signature]	SAMPLING INITIATED AT: 1005	SAMPLING ENDED AT: 1015
PUMP OR TUBING DEPTH IN WELL (feet): 9'	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: _____	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	~~2~~ 3	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	1	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	~~1~~ 2	AG	1 L	None	None	--	8270C PAH	VT

REMARKS: turb high - tried slowing pump ~~[illegible]~~ - didn't help
- purged 5 well volumes

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville	
WELL NO: MW-11	SAMPLE ID: JAX25-MW11-~~2009~~ 081209	DATE: 8/12/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 0.45 ft to 10.45 ft	STATIC DEPTH TO WATER (feet): 3.76	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
4.65 Liters 10.45 - 3.76 x 0.16 = 1.07 g x 3.785

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____ Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 10.45 ~~3.76~~	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 10.45 ~~3~~	PURGING INITIATED AT: 0934	PURGING ENDED AT: 1015	TOTAL VOLUME PURGED (Liters): 12.3

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
0934	—	—	300	3.76	—	—	—	—	—	—	—
0948	4.2	4.2	300	3.88	4.64	29.34	.545	0.26	1.96	-52.9	clear
0953	1.5	5.7	300	3.89	5.40	29.41	.578	0.20	1.23	-150.8	clear
0958	1.5	7.2	300	3.89	6.36	29.37	.610	0.23	1.03	-176.0	clear
1003	1.5	8.7	300	3.89	6.41	29.36	.618	0.19	0.61	-173.1	clear
1008	1.5	10.2	300	3.89	6.42	29.35	.622	0.14	0.41	-175.0	clear
1013	1.5	11.7	300	3.89	6.56	29.36	.630	0.19	0.42	-228.3	clear
1015	sample time										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ Jeff Kronz	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1015	SAMPLING ENDED AT: 1040
PUMP OR TUBING DEPTH IN WELL (feet): 10.45	SAMPLE PUMP FLOW RATE (mL per minute): 300	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N) Filtration Equipment Type: _____ FILTER SIZE: ____ µm	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	~~2~~ 3	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	1	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	~~1~~ 2	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville	
WELL NO: MW-04	SAMPLE ID: JAX25-MW04-~~2007~~ 081208	DATE: 8-12-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 12.6 ft to 22.6 ft	STATIC DEPTH TO WATER (feet): 4.10	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 ~~WELL VOLUME~~ = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable) Screen volume = (10)(.16)(3785 ml/L) = 6.1 L
Liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (X3 = 3.36)
(only fill out if applicable) (23)(.0014)(3,785 ml/L) + 1 L = 1.12 L
Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 18'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 18'	PURGING INITIATED AT: 1016	PURGING ENDED AT: 1037	TOTAL VOLUME PURGED (Liters): 6.3

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1016	–	–	300	4.10	–	–	–	–	–	–	–
1021	1.5	1.5	300	4.33	6.22	26.27	.427	3.59	34.74	-35.0	yellow
1026	1.5	3.0	300	4.35	6.04	26.10	.408	1.94	10.93	-48.4	yellow
1031	1.5	4.5	300	4.35	6.02	26.12	.389	1.55	6.42	-60.6	clear
1034	.9	5.4	300	4.35	6.01	26.12	.387	1.52	5.39	-66.0	Clear
1037	.9	6.3	300	4.35	6.02	26.13	.387	1.48	6.00	-68.6	Clear
1039	SAMPLE	TIME									

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ KEVIN WEICHERT	SAMPLER(S) SIGNATURES: [signature]	SAMPLING INITIATED AT: 1039	SAMPLING ENDED AT: 1052
PUMP OR TUBING DEPTH IN WELL (feet): 18'	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	~~2~~ 3	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	1	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	~~1~~ 2	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville	
WELL NO: MW-03	SAMPLE ID: JAX25-MW03-~~2007~~ 081208	DATE: 8-12-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2.7 ft to 12.7 ft	STATIC DEPTH TO WATER (feet): 3.55'	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
(12.7 - 3.55)(.16)(3.785) = 5.5 L (X5 = 27.5)
Liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____ Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 81	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 81	PURGING INITIATED AT: 1100	PURGING ENDED AT: 1130	TOTAL VOLUME PURGED (Liters): 12.0

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1100	–	–	400	3.55	–	–	–	–	–	–	–
1114	5.6	5.6	400	3.79	6.36	27.53	.590	2.55	12.23	-140.3	clear
1124	4.0	9.6	400	3.81	6.49	27.62	.623	1.52	7.87	-179.1	clear
1127	1.2	10.8	400	3.81	6.49	27.61	.624	1.37	6.93	-186.8	clear
1130	1.2	12.0	400	3.81	6.49	27.61	.625	1.22	6.28	-190.2	clear
1132	SAMPLE TIME										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ KEVIN WEICHERT	SAMPLER(S) SIGNATURES: K. WELL	SAMPLING INITIATED AT: 1132	SAMPLING ENDED AT: 1150
PUMP OR TUBING DEPTH IN WELL (feet): 81	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: _____	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	~~2~~ 3	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	1	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	~~1~~ 2	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA-25	SITE LOCATION: NAS Jacksonville
WELL NO: TF-3	SAMPLE ID: JAX-TF-MW3200809 1208 — DATE: 8/12/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 5 - 12.5 (12.7)	STATIC DEPTH TO WATER (feet): 4.29	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
5.09 Liters (12.7 - 4.29) 8.41 X .16 = 1.35 = 5.09L

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____ Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.7	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12.7	PURGING INITIATED AT: 1104	PURGING ENDED AT: 1141	TOTAL VOLUME PURGED (Liters): 12.3

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1104	–	–	300								
1121	5.1L	5.1	300	4.49	5.52	29.76	.751	0.17	10.40	-116.2	clear
1126	1.5	6.6	300	4.50	4.98	29.70	.697	0.18	5.45	-115.0	clear
1131	1.5	8.1	300	4.50	5.26	29.73	.701	0.17	5.35	-114.5	clear
1136	1.5	9.6	300	4.50	5.14	29.71	.703	0.15	4.87	-133.4	clear
1141	1.5	11.1	300	4.51	5.23	29.71	.704	0.18	2.19	-142.6	clear
1145	Sample time										

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ Jeff Krome	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1145	SAMPLING ENDED AT: 1210
PUMP OR TUBING DEPTH IN WELL (feet): 12.7	SAMPLE PUMP FLOW RATE (mL per minute): 300	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N) Filtration Equipment Type: ____ FILTER SIZE: ____ µm	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	3	CG	40ml	none	none		EDB	SM
2	3	CG	40ml	HCl	|		8260B	SM
3	1	PE	250ml	HNO3	|		Lead	APP
4	2	AG	1L	H2SO4	|		FLPRO	VT
5	2	AG	1L	none	none		8270C PAH	VT

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville	
WELL NO: MW-13	SAMPLE ID: JAX25-MW13-~~0807~~ 081208	DATE: 8-12-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2.30 ft to 12.3 ft	STATIC DEPTH TO WATER (feet): 2.90	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
(12.3 - 2.9)(.16)(3.785 L/G) = 5.7L (x5 = 28.5)
Liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8'	PURGING INITIATED AT: 1317	PURGING ENDED AT: 1348	TOTAL VOLUME PURGED (Liters): 12.4

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1317	–	–	400	2.90	–	–	–	–	–	–	–
1332	6.0	6.0	400	3.11	6.65	30.76	.718	2.26	3.69	-39.0	clear
1337	2.0	8.0	400	3.11	6.64	30.86	.660	2.10	1.27	-30.0	clear
1342	2.0	10.0	400	3.11	6.61	30.85	.645	1.52	1.11	-20.3	clear
1345	1.2	11.2	400	3.11	6.61	30.80	.646	1.44	2.29	-25.5	clear
1348	1.2	12.4	400	3.11	6.61	30.81	.646	1.42	2.20	-29.2	clear
1350	SAMPLE	TIME									

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ KEVIN WEICHERT	SAMPLER(S) SIGNATURES: [signature]	SAMPLING INITIATED AT: 1350	SAMPLING ENDED AT: 1405
PUMP OR TUBING DEPTH IN WELL (feet): 8'	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	2	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	1	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	1	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA-25	SITE LOCATION: NAS Jacksonville
WELL NO: ~~PX~~ JAX-25 MW01	SAMPLE ID: JAX-25 MW01 20080812 08	DATE: 8/12/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 5 - 12.5	STATIC DEPTH TO WATER (feet): 5.19	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
4.4 Liters ~~12.5~~ 12.5 - 5.19 = 7.31 x .16 = 1.17 x 3.785 = 4.4

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____ Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 12.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 12.5	PURGING INITIATED AT: 1320	PURGING ENDED AT: 1350	TOTAL VOLUME PURGED (Liters): 10.5

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1320	—	—	300	5.19	—	—	—	—	—	—	—
1335	4.5	4.5	300	5.24	5.22	29.52	.637	.17	15.42	106.4	clear
1340	1.5	6.0	300	5.24	5.26	29.53	.634	.18	13.75	110.8	clear
1345	1.5	7.5	300	5.24	5.26	29.55	.631	.17	12.00	115.0	clear
1350	1.5	9.0	300	5.24	5.29	29.47	.620	.17	11.07	109.1	clear
1355 Sample time											

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ Jeff Krone	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1355	SAMPLING ENDED AT: 1428
PUMP OR TUBING DEPTH IN WELL (feet): 12.5	SAMPLE PUMP FLOW RATE (mL per minute): 300	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) Filtration Equipment Type: _____ FILTER SIZE: ____ µm	DUPLICATE: Y (N)	

SAMPLE ID CODE	SAMPLE CONTAINER SPECIFICATION: # CONTAINERS	MATERIAL CODE	VOLUME	SAMPLE PRESERVATION: PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
1	~~3~~ 6	CG	40ml	none	none		EDB	SM
2	~~3~~ 6	CG	40ml	HCl	|		8260B	SM
3	~~1~~ 2	PE	250ml	HNO3	|		lead	APP
4	~~2~~ 4	AG	1L	H_2SO_4	|		FLDRO	VT
5	~~2~~ 4	AG	1L	none	none		8270 cPAH	VT

REMARKS: MS/MSD COLLECTED KW

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

JAX-NEX-005

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville	
WELL NO: MW-14	SAMPLE ID: JAX25-MW14-~~2007~~ 081208	DATE: 8-12-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2.4 ft to 12.4 ft	STATIC DEPTH TO WATER (feet): 3.25	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
(12.4 - 3.25)(.16)(3.785 L/a) = 5.5L (X5 = 27.5)
_____ Liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____ Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8'	PURGING INITIATED AT: 1414	PURGING ENDED AT: 1440	TOTAL VOLUME PURGED (Liters): 10.4

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1414	—	—	400	3.25	—	—	—	—	—	—	—
KW ~~1428~~	~~5.6~~	~~5.6~~	~~400~~	KW							
1434	8.0	8.0	400	3.58	6.63	27.39	.448	1.30	11.31	-28.8	Clear
1437	1.2	9.2	400	3.58	6.63	27.38	.445	1.16	9.32	-32.4	Clear
1440	1.2	10.4	400	3.58	6.64	27.36	.446	1.02	8.79	-34.2	Clear
1442	SAMPLE	TIME									

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ KEVIN WEICHERT	SAMPLER(S) SIGNATURES: KWeicht	SAMPLING INITIATED AT: 1442	SAMPLING ENDED AT: 1500
PUMP OR TUBING DEPTH IN WELL (feet): 8'	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: _____	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	~~2~~ 3	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	1	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	~~1~~ 2	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville	
WELL NO: MW-15	SAMPLE ID: JAX25-MW15-~~2007~~ 081308	DATE: 8-13-08

PURGING DATA

1.5 -> 11.5

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: ~~9.00 ft to 19.00 ft~~ 1.5 - 11.5	STATIC DEPTH TO WATER (feet): 3.77	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
(11.5 - 3.77)(.16)(3.785 L/G) = 4.7 L (X5 = 23.5)
Liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____ Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8'	PURGING INITIATED AT: 0923	PURGING ENDED AT: 0946	TOTAL VOLUME PURGED (Liters): 9.2

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
0923	—	—	400	3.77	—	—	—	—	—	—	—
0935	4.8	4.8	400	4.01	6.30	27.35	.506	1.60	10.75	-7.0	clear
0940	2.0	6.8	400	4.01	6.34	27.54	.417	1.33	3.81	-3.3	clear
0943	1.2	8.0	400	4.01	6.34	27.57	.415	1.26	4.21	-4.3	clear
0946	1.2	9.2	400	4.01	6.34	27.57	.414	1.20	2.96	-5.3	clear
0947	SAMPLE TIME										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ KEVIN WEICHERT	SAMPLER(S) SIGNATURES: K-Weichert	SAMPLING INITIATED AT: 0947	SAMPLING ENDED AT: 1003
PUMP OR TUBING DEPTH IN WELL (feet): 8'	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: _____	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	~~2~~ 3	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	1	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	~~1~~ 2	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville	
WELL NO: **MW-12**	SAMPLE ID: JAX25-MW12-~~2007~~ 081308	DATE: 8-13-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 1.4 ft to 11.4 ft	STATIC DEPTH TO WATER (feet): 3.13	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
(11.4 - 3.13)(.16)(3.7854/6) = 5.0 L Liters (x5 = 25.0)

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____ Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT: 1009	PURGING ENDED AT: 1033	TOTAL VOLUME PURGED (Liters): 9.6

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1009	–	–	400	3.13	–	–	–	–	–	–	–
1022	5.2	5.2	400	3.30	6.52	29.39	.331	1.71	6.53	17.3	Clear
1027	2.0	7.2	400	3.30	6.44	29.50	.353	1.40	3.70	8.8	Clear
1030	1.2	8.4	400	3.30	6.43	29.51	.355	1.30	3.14	8.9	clear
1033	1.2	9.6	400	3.30	6.42	29.52	.356	1.22	3.10	4.8	Clear
1035	SAMPLE TIME										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ KEVIN WEICHERT	SAMPLER(S) SIGNATURES: [signature]	SAMPLING INITIATED AT: 1035	SAMPLING ENDED AT: 1050
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: _____	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	2	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	1	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	1	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville	
WELL NO: MW-09	SAMPLE ID: JAX25-MW09-~~2007~~ 081308	DATE: 8-13-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 1.0 ft to 11.0 ft	STATIC DEPTH TO WATER (feet): 3.00	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
(11.00 - 3.00)(.16)(3.785 L/G) = 4.8 L (X5 = 24 L)
_____ Liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____ Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8'	PURGING INITIATED AT: 1144	PURGING ENDED AT: 1202	TOTAL VOLUME PURGED (Liters): 7.2

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1144	—	—	400	3.00	—	—	—	—	—	—	—
1156	4.8	4.8	400	3.28	6.20	29.03	.418	1.40	15.27	-18.1	Clear
1159	1.2	6.0	400	3.29	6.21	29.06	.416	1.33	13.85	-15.8	Clear
1202	1.2	7.2	400	3.29	6.21	29.07	.415	1.29	13.64	-14.8	Clear
1205 SAMPLE TIME											

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ KEVIN WEICHERT	SAMPLER(S) SIGNATURES: [signature]	SAMPLING INITIATED AT: 1205	SAMPLING ENDED AT: 1223
PUMP OR TUBING DEPTH IN WELL (feet): 8'	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: _____	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	2	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	1	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	1	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

L00E - 9b2

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville	
WELL NO: MW-07	SAMPLE ID: JAX25-MW07-~~2007~~ 081308	DATE: 8-13-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 0.45 ft to 10.45 ft	STATIC DEPTH TO WATER (feet): 3.02	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
(10.45-3.02)(.16)(3.785 L/G) = 4.5 L (X5 = 22.5)
_____ Liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____ Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 7.5'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 7.5'	PURGING INITIATED AT: 1231	PURGING ENDED AT: 1252	TOTAL VOLUME PURGED (Liters): 8.4

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1231	—	—	400	3.02	—	—	—	—	—	—	—
1243	4.8	4.8	400	3.25	6.74	29.23	.336	1.38	10.88	-51.8	Clear
1246	1.2	6.0	400	3.25	6.77	29.24	.324	1.19	7.97	-58.1	Clear
1249	1.2	7.2	400	3.25	6.79	29.25	.323	1.13	7.56	-52.0	Clear
1252	1.2	8.4	400	3.25	6.79	29.25	.324	1.11	5.29	-50.5	Clear
1253	SAMPLE	TIME									

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ KEVIN WEICHERT	SAMPLER(S) SIGNATURES: K. Weichert	SAMPLING INITIATED AT: 1253	SAMPLING ENDED AT: 1310
PUMP OR TUBING DEPTH IN WELL (feet): 7.5'	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: _____	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	~~2~~ 3	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	1	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	~~1~~ 2	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA-25	SITE LOCATION: NAS Jacksonville
WELL NO: MW 16I	SAMPLE ID: JAX-MW16I081308 / DATE: 8/13/08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 20-25'	STATIC DEPTH TO WATER (feet): 1.89	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
SCREEN VOLUME: (5)(.16)(3.785 L/G) = 3.0 L (X5 = 15.0)
_____ Liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
.535 Liters .0014 x 25 + .5

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25	PURGING INITIATED AT: 1156	PURGING ENDED AT: 1331	TOTAL VOLUME PURGED (Liters): 24

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1156	—	—	300	1.89	—	—	—	—	—	—	—
1226	9	9	300	6.95	2.52	27.34	.287	1.74	5.51	327.7	clear
1236	3	12	300	7.04	2.14	27.17	.303	1.47	2.51	309.6	clear
1241	1.5	13.5	300	7.21	2.24	27.04	.316	1.21	1.50	286.5	clear
1246	1.5	15.0	300	7.34	2.43	26.86	.360	0.70	0.78	254.6	clear
1251	1.0	16.0	200	7.14	2.58	27.19	.384	0.56	1.15	239.6	clear
1306	3.0	19.0	200	5.99	6.01	27.43	.466	0.36	0.34	74.4	clear
1311	1.0	20.0	200	5.94	4.88	27.37	.475	0.35	0.32	119.6	clear
1316	1.0	21.0	200	5.91	5.31	27.37	.492	0.37	0.29	75.1	clear
1321	1.0	22 L	200	5.89	5.28	27.07	.483	0.29	0.31	110.4	clear
1326	1.0	23 L	200	5.88	5.27	27.20	.490	0.26	0.32	115.7	clear
1331	Sample time										

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47, 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ Jeff Krone	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1331	SAMPLING ENDED AT: 1342
PUMP OR TUBING DEPTH IN WELL (feet): 24'	SAMPLE PUMP FLOW RATE (mL per minute): 300/200	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	3	CG	40ml	none	none		EDB	SM
2	3	CG	40ml	HCl			8260B	SM
3	1	PE	250ml	HNO3			Lead	APP
4	2	AG	1L	H2SO4			FLPRO	VT
5	2	AG	1L	none	none		8270CPAH	VT

REMARKS: * well was flooded with rain water, had to remove water around wellpoint and well casing. Erratic readings due to storm water

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

Int

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville	
WELL NO: ~~MW-05~~ TF-MW11	SAMPLE ID: ~~JAX25-MW05-2007~~ JAX25-TFMW11-081308	DATE: 8-13-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2.00 ft to 12.00 ft	STATIC DEPTH TO WATER (feet): 2.76	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
(12.00 - 2.76)(.16)(3.785) = 5.6L (X5 = 28L)
_____ Liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____ Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 8'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 8'	PURGING INITIATED AT: 1320	PURGING ENDED AT: 1343	TOTAL VOLUME PURGED (Liters): 9.2

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1320	—	—	400	2.76	—	—	—	—	—	—	—
1334	5.6	5.6	400	2.92	6.17	29.30	.330	1.35	9.37	19.1	yellow
1337	1.2	6.8	400	2.92	6.17	29.40	.321	1.17	5.00	14.5	yellow
1340	1.2	8.0	400	2.92	6.17	29.43	.320	1.08	4.92	12.2	yellow
1343	1.2	9.2	400	2.92	6.16	29.45	.319	1.01	5.08	11.1	yellow
1345	SAMPLE	TIME									

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ KEVIN WEICHERT	SAMPLER(S) SIGNATURES: K-Weichert	SAMPLING INITIATED AT: 1345	SAMPLING ENDED AT: 1400
PUMP OR TUBING DEPTH IN WELL (feet): 8'	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: _____	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	~~2~~ 3	CG	40 ml	None	None	--	EDB	SM
2	3	CG	40 ml	HCl	None		8260B	SM
3	1	PE	250 ml	HNO3	None		Lead	APP
4	2	AG	1 L	H2SO4	None		FLPRO	VT
5	~~1~~ 2	AG	1 L	None	None	--	8270C PAH	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA-25	SITE LOCATION: NAS Jacksonville	
WELL NO: TF-MW48D	SAMPLE ID: JAX25-TFMW48-081308	DATE: 8-13-08

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 31.5-36.5'	STATIC DEPTH TO WATER (feet): 5.35	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
Screen vol = (5)(.16)(3.785 L/G) = 3.0 L Liters (X5 = 15.0L)

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
(37)(.0014)(3.785 L/G) + 1L = 1.2 L Liters (X3 = 3.6)

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 34'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 34'	PURGING INITIATED AT: 1414	PURGING ENDED AT: 1454	TOTAL VOLUME PURGED (Liters): 12.0

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1414	–	–	300	5.35	–	–	–	–	–	–	–
1419	1.5	1.5	300	6.67	1.08	26.08	.224	0.68	53.01	324.7	Cloudy
1424	3.0	4.5	300	6.69	5.74	25.92	.241	1.66	13.55	45.7	cloudy
1434	1.5	6.0	300	6.69	5.77	25.84	.251	1.21	9.06	40.4	clear
1439	1.5	7.5	300	6.68	5.87	25.77	.263	1.61	11.60	33.0	clear
1444	1.5	9.0	300	6.68	5.90	25.77	.262	1.16	14.91	33.7	clear
1449	1.5	10.5	300	6.67	5.94	25.83	.261	1.09	9.25	33.3	clear
1454	1.5	12.0	300	6.67	5.98	25.79	.263	0.87	3.92	29.9	clear
1455	Sample time										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ JEFF KROWE	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1455	SAMPLING ENDED AT: 1512
PUMP OR TUBING DEPTH IN WELL (feet): 34'	SAMPLE PUMP FLOW RATE (mL per minute): 300	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	3	CG	40ml	none	none		EDB	SM
2	3	CG	40ml	HCl			8260B	SM
3	1	PE	250ml	HNO3			Lead	APP
4	2	AG	1L	H2SO4			FLPRO	VT
5	2	AG	1L	none	none		8270 cPAH	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS, Inc.

EQUIPMENT CALIBRATION LOG

PROJECT NAME : PCA 25

INSTRUMENT NAME/MODEL:

SITE NAME:

MANUFACTURER:

PROJECT No.:

SERIAL NUMBER:

	Date of Calibration	Instrument I.D. Number	Person Performing Calibration	Instrument Settings		Instrument Readings		Calibration Standard (Lot No.)	Remarks and Comments
				Pre-calibration	Post-calibration	Pre-calibration	Post-calibration		
YSI 556	8/12/08	07D100941	KW	pH	4.00	3.97	4.00	NONE	NO EXP. DATE
					10.00	9.96	10.00	NONE	" " "
				conduct	1.000	.978	1.000	NONE	" " "
				ORP	240.0	245.3	240.0	NONE	" " "
				D.O.	100	104.3	100.0	—	—
microTPW	8/12/08	200704133	KW	turb.	1000	–	1000	70516	exp NOV 08
					10.0	–	10.0	70514	exp NOV 08
					.02	–	.02	70511	exp NOV 08
YSI 556	8/13/08	07D100941	KW	pH	4.00	4.06	4.00	NONE	no exp. date
					10.00	9.98	10.00	NONE	" " "
				conduct	1.000	.999	1.000	NONE	" " "
				ORP	240.0	236.4	240.0	NONE	" " "
				D.O.	100	105.3	100.0	–	—
microTPW	8/13/08	200704135	KW	turb	1000	–	1000	70516	exp NOV 08
					10.0	–	10.0	70514	exp NOV 08
					.02	–	.02	50511	exp NOV 08

Tetra Tech NUS, Inc.

EQUIPMENT CALIBRATION LOG

PROJECT NAME : PCA-25

INSTRUMENT NAME/MODEL:

SITE NAME:

MANUFACTURER:

PROJECT No.:

SERIAL NUMBER:

	Date of Calibration	Instrument I.D. Number	Person Performing Calibration	Instrument Settings		Instrument Readings		Calibration Standard (Lot No.)	Remarks and Comments
				Pre-calibration	Post-calibration	Pre-calibration	Post-calibration		
YSI	8/12/08	04F114GAEK	JK	4.08	4.00	3.98	4.00	7130-14	pH
	"	"	JK	7.04	7.00	7.04	7.00	none	pH
	"	"	JK	10.00	9.08	9.98	10.00	none	pH
	"	"	JK	1.409	1.355	1.355	1.409	7142-25	conductivity
	"	"	JK	240	240	256.3	240.	03E100139	ORP
	"	"	JK	8.14	7.87	101.9	100		DO
Turbidity micro TPW	8/12/08	200711197	JK	980	1000		2.0	N/A	
YSI	8/13/08	04F114GBAE	JK	4.86	4.00			7130-14	ph 4.0
				6.90	7.00			none	ph 7.0
				9.57	10.00			none	ph 10.0
			1.388	1.40	1.409			7142-25	conductivity
				212	240			(03E)00139	ORP
				99.3	99.9			N/A	DO
Turbidity micro TPW	8/13/08	200711197	JK	980	1000			N/A	Turbidity
					10				
					2				

TETRA TECH NUS, INC.

CHAIN OF CUSTODY

NUMBER 26351

PAGE ____ OF _____

PROJECT NO:	FACILITY: NAS JAX	PROJECT MANAGER: CHARLES METZ	PHONE NUMBER: 904-636-6125	LABORATORY NAME AND CONTACT: COLUMBIA ANALYTICAL
SAMPLERS (SIGNATURE): K. Wilt		FIELD OPERATIONS LEADER: KEVIN WEICHERT	PHONE NUMBER:	ADDRESS:
		CARRIER/WAYBILL NUMBER:		CITY, STATE: JACKSONVILLE, FL

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2008	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAP (G) COMP (C)	No. OF CONTAINERS	EDB	VOCs / 8260B	LEAD / 6010B	FLPRO	PAH / 8270C				COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									G	G	P	G	G				
PRESERVATIVE USED									–	HCl	HNO3	H2SO4	–				
8/12	1005	JAX25-MW02-081208				GW	G	11	3	3	1	2	2				Cool to 4°C
	1039	JAX25-MW04-081208				GW	G	11	3	3	1	2	2				
	1132	JAX25-MW03-081208				GW	G	11	3	3	1	2	2				
	1350	JAX25-MW13-081208				GW	G	11	3	3	1	2	2				
	1442	JAX25-MW14-081208				GW	G	11	3	3	1	2	2				
8/13	0947	JAX25-MW15-081308				GW	G	11	3	3	1	2	2				
	1035	JAX25-MW12-081308				GW	G	11	3	3	1	2	2				
	1205	JAX25-MW09-081308				GW	G	11	3	3	1	2	2				
	1253	JAX25-MW07-081308				GW	G	11	3	3	1	2	2				
	1345	JAX25-TFMW11-081308				GW	G	11	3	3	1	2	2				
	0000	TRIPBLANK				QC		3		3							TRIPBLANK

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY: K. Wilt	8-13-08	1620	1. RECEIVED BY: [signature]	8/13/08	1620
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TINUS-001

TETRA TECH NUS, INC.

CHAIN OF CUSTODY | NUMBER 26350 | PAGE ___ OF ___

PROJECT NO:	FACILITY: NAS JAX	PROJECT MANAGER: CHARLES METZ	PHONE NUMBER: 904 636-6125	LABORATORY NAME AND CONTACT: Columbia Analytical
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER: Kevin Weichert	PHONE NUMBER:	ADDRESS:
		CARRIER/WAYBILL NUMBER: PO# 1036792		CITY, STATE:

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2008	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAP (G) COMP (C)	No. OF CONTAINERS	EDB	VOCs/8260B	Lead/6010B	FLPRD	PAH/8270C				COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									G	G	P	G	G				
PRESERVATIVE USED																	
8/12	1015	Jax25-MW11-20080812 08				GW	G	11	3	3	1	2	2				cool to 4° C
	1145	Jax-TF-MW3-20080812 08				GW	G	11	3	3	1	2	2				
	~~1355~~	~~Jax25-MW01 20080812 08~~				~~GW~~	~~G~~	~~11~~	~~3~~	~~3~~	~~1~~	~~2~~	~~2~~				
	1355	Jax25-MW01 20080812 08				GW	G	22	6	6	2	4	4				MS-MSD
8/13	1331	Jax-25 MW16I 081308				GW	G	11	3	3	1	2	2				
	1455	Jax-25-TF MW48-081308				GW	G	11	3	3	1	2	2				

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY [signature]	8-13-08	1620	1. RECEIVED BY [signature]	8/13/08	1620
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

Tetra Tech NUS, Inc.

Project Name: PCA 25 **Project No.:** 112G00132
Location: NAS JAX **Personnel:** Jeff Krone
Weather Conditions: **Measuring Device:**
Tidally Influenced: Yes **Remarks:**

Well or Piezometer Number	Date	Time	Total Well Depth (feet)*	Water Level Indicator Reading (feet)*	Thickness of Free Product (feet)*	Groundwater Elevation (feet)*	Comments
MW01	11/12/2008	1025	12.5	5.44			
MW02	11/12/2008	1104	12.7	4.43			
MW03	11/12/2008	1056	12.7	4.78			
MW04	11/12/2008	1053	22.6	~~4.24~~ 5.29			
MW05	11/12/2008	1042	12.5 ?	3.82			Spray paint tag "8"
MW07	11/12/2008	1033	10.45	3.97			
MW09	11/12/2008	1029	11	3.96			
MW11	11/12/2008	1106	10.45	4.56			
MW12	11/12/2008	1102	11.4	4.02			
MW13	11/12/2008	1052	12.3	4.12			
MW14	11/12/2008	1049	12.4	4.39			
MW15	11/12/2008	1046	11.5	4.90			
MW16I	11/12/2008	1030	25	4.16			
TF-MW11	11/12/2008	1037	12	3.96			
TF-MW48D	11/12/2008	1031	36.5	4.54			
* TF-MW03	11/12/2008	1026	12.7	4.91			

* All measurements to the nearest 0.01 foot

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

MS - MSD

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville
WELL NO: **MW-09**	SAMPLE ID: JAX25-**MW09-111208**	DATE: 11-12-2008

PURGING DATA

WELL DIAMETER (Inches): 2	TUBING DIAMETER (Inches): 3/16	WELL SCREEN INTERVAL DEPTH: 1.0 ft to 11.0 ft	STATIC DEPTH TO WATER (feet): 3.99	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable) 11 - 4 = 7 x .16 = 1.12 x 3.785 = 4.3 L
_____ Liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____ Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 5.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5.5	PURGING INITIATED AT: 1225	PURGING ENDED AT: 1330	TOTAL VOLUME PURGED (Liters): 10.5

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1255	–	–	300	–	–	–	–	–	–	–	–
1310	4.5	4.5	300	4.28	6.27	26.00	.401	.42	1.92	-132.3	clear
1320	3	7.5	300	4.28	6.27	26.06	.402	.40	1.31	-133.3	clear
1325	1.5	9	300	4.28	6.27	26.04	.402	.42	0.08	-133.5	clear
1328	.9	9.9	300	4.29	6.26	26.03	.402	.41	0.06	-134.3	clear
1330 Sample time											

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ Jeff Krone	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1330	SAMPLING ENDED AT: 1345
PUMP OR TUBING DEPTH IN WELL (feet): 5.5	SAMPLE PUMP FLOW RATE (mL per minute): 300	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: _____	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	3	CG	40 ml	None	None	--	8011 - EDB	SM
2	3	CG	40 ml	HCl	None	<2	8260B - VOCs	SM
3	1	PE	125 ml	HNO3	None	<2	6010B - Lead	APP
4	2	AG	1 L	H2SO4	None	<2	FLPRO	VT
5	2	AG	1 L	None	None	--	8270C - PAHs	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; T = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville
WELL NO: **MW-16I**	SAMPLE ID: JAX25-**MW16I-111208**	DATE: 11-12-2008

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 20.0 ft to 25.0 ft	STATIC DEPTH TO WATER (feet): 4.69	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
_____Liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable) ·0014 x 25 .035 + .5 = .535 x 3.785 = 2.1L
_____Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 22'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 22'	PURGING INITIATED AT: 1415	PURGING ENDED AT: 1445	TOTAL VOLUME PURGED (Liters): 9

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1415	—	—	300	—	—	—	—	—	—	—	—
1422	2.1	2.1	300	6.29	6.79	25.07	.292	.95	1.07	-122.9	clear
1425	.9	~~2.5~~ 3.0	300	6.59	6.69	25.12	.188	.67	0.89	-127.0	clear
1440	~~4.5~~ 3	~~7.5~~ 6.0	200*	6.59	6.35	24.34	.122	.51	0.59	-127.0	clear
1443	~~3.6~~	~~8.4~~ 6.6	200	6.60	6.33	24.02	.118	.46	0.38	-126.8	clear
1445	.4	7.0	200	6.60	6.32	24.16	.118	.44	0.09	-127.7	clear
1445 Sample time											

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ Jeff Krone	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1445	SAMPLING ENDED AT: 1500
PUMP OR TUBING DEPTH IN WELL (feet): 22	SAMPLE PUMP FLOW RATE (mL per minute): 300	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: _____	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	3	CG	40 ml	None	None	--	8011 - EDB	SM
2	3	CG	40 ml	HCl	None	<2	8260B - VOCs	SM
3	1	PE	125 ml	HNO3	None	<2	6010B - Lead	APP
4	2	AG	1 L	H2SO4	None	<2	FLPRO	VT
5	2	AG	1 L	None	None	--	8270C - PAHs	VT

REMARKS: * Reduced flow rate to stabilize water level

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville	
WELL NO: MW-03	SAMPLE ID: JAX25-MW03-111208	DATE: 11-12-2008

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2.7 ft to 12.7 ft	STATIC DEPTH TO WATER (feet): 4.96	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
only fill out if applicable)
12.7 - 4.96 = 7.74 x .16 = 1.24 x 3.785 = = 4.7L
_____Liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
_____ Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 6'	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6'	PURGING INITIATED AT: 1520	PURGING ENDED AT: 1551	TOTAL VOLUME PURGED (Liters): 12 L

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1520	–	–	300	4.96							
1536	4.8	4.8	300	4.99	6.61	24.74	.718	.22	9.97	-266.6	Clear
1541	1.5	6.3	300	4.98	6.60	24.67	.716	.21	8.23	-269.2	clear
1546	1.5	7.8	300	4.98	6.59	24.65	.715	.20	7.68	-268.7	clear
1551	1.5	9.3	300	4.98	6.59	24.64	.714	.21	4.39	-271.7	clear
1600	Sample time										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ Jeff Krone	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1600	SAMPLING ENDED AT: 1620
PUMP OR TUBING DEPTH IN WELL (feet): 6'	SAMPLE PUMP FLOW RATE (mL per minute): 300	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type: _____	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	3	CG	40 ml	None	None	--	8011 - EDB	SM
2	3	CG	40 ml	HCl	None	<2	8260B - VOCs	SM
3	1	PE	125 ml	HNO3	None	<2	6010B - Lead	APP
4	2	AG	1 L	H2SO4	None	<2	FLPRO	VT
5	2	AG	1 L	None	None	--	8270C - PAHs	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; T = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS / FDEP Groundwater Sampling Sheet

SITE NAME: PCA 25	SITE LOCATION: NAS Jacksonville	
WELL NO: TFMW-11	SAMPLE ID: JAX25-TFMW11-111208	DATE: 11-12-2008

PURGING DATA

WELL DIAMETER (Inches): 2	TUBING DIAMETER (inches): 3/16	WELL SCREEN INTERVAL DEPTH: 2.0 ft to 12.0 ft	STATIC DEPTH TO WATER (feet): 4.02	PURGE PUMP TYPE OR BAILER: Peristaltic Pump

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
12 - 4.02 = 7.98 x .16 = 1.276 x 3.785 = 4.9 L
Liters

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)
Liters

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~~3~~ 5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 5	PURGING INITIATED AT: 1115	PURGING ENDED AT: 1215	TOTAL VOLUME PURGED (Liters): 20.7

TIME	VOLUME PURGED (Liters)	CUMUL. VOLUME PURGED (Liters)	PURGE RATE (mlpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	ORP (mV)	COLOR (describe)
1115	–	-	300	4.02	—	—	—	—	—	—	—
1205	15	15	300	4.22	6.73	26.34	.371	1.97	0.98	-71.5	clear
1208	~~15.2~~ 15	15.9	300	4.22	6.74	26.34	.373	2.07	0.93	-70.0	clear
1211	.9	16.8	300	4.23	6.74	26.27	.372	2.06	0.91	-71.4	clear
1214	.9	17.7	300	4.23	6.75	26.27	.371	1.98	0.82	-67.8	clear
1215	Sample time										

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: TtNUS/ Jeff Krone	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT: 1215	SAMPLING ENDED AT: 1230
PUMP OR TUBING DEPTH IN WELL (feet): 5	SAMPLE PUMP FLOW RATE (mL per minute): 300	TUBING MATERIAL CODE: Teflon	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N) FILTER SIZE: ____ µm Filtration Equipment Type:	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		
1	3	CG	40 ml	None	None	--	8011 - EDB	SM
2	3	CG	40 ml	HCl	None	<2	8260B - VOCs	SM
3	1	PE	125 ml	HNO3	None	<2	6010B - Lead	APP
4	2	AG	1 L	H2SO4	None	<2	FLPRO	VT
5	2	AG	1 L	None	None	--	8270C - PAHs	VT

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; T = Teflon; **O** = Other (Specify)

SAMPLING/PURGING EQUIPMENT CODES: **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump; **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

Tetra Tech NUS, Inc.

EQUIPMENT CALIBRATION LOG

PROJECT NAME : PCA-25

INSTRUMENT NAME/MODEL:

SITE NAME:

MANUFACTURER:

PROJECT No.:

SERIAL NUMBER:

	Date of Calibration	Instrument I.D. Number	Person Performing Calibration	Instrument Settings Pre-calibration	Instrument Settings Post-calibration	Instrument Readings Pre-calibration	Instrument Readings Post-calibration	Calibration Standard (Lot No.)	Remarks and Comments
YSI	8/12/08	04F1146AEX	JK	4.08	4.00	3.98	4.00	7130-14	pH
	"	"	K	7.04	7.00	7.04	7.00	none	pH
	"	"	JK	10.00	9.08	9.08	10.00	none	pH
	"	"	K	1.409	1.355	1.335	1.409	7142-25	conductivity
	"	"	JK	240	210	256.3	240.	08E100139	ORP
	"	"	K	8.14	7.97	101.9	100		137 DO
Turbidity micro TPW	8/12/08	20071197	K	980	1000		2.0	N/A	
YSI	8/13/08	04F1146AEF	JK	4.86	4.00			7130-14	ph 4.0
				6.90	7.00			none	ph 7.0
				9.57	10.00			none	ph 10.0
			1.388	1.40	1.409			7142-25	conductivity
				212	240			08E100139	ORP
				99.3	99.9			N/A	DO
Turbidity micro TPW	8/13/08	20071197	JK	980	1000			N/A	Turbidity
					10				
					2				
YSI	11/12/08	07D100941	JK	pH 4		4.02	4.00	6241	exp 4/4/2009
				pH 7		7.16	7.00	8133	exp 6/4/10
				pH 10		10.20	10.00	8137	exp 5/27/09
				cond 1.409	1.413	1.392	1.413	8123	exp 5/12/10
				ORP		222.1	240	08D100098	exp 4/2010
				D.0	766.2	96.5	100		
micro TPW	11/12/08	20070433		1000		1003	1000	70516	exp 11/08
				10		9.83	10.0	70514	exp 11/08
				.02		0.08	0.02	70511	" " "

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 2340 | PAGE 1 OF 1

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
112000132	NAS JAX	Charles Metz	904 636-6125	Columbia Analytical
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER: Jeff Krone	PHONE NUMBER: 904 636-6125	ADDRESS
		CARRIER/WAYBILL NUMBER: N/A		CITY, STATE: Jacksonville, Fl

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2008	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	EDB	VOC's/8260B	Lead/6010B	FL PRO	PAH/8270C				COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									G	G	G	P	G	G			
PRESERVATIVE USED									—	HCl	HNO3	H2SO4	—				
11/12	1215	JAX25-TF MW11-111208				GW	G	11	3	3	1	2	2				cool to 4°C
11/12	1330	JAX25-MW09-111208				GW	G	22	6	6	2	4	4				MS-MSD
11/12	1445	JAX25-MW16I-111208				GW	G	11	3	3	1	2	2				
11/12	1600	JAX25-MW03-111208				GW	G	11	3	3	1	2	2				
		Trip Blank						1									

1. RELINQUISHED BY	DATE	TIME	1. RECEIVED BY	DATE	TIME
	11/12/08	1750		11-12-08	1750
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

APPENDIX D

WELL COMPLETION LOGS AND WELL DEVELOPMENT RECORDS

Tetra Tech NUS, Inc.

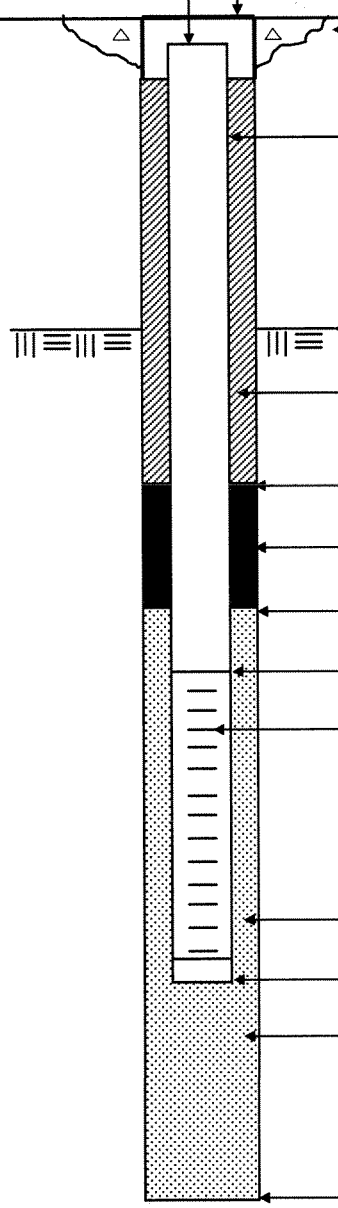
WELL No.: _____

MONITORING WELL SHEET

PROJECT:	PCA 25	DRILLING Co.:	MILLER	BORING No.:	SB31
PROJECT No.:	112G00132	DRILLER:	JASON BOGGS	DATE COMPLETED:	4/20/06
SITE:	NAS JAX	DRILLING METHOD:	HSA	NORTHING:	
GEOLOGIST:	A. PATE	DEV. METHOD:	SUBMERSIBLE	EASTING:	

Ground Elevation =

Datum:



Not to Scale

Elevation / Depth of Top of Riser:	16"
Elevation / Height of Top of Surface Casing:	FLUSH
I.D. of Surface Casing:	8"
Type of Surface Casing:	STEEL
Type of Surface Seal:	GROUT & BENTONITE
I.D. of Riser:	2"
Type of Riser:	PVC
Borehole Diameter:	4.25'
Elevation / Depth Top of Rock:	NA
Type of Backfill:	GROUT
Elevation / Depth of Seal:	11'
Type of Seal:	30/65
Elevation / Depth of Top of Filter Pack:	12'
Elevation / Depth of Top of Screen:	13'
Type of Screen:	~~0.01~~ PVC
Slot Size x Length:	0.01 / 10'
I.D. of Screen:	2"
Type of Filter Pack:	20/30 SAND
Elevation / Depth of Bottom of Screen:	13'
Elevation / Depth of Bottom of Filter Pack:	13.5
Type of Backfill Below Well:	
Elevation / Total Depth of Borehole:	13'

Tetra Tech NUS, Inc.

WELL No.: MW01

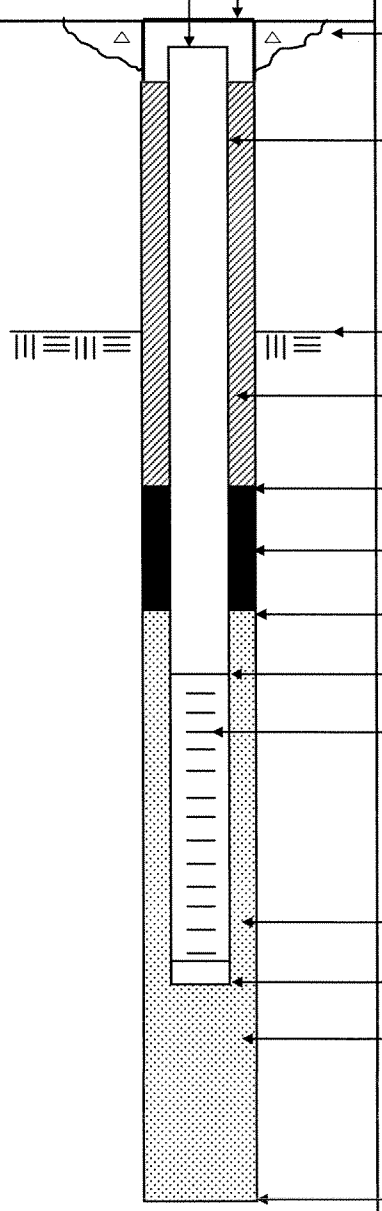
MONITORING WELL SHEET

PROJECT:	PCA 25	DRILLING Co.:	MILLER	BORING No.:	
PROJECT No.:	N0132	DRILLER:	JAY JACOBS	DATE COMPLETED:	11/17/05
SITE:	NAS JAX	DRILLING METHOD:	HSA	NORTHING:	
GEOLOGIST:	A. PATE	DEV. METHOD:	SUBMERS.	EASTING:	

MW01

Ground Elevation =

Datum:



Not to Scale

Elevation / Depth of Top of Riser:	/
Elevation / Height of Top of Surface Casing:	FLUSH /
I.D. of Surface Casing:	8"
Type of Surface Casing:	STEEL
Type of Surface Seal:	GROUT/BENTONITE
I.D. of Riser:	2"
Type of Riser:	PVC
Borehole Diameter:	4.25"
Elevation / Depth Top of Rock:	NA /
Type of Backfill:	
Elevation / Depth of Seal:	/ 1'
Type of Seal:	30/65 SAND
Elevation / Depth of Top of Filter Pack:	/ 2'
Elevation / Depth of Top of Screen:	/ 3'
Type of Screen:	PVC
Slot Size x Length:	0.010/ 10 ft.
I.D. of Screen:	2"
Type of Filter Pack:	20/30 SAND
Elevation / Depth of Bottom of Screen:	/ 13'
Elevation / Depth of Bottom of Filter Pack:	/ 13'
Type of Backfill Below Well:	
Elevation / Total Depth of Borehole:	/ 13'

Tetra Tech NUS, Inc.

WELL No.: MW02

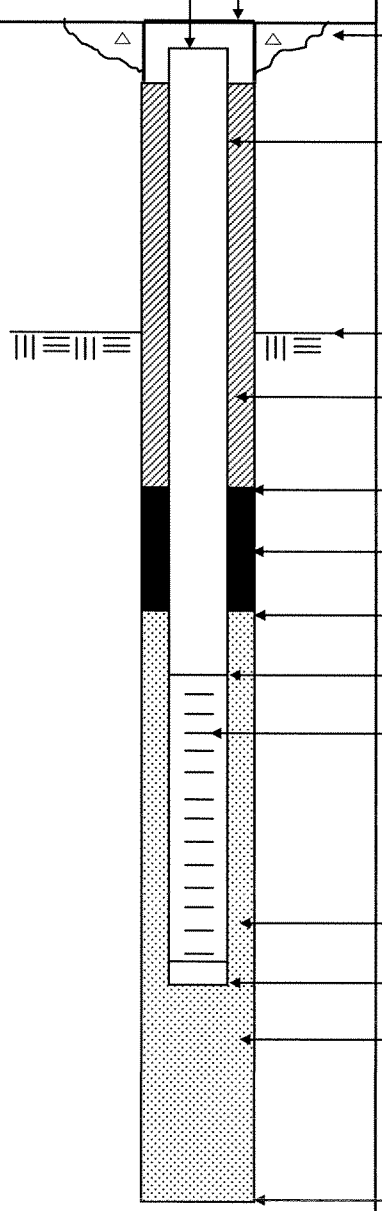
MONITORING WELL SHEET

PROJECT:	PCA 25	DRILLING Co.:	MILLER	BORING No.:	SB09
PROJECT No.:	N0132	DRILLER:	JAY JACOBS	DATE COMPLETED:	11/15/05
SITE:	NAS JAX	DRILLING METHOD:	HSA	NORTHING:	
GEOLOGIST:	A. PATE	DEV. METHOD:	SUBMERSIBLE	EASTING:	

MW02

Ground Elevation =

Datum:



Not to Scale

Elevation / Depth of Top of Riser: /

Elevation / Height of Top of Surface Casing: /

I.D. of Surface Casing: 8"

Type of Surface Casing: STEEL/FLUSH

Type of Surface Seal: GROUT & BENTONITE

I.D. of Riser: 2"

Type of Riser: PVC

Borehole Diameter: 4.25"

Elevation / Depth Top of Rock: / NA

Type of Backfill: GROUT & BENTONITE

Elevation / Depth of Seal: / 1'

Type of Seal: 30/65 SAND

Elevation / Depth of Top of Filter Pack: / 2'

Elevation / Depth of Top of Screen: / 3'

Type of Screen: PVC

Slot Size x Length: 0.010/10ft.

I.D. of Screen: 2"

Type of Filter Pack: 20/30 SAND

Elevation / Depth of Bottom of Screen: / 13'

Elevation / Depth of Bottom of Filter Pack: / 13'

Type of Backfill Below Well: NATIVE MATERIAL & SAND

Elevation / Total Depth of Borehole: / 13'

Tetra Tech NUS, Inc.

WELL No.: MW03

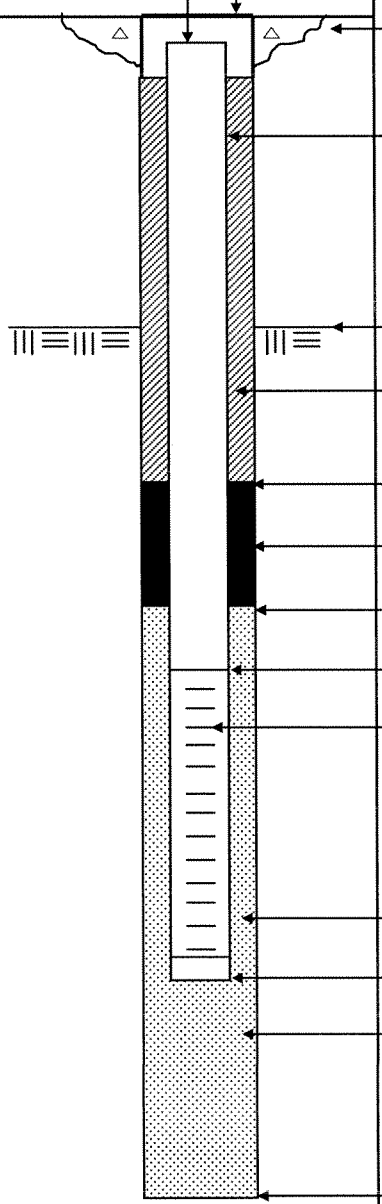
MONITORING WELL SHEET

PROJECT:	PCA 25	DRILLING Co.:	MILLER	BORING No.:	SB11
PROJECT No.:	N0132	DRILLER:	JAY JACOBS	DATE COMPLETED:	11/15/05
SITE:	NAS JAX	DRILLING METHOD:	HSA	NORTHING:	
GEOLOGIST:	A. PATE	DEV. METHOD:	SUBMERSIBLE	EASTING:	

MW03

Ground Elevation =

Datum:



Not to Scale

Elevation / Depth of Top of Riser: '/

Elevation / Height of Top of Surface Casing: FLUSH /

I.D. of Surface Casing: 8"

Type of Surface Casing: STEEL/FLUSH

Type of Surface Seal: GROUT & BENTONITE

I.D. of Riser: 2"

Type of Riser: PVC

Borehole Diameter: 4.25

Elevation / Depth Top of Rock: /NA

Type of Backfill: GROUT & BENTONITE

Elevation / Depth of Seal: /1'

Type of Seal: 30/65 SAND

Elevation / Depth of Top of Filter Pack: /2'

Elevation / Depth of Top of Screen: /3'

Type of Screen: PVC

Slot Size x Length: 0.010/10ft.

I.D. of Screen: 2"

Type of Filter Pack: 20/30 SAND

Elevation / Depth of Bottom of Screen: /13'

Elevation / Depth of Bottom of Filter Pack: /13'

Type of Backfill Below Well:

Elevation / Total Depth of Borehole: /13'

Tetra Tech NUS, Inc.

WELL No.: MW04

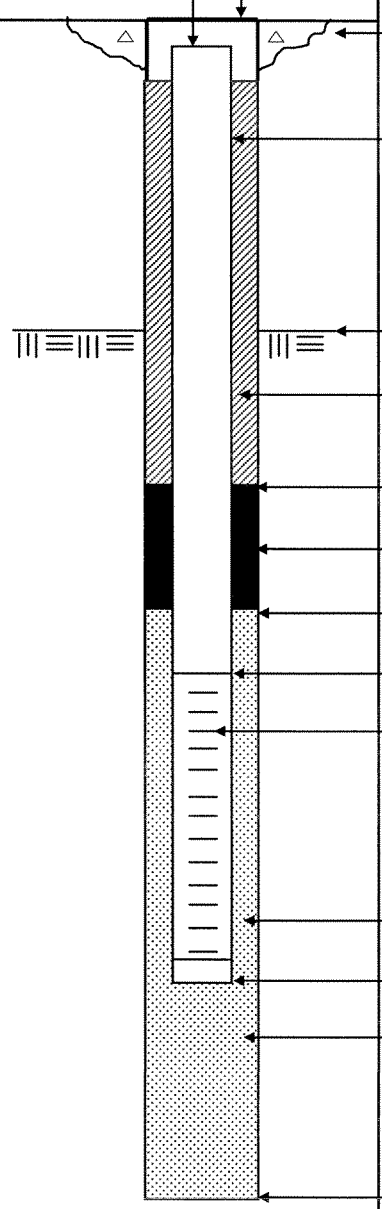
MONITORING WELL SHEET

PROJECT:	PCA 25	DRILLING Co.:	MILLER	BORING No.:	SB11
PROJECT No.:	N0132	DRILLER:	JAY JACOBS	DATE COMPLETED:	11/17/05
SITE:	NAS JAX	DRILLING METHOD:	HSA	NORTHING:	
GEOLOGIST:	A. PATE	DEV. METHOD:	SUBMERSIBLE	EASTING:	

MW04

Ground Elevation =

Datum:



Not to Scale

Elevation / Depth of Top of Riser:	/
Elevation / Height of Top of Surface Casing:	FLUSH /
I.D. of Surface Casing:	8"
Type of Surface Casing:	STEEL
Type of Surface Seal:	GROUT/BENTONITE
I.D. of Riser:	2"
Type of Riser:	PVC
Borehole Diameter:	4.25
Elevation / Depth Top of Rock:	/ NA
Type of Backfill:	GROUT
Elevation / Depth of Seal:	116'
Type of Seal:	30/65 SAND
Elevation / Depth of Top of Filter Pack:	118'
Elevation / Depth of Top of Screen:	119'
Type of Screen:	PVC
Slot Size x Length:	0.010/10 ft.
I.D. of Screen:	2"
Type of Filter Pack:	20/30 SAND
Elevation / Depth of Bottom of Screen:	124'
Elevation / Depth of Bottom of Filter Pack:	124'
Type of Backfill Below Well:	
Elevation / Total Depth of Borehole:	124'

Tetra Tech NUS, Inc.

WELL No.: MW05

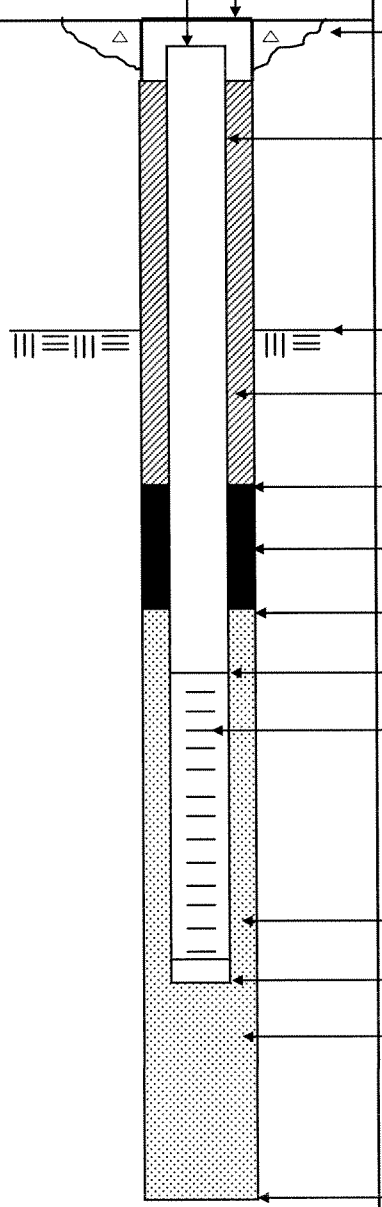
MONITORING WELL SHEET

PROJECT:	PCA 25	DRILLING Co.:	MILLER	BORING No.:	SB08 → MW05
PROJECT No.:	N0132	DRILLER:	JAY JACOBS	DATE COMPLETED:	11/15/05
SITE:	NAS JAX	DRILLING METHOD:	HSA	NORTHING:	
GEOLOGIST:	A. PATE	DEV. METHOD:	SUBMERSIBLE	EASTING:	

MW05

Ground Elevation =

Datum:



Not to Scale

Elevation / Depth of Top of Riser:	/
Elevation / Height of Top of Surface Casing:	/
I.D. of Surface Casing:	8"
Type of Surface Casing:	8" STEEL
Type of Surface Seal:	GROUT
I.D. of Riser:	2"
Type of Riser:	PVC
Borehole Diameter:	4.25"
Elevation / Depth Top of Rock:	/ NA
Type of Backfill:	SAND & GROUT
Elevation / Depth of Seal:	/ 1'
Type of Seal:	30/65 SAND
Elevation / Depth of Top of Filter Pack:	/ 2'
Elevation / Depth of Top of Screen:	/ 3'
Type of Screen:	PVC SLOTTED
Slot Size x Length:	0.010 / 10'
I.D. of Screen:	2"
Type of Filter Pack:	20/30 SAND
Elevation / Depth of Bottom of Screen:	/ 13'
Elevation / Depth of Bottom of Filter Pack:	/ 13'
Type of Backfill Below Well:	
Elevation / Total Depth of Borehole:	/ 13'

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Page ___ of _____

Site: PCA 25
Well: MW01
Date Installed: 11/17/05
Date Developed: 12/1/05
Dev. Method: SUBMERSIBLE
Pump Type: WALE

Depth to Bottom (ft.): 13ft.
Static Water Level Before (ft.): 5.69
Static Water Level After (ft.): _____
Screen Length (ft.): 10ft.
Specific Capacity: _____
Casing ID (in.): 2"

Project Name: PCA 25 SA
Project Number: 112G00132
Site Geologist: A. PATE
Drilling Co.: MILLER.

Time	Estimated Sediment Thickness (Ft.)	Cumulative Water Volume (Gal.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units _____)	Turbidity (NTU)	Remarks (odor, color, etc.)
1045	0.6	–		25.45	6.47	556	7999	PURGED DRY @ 1055
1055	DRY			–				
1100				–				RECHARGED 4'
1105				25.47	6.45	555	7999	
1110				25.49	6.44	555	7999	
1115				25.46	6.46	552	780	

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Page ___ of _____

Site: PCA 25
Well: MW102
Date Installed: 11/15/05
Date Developed: 11/17/05
Dev. Method: SUBMERSIBLE
Pump Type: WALE

Depth to Bottom (ft.): 13ft.
Static Water Level Before (ft.): 4.53
Static Water Level After (ft.): 5.05
Screen Length (ft.): 10ft.
Specific Capacity:
Casing ID (in.): 2"

Project Name: PCA 25
Project Number: 112G00132
Site Geologist: A. PATE
Drilling Co.: MILLER

Time	Estimated Sediment Thickness (Ft.)	Cumulative Water Volume (Gal.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units _____)	Turbidity (NTU)	Remarks (odor, color, etc.)
1340	0.3	–	4.53	24.99	6.70	1250	7999	
1345	0	–	–	25.59	6.50	1165	175	
1350	0	–	–	25.53	6.53	1088	135	
1355	0	–	–	25.51	6.52	1057	36	
1400	0	–	–	25.50	6.52	1047	18	
1405	0	–	–	25.50	6.51	1043	17	
			5.05					

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Page ___ of _____

Site: PCA 25
Well: MW03
Date Installed: 11/15/05
Date Developed: 11/17/05
Dev. Method: SUBMERSIBLE
Pump Type: WALE

Depth to Bottom (ft.): 13ft.
Static Water Level Before (ft.): 3.40
Static Water Level After (ft.): 3.92
Screen Length (ft.): 10ft.
Specific Capacity:
Casing ID (in.): 2"

Project Name: PCA 25
Project Number: 112G00132
Site Geologist: A. PATE
Drilling Co.: MILLER

Time	Estimated Sediment Thickness (Ft.)	Cumulative Water Volume (Gal.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units _____)	Turbidity (NTU)	Remarks (odor, color, etc.)
1415	0.4	–	3.40	24.85	6.77	953	>999	
1420	0	–	–	24.54	6.59	760	160	
1425	0	–	–	25.52	6.57	746	65	
1430	0	–	–	25.48	6.56	732	32	
1435	0	–	–	25.48	6.56	731	24	
1440	0	–	–	25.47	6.54	727	20	
1445	0	–	–	25.46	6.55	721	15	
			3.92					

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Page ___ of _____

Site: PCA 25
Well: MW04
Date Installed: 11/17/05
Date Developed: 12/1/05
Dev. Method: SUBMERSIBLE
Pump Type: WALE

Depth to Bottom (ft.): 24ft.
Static Water Level Before (ft.): 5.56
Static Water Level After (ft.):
Screen Length (ft.): 5'
Specific Capacity:
Casing ID (in.): 2"

Project Name: PCA 25
Project Number: 112G00132
Site Geologist: A. PATE
Drilling Co.: MILLER

Time	Estimated Sediment Thickness (Ft.)	Cumulative Water Volume (Gal.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units _____)	Turbidity (NTU)	Remarks (odor, color, etc.)
1200	0.3	–						PUMPED DRY @ 1205 - RECHARGE
1205	DRY							IS FAST WILL COLLECT.
1215				25.48	6.90	637	50	READINGS AT 5 MIN INT.
1220				25.57	6.88	618	27	
1225				25.58	6.87	612	20	
1230				25.56	6.87	617	13	LET RECHARGE EVERY 5 MIN
1235				25.58	6.86	616	10	~~COLLAP~~ DEV. UNTIL DRY
								AND TOOK READINGS

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Site: PCA 25
Well: MW05
Date Installed: 11/15/05
Date Developed: 11/17/05
Dev. Method: SUBMERSIBLE
Pump Type: WALE

Depth to Bottom (ft.): 13ft.
Static Water Level Before (ft.): 3.98
Static Water Level After (ft.): 4.25
Screen Length (ft.): 10ft.
Specific Capacity:
Casing ID (in.): 2"

Project Name: PCA 25
Project Number: 112G00132
Site Geologist: A. PATE
Drilling Co.: MILLER

Time	Estimated Sediment Thickness (Ft.)	Cumulative Water Volume (Gal.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units _____)	Turbidity (NTU)	Remarks (odor, color, etc.)
1310	0.3	–	3.98	25.01	7.40	327	70	
1315	0	–	–	25.06	7.45	322	50	
1320	0	–	–	25.08	7.47	318	13	
1325	0	–	–	25.11	7.46	322	10	
1330	0	–	–	25.12	7.45	324	9	
			4.25					

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Page ___ of _____

Site: PCA 25
Well: MW 14
Date Installed: 4/20/06
Date Developed: 4/21/06
Dev. Method: SUBMERSIBLE
Pump Type: WHALE

Depth to Bottom (ft.): 12.4
Static Water Level Before (ft.): 4.85
Static Water Level After (ft.): _____
Screen Length (ft.): 10'
Specific Capacity: _____
Casing ID (in.): 2"

Project Name: PCA 25
Project Number: 112G00132
Site Geologist: A. PATE
Drilling Co.: MILLER

Time	Estimated Sediment Thickness (Ft.)	Cumulative Water Volume (Gal.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units _____)	Turbidity (NTU)	Remarks (odor, color, etc.)
0855			4.85				7999	
0900			7.24				270	
0910			8.70				160	
0920			8.72				70	
0930			8.72					
0940			8.72					

APPENDIX E

FIXED-BASE LABORATORY RESULTS FOR SOIL

OCTOBER 2005

TETRA TECH NUS, INC.
CTO 003 NAS JACKSONVILLE
WV5725

KATAHDIN ANALYTICAL SERVICES, INC.
340 COUNTY ROAD 5
WESTBROOK, ME 04092

TABLE OF CONTENTS

Total number of pages: 238

SAMPLE DATA PACKAGE		0000001		
Narrative	----------	0000002	to	0000004
Supporting Documents	----------	0000005	to	0000005
Chain of Custody Record	----------	0000006	to	0000006
Login Report	----------	0000007	to	0000008
SAMPLE DATA SUMMARY				
Report of Analytical Results	----------	A0000001	to	A0000096
VOLATILE DATA		1000001		
QC Summary	----------	1000002	to	1000030
Sample Data	----------	1000031	to	1000041
Standards Data	----------	1000042	to	1000047
Logbooks and Supporting Documents	----------	1000048	to	1000055
SEMIVOLATILE DATA		2000001		
QC Summary	----------	2000002	to	2000013
Sample Data	----------	2000014	to	2000026
Standards Data	----------	2000027	to	2000030
Logbooks and Supporting Documents	----------	2000031	to	2000035
PETROLEUM RANGE ORGANICS DATA		3000001		
QC Summary	----------	3000002	to	3000008
Sample Data	----------	3000009	to	3000017
Standards Data	----------	3000018	to	3000024
Logbooks and Supporting Documents	----------	3000025	to	3000029
CONVENTIONAL AND PHYSICAL ANALYTICAL DATA		5000001		
QC Summary	----------	5000002	to	5000004
Sample Data	----------	5000005	to	5000012
Raw Data	----------	5000013	to	5000015

SAMPLE DATA PACKAGE

SDG NARRATIVE
KATAHDIN ANALYTICAL SERVICES
TETRA TECH NUS
CASE CTO 003 NAS JACKSONVILLE
WV5725
TASK ORDER MANAGER: GREG ROOF

Sample Receipt

The following samples were received on October 28, 2005 and were logged in under Katahdin Analytical Services work order number WV5725 for a hardcopy due date of November 10, 2005.

KATAHDIN Sample No.	TTNUS Sample Identification
WV5725-1	JAX-PCA25-SB01-S03
WV5725-2	JAX-PCA25-SB02-S05
WV5725-3	JAX-PCA25-SB01-S05
WV5725-4	JAX-PCA25-SB09-S03
WV5725-5	JAX-PCA25-SB11-S03
WV5725-6	JAX-PCA25-SB14-S03
WV5725-7	JAX-PCA25-SB17-S03
WV5725-8	JAX-PCA25-TB01

The samples were logged in for the analyses specified on the chain of custody form. All problems encountered and resolved during sample receipt have been documented on the applicable chain of custody forms.

We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in this narrative or in the Report of Analysis.

Sample analyses have been performed by the methods as noted herein.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact your Katahdin Analytical Services Project Manager, **Andrea J. Colby**. This narrative is an integral part of the Report of Analysis.

Organics Analysis

The samples of work order WV5725 were analyzed in accordance with "Test Methods for Evaluating Solid Wastes: Physical/Chemical Methods." SW-846. 2nd edition, 1982 (revised 1984), 3rd edition, 1986, and Updates I, II, IIA, and III 1996, Office of Solid Waste and Emergency Response, U.S. EPA and/or Method for Determination of Petroleum Range Organics (Method #FL-PRO), Florida Department of Environmental Protection, November 1, 1995, for the specific methods listed below or on the Report of Analysis. Some manual integrations may have been performed due to split peaks and/or corrected baselines. All have been flagged with a "M" (software-generated) on the pertinent quantitation reports.

8260B Analysis

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are statistically derived for the full list of spiked compounds. The recoveries of the spiked analytes in the LCS, Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are compared to these acceptance limits. Katahdin standard operating procedure is not to take corrective action until greater than ten percent of the spiked analytes (with the exception of the common laboratory contaminants acetone and methylene chloride) in the LCS are outside of the QC limits.

The initial analysis of sample WV5725-1 had low responses for all four internal standards, which was outside the laboratory acceptance limit of -50% to 100% of the response of the internal standard of the daily calibration verification standard. The sample also had a high recovery for one surrogate, which was outside of the laboratory established acceptance limits. The sample was reanalyzed and had low responses for two internal standards, indicating a matrix effect. The results for both analyses are being reported.

Sample WV5725-6 was reanalyzed due to surrogate and internal standard failures. The reanalysis was analyzed within hold time and met all QC acceptance limits. Only the reanalysis is being reported.

Sample WV5725-8 had a high recovery for one surrogate, which was outside of the method acceptance limits. Since a high recovery would indicate a high bias and there were no target analytes detected above the PQL in the sample, the sample was not reanalyzed.

8270C SIM Analysis

The laboratory control sample duplicate WG22579-3 had a low response for one internal standard, which was outside the laboratory acceptance limit of -50% to 100% of the response of the internal standard of the daily calibration verification standard. Since the recoveries of the spiked target analytes were acceptable, the associated samples were not reextracted.

Sample WV5725-6DL had a low response for one internal standard, which was outside the laboratory acceptance limit of -50% to 100% of the response of the internal standard of the daily calibration verification standard. Since the undiluted analysis of this sample was acceptable, the sample was not reanalyzed.

8015M-FLPRO Analysis

The target range PRO may have been detected above the MDL in the method blank. Any PRO that was also detected in any of the associated samples was flagged with a "V" qualifier indicating that the analyte was detected in the method blank analyzed and/or extracted concurrently with the sample.

The laboratory control sample (LCS) WG22382-2 and sample WV5725-5 had low recoveries for the extraction surrogate o-terphenyl, which were outside of the method acceptance limits. Since the recoveries for the second surrogate, n-triacontane-D_{62}, were within the acceptance limits, no further corrective action was taken.

The LCSD WG22382-3 had a low PRO recovery, which was outside of the method acceptance limits. Since the PRO recovery in the LCS WG22382-2 was within the acceptance limits, no further corrective action was taken.

The calibration verification standard (CV) (file CVK2085) had a low response for the individual hydrocarbon C_{40}, which was greater than 25%. Since the method requirement applies to only the PRO range response, which was acceptable, the associated samples were not reanalyzed.

The CV (file CVK2089) had a high response for the individual hydrocarbons C_{14}, which was greater than 25%. Since the method requirement applies to only the PRO range response, which was acceptable, the associated sample was not reanalyzed.

There were no other protocol deviations or observations noted by the organics laboratory staff.

Wet Chemistry Analysis

The samples of Work Order WV5725 were analyzed in accordance with the specific methods listed on the Report of Analysis.

Analyses for total solids were performed according to "U.S. EPA Contract Laboratory Program Statement of Work for Inorganic Analysis", SOW 7/88.

All analyses were performed within analytical holding times, and all quality control criteria were met.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Operations Manager or the Quality Assurance Officer as verified by the following signature.

Leslie Dimond
11·18·05

Leslie Dimond
Quality Assurance Officer

KATAHDIN ANALYTICAL SERVICES, INC.
SAMPLE RECEIPT CONDITION REPORT
Tel. (207) 874-2400
Fax (207) 775-4029

LAB (WORK ORDER) # WV5725

PAGE: 1 OF 1

COOLER: 1 OF 1

COC#
SDG#
DATE / TIME RECEIVED: 10/28/05 0900
DELIVERED BY: Fedex
RECEIVED BY: SNZ
LIMS ENTRY BY: ~~SNZ~~ AMB
LIMS REVIEW BY / PM: AJC

CLIENT: TT Jacksonville

PROJECT:

	YES	NO	EXCEPTIONS	COMMENTS	RESOLUTION
1. CUSTODY SEALS PRESENT / INTACT?	☒	☐	☐		
2.CHAIN OF CUSTODY PRESENT IN THIS COOLER?	☒	☐	☐		
3. CHAIN OF CUSTODY SIGNED BY CLIENT?	☒	☐	☐		
4. CHAIN OF CUSTODY MATCHES SAMPLES?	☒	☐	☐		
5. TEMPERATURE BLANKS PRESENT?	☐	☒	☐	TEMP BLANK TEMP (°C)=	
6. SAMPLES RECEIVED AT 4°C +/- 2? ICE / ICE PACKS PRESENT Y or N?	☒	☐	☐	COOLER TEMP (°C)= 3.9 NA (RECORD COOLER TEMP ONLY IF TEMP BLANK IS NOT PRESENT)	
7. VOLATILES FREE OF HEADSPACE?	☒	☐	☐		
8. TRIP BLANK PRESENT IN THIS COOLER	☒	☐	☐		
9. PROPER SAMPLE CONTAINERS AND VOLUME?	☒	☐	☐		
10. SAMPLES WITHIN HOLD TIME UPON RECEIPT?	☒	☐	☐		
11. SAMPLES PROPERLY PRESERVED(1)?	☒	☐	☐		
12. CORRECTIVE ACTION REPORT FILED?	☐	☒	N/A		

13. ANALYTICAL PROGRAMS (CIRCLE ONE) COMMERCIAL CLP HAZWRAP NFESC ACOE AFCEE OTHER (STATE OF ORIGIN):

LOG - IN NOTES(1):

(1) Use this space (and additional sheets if necessary) to document samples that are received broken or compromised, C-O-C discrepancies, radiation checks, residual chlorine check, results of pH check if required. If samples required pH adjustment, record volume and type of preservative added.

000009

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 3050 | PAGE 1 OF 1

PROJECT NO: 112G00132	FACILITY: PCA25/JAX NAS	PROJECT MANAGER: GREG ROOF	PHONE NUMBER: (904)636-6125	LABORATORY NAME AND CONTACT: KATAHDIN - ANDREA COLBY
SAMPLERS (SIGNATURE): Shana A. Ballard, Alan Pate		FIELD OPERATIONS LEADER: ALAN PATE	PHONE NUMBER: (904)636-6125	ADDRESS: 340 COUNTY ROAD NO. 5
		CARRIER/WAYBILL NUMBER: FEDEX 791252468357		CITY, STATE: WESTBROOK, ME 04092

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2005	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	VOAs 8260	VOAs 8260	PAHs 8310	TRPH FL-PRO				COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									G	G	G	G				
PRESERVATIVE USED									DI WATER	MeOH	NONE	NONE				
10/26	1300	JAX-PCA25-SB01-S03	PCA25	—	—	SO	G	5	X	X	X	X				Cool To 4°C
10/26	1310	JAX-PCA25-SB02-S05	PCA25	—	—	SO	G	5	X	X	X	X				
10/26	1320	JAX-PCA25-SB01-S05	PCA25	—	—	SO	G	5	X	X	X	X				
10/26	1455	JAX-PCA25-SB09-S03	PCA25	—	—	SO	G	5	X	X	X	X				
10/26	1515	JAX-PCA25-SB11-S03	PCA25	—	—	SO	G	5	X	X	X	X				
10/26	1535	JAX-PCA25-SB14-S03	PCA25	—	—	SO	G	5	X	X	X	X				
10/26	1550	JAX-PCA25-SB17-S03	PCA25	—	—	SO	G	5	X	X	X	X				
10/27	1330	JAX-PCA25-TB01	—	—	—	—	—	2	X							
																NO TEMP BLANK PROVIDED

1. RELINQUISHED BY: Alan Pate	DATE: 10/27/05	TIME:	1. RECEIVED BY: Keith Grover	DATE: 10/28/05	TIME: 0900
2. RELINQUISHED BY:	DATE:	TIME:	2. RECEIVED BY:	DATE:	TIME:
3. RELINQUISHED BY:	DATE:	TIME:	3. RECEIVED BY:	DATE:	TIME:
COMMENTS					

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

Katahdin
ANALYTICAL SERVICES

Katahdin Analytical Services

Login Chain of Custody Report (lno1)

Oct. 28, 2005
02:22 PM

Login Number: WV5725

Account: TETRAT001 Web
Tetra Tech NUS, Inc.

Project: TETRAT003001

Primary Report Address:
Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Foster Plaza 7
Pittsburgh,PA 15220

Primary Invoice Address:
Accounts Payable
Tetra Tech NUS, Inc.
661 Andersen Drive
Foster Plaza 7
Pittsburgh,PA 15220

Report CC Addresses:
Invoice CC Addresses:

Login Information

ANALYSIS INSTRUCTIONS	:	VOA soils are pres DI/freeze & MeOH.
CHECK NO.	:	
CLIENT PO#	:	MSA-0402-N4113-05 1004535
COOLER TEMPERATURE	:	3.9
DELIVERY SERVICES	:	FEDEX
EDD FORMAT	:	KAS050QC-TXT
MAIL DATE	:	
PM	:	AJC
PROJECT NAME	:	CTO 003 NAS JACKSONVILLE
QC LEVEL	:	III
REGULATORY LIST	:	NFESC
REPORT INSTRUCTIONS	:	Need to use Florida flagging. Rpt to MDL& flag to PQL. Upload EDD. Send rpt on 2 CDs.
SDG ID	:	
SDG STATUS	:	

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
WV5725-1	JAX-PCA25-SB01-S03	26-OCT-05 13:00	28-OCT-05			10-NOV-05	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	09-NOV-05		
Solid	S	SW8260BTEX+MTBE	09-NOV-05	40 mL Vial+MEOH	4
Solid	S	SW8270SIM-S	09-NOV-05	100g Glass	1
Solid	S	TS	25-NOV-05		

WV5725-2	JAX-PCA25-SB02-S05	26-OCT-05 13:10	28-OCT-05			10-NOV-05	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	09-NOV-05		
Solid	S	SW8260BTEX+MTBE	09-NOV-05	40 mL Vial+MEOH	4
Solid	S	SW8270SIM-S	09-NOV-05	100g Glass	1
Solid	S	TS	25-NOV-05		

WV5725-3	JAX-PCA25-SB01-S05	26-OCT-05 13:20	28-OCT-05			10-NOV-05	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	09-NOV-05		
Solid	S	SW8260BTEX+MTBE	09-NOV-05	40 mL Vial+MEOH	4
Solid	S	SW8270SIM-S	09-NOV-05	100g Glass	1
Solid	S	TS	25-NOV-05		

WV5725-4	JAX-PCA25-SB09-S03	26-OCT-05 14:55	28-OCT-05			10-NOV-05	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	09-NOV-05		
Solid	S	SW8260BTEX+MTBE	09-NOV-05	40 mL Vial+MEOH	4
Solid	S	SW8270SIM-S	09-NOV-05	100g Glass	1
Solid	S	TS	25-NOV-05		

WV5725-5	JAX-PCA25-SB11-S03	26-OCT-05 15:15	28-OCT-05			10-NOV-05	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	09-NOV-05		
Solid	S	SW8260BTEX+MTBE	09-NOV-05	40 mL Vial+MEOH	4
Solid	S	SW8270SIM-S	09-NOV-05	100g Glass	1
Solid	S	TS	25-NOV-05		

Katahdin
ANALYTICAL SERVICES

Katahdin Analytical Services

Login Chain of Custody Report (lno1)

Oct. 28, 2005
02:22 PM

Login Number: WV5725

Account: TETRAT001 Web
Tetra Tech NUS, Inc.

Project: TETRAT003001

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
WV5725-6	JAX-PCA25-SB14-S03	26-OCT-05 15:35	28-OCT-05			10-NOV-05	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	09-NOV-05		
Solid	S	SW8260BTEX+MTBE	09-NOV-05	40 mL Vial+MEOH	4
Solid	S	SW8270SIM-S	09-NOV-05	100g Glass	1
Solid	S	TS	25-NOV-05		

WV5725-7	JAX-PCA25-SB17-S03	26-OCT-05 15:50	28-OCT-05			10-NOV-05	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	09-NOV-05		
Solid	S	SW8260BTEX+MTBE	09-NOV-05	40 mL Vial+MEOH	4
Solid	S	SW8270SIM-S	09-NOV-05	100g Glass	1
Solid	S	TS	25-NOV-05		

WV5725-8	JAX-PCA25-TB01	27-SEP-05 13:30	28-OCT-05			10-NOV-05	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	SW8260BTEX+MTBE	11-OCT-05	40mL Vial+HCl	2

Total Samples: *8* ***Total Analyses:*** *29*

SAMPLE DATA SUMMARY PACKAGE

FLORIDA DATA QUALIFIERS

I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
*	Compound recovery outside of quality control limits.
L	Off-scale high. Actual value is known to be greater than value given. To be used when the concentration of the analyte is above the acceptable level for quantitation (exceeds the linear range of highest calibration standard) and the calibration curve is known to exhibit a negative deflection.
J	Estimated value. A justification will be included in the narrative for any result that has been flagged with a "J".
V	Indicates the analyte was detected in the sample and the associated method blank.
N	Presumptive evidence of a compound based on a mass spectral library search.
Q	Sample held beyond the accepted holding time. This code shall be used if the value is derived from a sample that was prepared or analyzed after the approved holding time restrictions for sample preparation or analysis
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date:
Analysis Date: 07-NOV-2005 12:55
Report Date: 11/15/2005
Matrix: SOIL
% Solids: 80.7

Lab ID: WV5725-1
Client ID: JAX-PCA25-SB01-S03
SDG: WV5725
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG22523
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.8	1.0	5	5	0.8
71-43-2	Benzene	U	0.7	1.0	5	5	0.7
100-41-4	Ethylbenzene	U	0.7	1.0	5	5	0.7
	m+p-Xylenes	U	1	1.0	10	10	1
95-47-6	o-Xylene	U	0.6	1.0	5	5	0.6
1330-20-7	Xylenes (total)	U	2	1.0	15	15	2
1634-04-4	Methyl tert-butyl ether	U	0.6	1.0	10	10	0.6
1868-53-7	Dibromofluoromethane		100%				
17060-07-0	1,2-Dichloroethane-D4		J128%				
2037-26-5	Toluene-D8		78%				
460-00-4	P-Bromofluorobenzene		99%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date:
Analysis Date: 08-NOV-2005 12:56
Report Date: 11/15/2005
Matrix: SOIL
% Solids: 80.7

Lab ID: WV5725-1RA
Client ID: JAX-PCA25-SB01-S03
SDG: WV5725
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG22558
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.8	1.0	5	5	0.8
71-43-2	Benzene	U	0.8	1.0	5	5	0.8
100-41-4	Ethylbenzene	U	0.7	1.0	5	5	0.7
	m+p-Xylenes	U	1	1.0	10	10	1
95-47-6	o-Xylene	U	0.6	1.0	5	5	0.6
1330-20-7	Xylenes (total)	U	2	1.0	15	15	2
1634-04-4	Methyl tert-butyl ether	U	0.6	1.0	10	10	0.6
1868-53-7	Dibromofluoromethane		71%				
17060-07-0	1,2-Dichloroethane-D4		69%				
2037-26-5	Toluene-D8		82%				
460-00-4	P-Bromofluorobenzene		53%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date:
Analysis Date: 07-NOV-2005 13:35
Report Date: 11/15/2005
Matrix: SOIL
% Solids: 79.2

Lab ID: WV5725-2
Client ID: JAX-PCA25-SB02-S05
SDG: WV5725
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG22523
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.7	1.0	5	5	0.7
71-43-2	Benzene	U	0.7	1.0	5	5	0.7
100-41-4	Ethylbenzene	U	0.6	1.0	5	5	0.6
	m+p-Xylenes	U	1	1.0	10	10	1
95-47-6	o-Xylene	U	0.5	1.0	5	5	0.5
1330-20-7	Xylenes (total)	U	2	1.0	15	15	2
1634-04-4	Methyl tert-butyl ether	U	0.6	1.0	10	10	0.6
1868-53-7	Dibromofluoromethane		77%				
17060-07-0	1,2-Dichloroethane-D4		91%				
2037-26-5	Toluene-D8		76%				
460-00-4	P-Bromofluorobenzene		72%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date:
Analysis Date: 07-NOV-2005 14:15
Report Date: 11/15/2005
Matrix: SOIL
% Solids: 81.0

Lab ID: WV5725-3
Client ID: JAX-PCA25-SB01-S05
SDG: WV5725
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG22523
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.9	1.0	5	5	0.9
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	1	1.0	10	11	1
95-47-6	o-Xylene	U	0.7	1.0	5	5	0.7
1330-20-7	Xylenes (total)	U	2	1.0	15	16	2
1634-04-4	Methyl tert-butyl ether	U	0.7	1.0	10	11	0.7
1868-53-7	Dibromofluoromethane		87%				
17060-07-0	1,2-Dichloroethane-D4		94%				
2037-26-5	Toluene-D8		92%				
460-00-4	P-Bromofluorobenzene		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date:
Analysis Date: 07-NOV-2005 14:54
Report Date: 11/15/2005
Matrix: SOIL
% Solids: 90.8

Lab ID: WV5725-4
Client ID: JAX-PCA25-SB09-S03
SDG: WV5725
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG22523
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	1	1.0	5	6	1
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	1.0	1.0	5	6	1.0
	m+p-Xylenes	U	2	1.0	10	12	2
95-47-6	o-Xylene	U	0.8	1.0	5	6	0.8
1330-20-7	Xylenes (total)	U	2	1.0	15	19	2
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	10	12	0.8
1868-53-7	Dibromofluoromethane		85%				
17060-07-0	1,2-Dichloroethane-D4		85%				
2037-26-5	Toluene-D8		83%				
460-00-4	P-Bromofluorobenzene		71%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date:
Analysis Date: 07-NOV-2005 15:34
Report Date: 11/15/2005
Matrix: SOIL
% Solids: 79.2

Lab ID: WV5725-5
Client ID: JAX-PCA25-SB11-S03
SDG: WV5725
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG22523
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	1	1.0	5	6	1
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	1.0	1.0	5	6	1.0
	m+p-Xylenes	U	2	1.0	10	13	2
95-47-6	o-Xylene	U	0.8	1.0	5	6	0.8
1330-20-7	Xylenes (total)	U	2	1.0	15	19	2
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	10	13	0.8
1868-53-7	Dibromofluoromethane		87%				
17060-07-0	1,2-Dichloroethane-D4		88%				
2037-26-5	Toluene-D8		84%				
460-00-4	P-Bromofluorobenzene		75%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date:
Analysis Date: 08-NOV-2005 13:35
Report Date: 11/15/2005
Matrix: SOIL
% Solids: 81.6

Lab ID: WV5725-6RA
Client ID: JAX-PCA25-SB14-S03
SDG: WV5725
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG22558
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	1.0	1.0	5	6	1.0
71-43-2	Benzene	U	0.9	1.0	5	6	0.9
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
	m+p-Xylenes	U	1	1.0	10	11	1
95-47-6	o-Xylene	U	0.7	1.0	5	6	0.7
1330-20-7	Xylenes (total)	U	2	1.0	15	17	2
1634-04-4	Methyl tert-butyl ether	U	0.7	1.0	10	11	0.7
1868-53-7	Dibromofluoromethane		84%				
17060-07-0	1,2-Dichloroethane-D4		91%				
2037-26-5	Toluene-D8		94%				
460-00-4	P-Bromofluorobenzene		68%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date:
Analysis Date: 07-NOV-2005 16:54
Report Date: 11/15/2005
Matrix: SOIL
% Solids: 84.8

Lab ID: WV5725-7
Client ID: JAX-PCA25-SB17-S03
SDG: WV5725
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG22523
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	1.0	1.0	5	6	1.0
71-43-2	Benzene	U	0.9	1.0	5	6	0.9
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
	m+p-Xylenes	U	1	1.0	10	11	1
95-47-6	o-Xylene	U	0.7	1.0	5	6	0.7
1330-20-7	Xylenes (total)	U	2	1.0	15	17	2
1634-04-4	Methyl tert-butyl ether	U	0.7	1.0	10	11	0.7
1868-53-7	Dibromofluoromethane		88%				
17060-07-0	1,2-Dichloroethane-D4		88%				
2037-26-5	Toluene-D8		82%				
460-00-4	P-Bromofluorobenzene		74%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 09/27/05
Received Date: 10/28/05
Extraction Date:
Analysis Date: 05-NOV-2005 11:16
Report Date: 11/15/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5725-8
Client ID: JAX-PCA25-TB01
SDG: WV5725
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG22458
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		107%				
17060-07-0	1,2-Dichloroethane-D4		J120%				
2037-26-5	Toluene-D8		111%				
460-00-4	P-Bromofluorobenzene		110%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 05-NOV-2005 10:33
Report Date: 11/15/2005
Matrix: WATER
% Solids: NA

Lab ID: WG22458-2
Client ID: WG22458-Blank
SDG: WV5725
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG22458
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		105%				
17060-07-0	1,2-Dichloroethane-D4		115%				
2037-26-5	Toluene-D8		111%				
460-00-4	P-Bromofluorobenzene		108%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 07-NOV-2005 12:11
Report Date: 11/15/2005
Matrix: SOIL
% Solids: 100

Lab ID: WG22523-2
Client ID: WG22523-Blank
SDG: WV5725
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG22523
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.9	1.0	5	5	0.9
71-43-2	Benzene	U	0.8	1.0	5	5	0.8
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	1	1.0	10	10	1
95-47-6	o-Xylene	U	0.6	1.0	5	5	0.6
1330-20-7	Xylenes (total)	U	2	1.0	15	15	2
1634-04-4	Methyl tert-butyl ether	U	0.7	1.0	10	10	0.7
1868-53-7	Dibromofluoromethane		103%				
17060-07-0	1,2-Dichloroethane-D4		116%				
2037-26-5	Toluene-D8		97%				
460-00-4	P-Bromofluorobenzene		97%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 08-NOV-2005 12:13
Report Date: 11/15/2005
Matrix: SOIL
% Solids: 100

Lab ID: WG22558-2
Client ID: WG22558-Blank
SDG: WV5725
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG22558
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.9	1.0	5	5	0.9
71-43-2	Benzene	U	0.8	1.0	5	5	0.8
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	1	1.0	10	10	1
95-47-6	o-Xylene	U	0.6	1.0	5	5	0.6
1330-20-7	Xylenes (total)	U	2	1.0	15	15	2
1634-04-4	Methyl tert-butyl ether	U	0.7	1.0	10	10	0.7
1868-53-7	Dibromofluoromethane		99%				
17060-07-0	1,2-Dichloroethane-D4		109%				
2037-26-5	Toluene-D8		93%				
460-00-4	P-Bromofluorobenzene		91%				

FORM 2
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Level:(low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	WG22523-LCS	WG22523-1	98	104	92	91	0
02	WG22523-BLANK	WG22523-2	103	116	97	97	0
03	JAX-PCA25-SB01-S03	WV5725-1	100	128J	78	99	1
04	JAX-PCA25-SB02-S05	WV5725-2	77	91	76	72	0
05	JAX-PCA25-SB01-S05	WV5725-3	87	94	92	89	0
06	JAX-PCA25-SB09-S03	WV5725-4	85	85	83	71	0
07	JAX-PCA25-SB11-S03	WV5725-5	87	88	84	75	0
08	JAX-PCA25-SB17-S03	WV5725-7	88	88	82	74	0
09	WG22558-LCS	WG22558-1	85	90	87	85	0
10	WG22558-BLANK	WG22558-2	99	109	93	91	0
11	JAX-PCA25-SB01-S03	WV5725-1RA	71	69	82	53	0
12	JAX-PCA25-SB14-S03	WV5725-6RA	84	91	94	68	0
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							

		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(57-122)
SMC2 (DCA)	= 1,2-Dichloroethane-D4	(53-127)
SMC3 (TOL)	= Toluene-D8	(62-117)
SMC4 (BFB)	= P-Bromofluorobenzene	(36-119)

Column to be used to flag recovery values

J Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 2

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	WG22458-LCS	WG22458-1	108	115	108	110	0
02	WG22458-BLANK	WG22458-2	105	115	111	108	0
03	JAX-PCA25-TB01	WV5725-8	107	120J	111	110	1
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							

		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(76-118)
SMC2 (DCA)	= 1,2-Dichloroethane-D4	(76-119)
SMC3 (TOL)	= Toluene-D8	(68-122)
SMC4 (BFB)	= P-Bromofluorobenzene	(56-119)

Column to be used to flag recovery values

J Values outside of contract required QC limits

D System Monitoring Compound diluted out

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 11/05/05
Report Date: 11/15/2005
Matrix: WATER

Lab ID: WG22458-1
Client ID: WG22458-LCS
SDG: WV5725
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG22458
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	24		48	0-183
Chloromethane	50	NA	30		61	35-145
Vinyl chloride	50	NA	40		80	43-136
Bromomethane	50	NA	37		75	57-139
Chloroethane	50	NA	46		92	48-132
Trichlorofluoromethane	50	NA	55		111	52-126
Diethyl Ether	50	NA	56		113	65-151
Tertiary-butyl alcohol	250	NA	380	*	152	55-138
1,1-Dichloroethene	50	NA	51		102	88-123
Carbon Disulfide	50	NA	49		98	63-105
Freon-113	50	NA	54		108	80-125
Iodomethane	50	NA	41		83	52-165
Acrolein	250	NA	160		64	62-117
Methylene Chloride	50	NA	51		102	79-122
Acetone	50	NA	57		115	65-156
Isobutyl Alcohol	1000	NA	1270	*	127	45-126
trans-1,2-Dichloroethene	50	NA	50		101	83-121
Allyl Chloride	50	NA	54		108	67-133
Methyl tert-butyl ether	100	NA	115		115	68-127
Acetonitrile	500	NA	616	*	123	75-122
Di-isopropyl ether	50	NA	53		106	82-124
Chloroprene	50	NA	56		112	69-128
Methacrylonitrile	500	NA	572		114	78-126
Propionitrile	500	NA	562		112	77-126
1,1-Dichloroethane	50	NA	53		106	80-118
Acrylonitrile	250	NA	275		110	65-128
Ethyl tertiary-butyl ether	50	NA	56		111	84-120
Vinyl Acetate	50	NA	41		81	77-151
cis-1,2-Dichloroethene	50	NA	49		98	85-113
1,2-Dichloroethylene (total)	100	NA	100		100	85-116
Methyl Methacrylate	50	NA	58		116	73-119
2,2-Dichloropropane	50	NA	57		114	67-134
Bromochloromethane	50	NA	52		104	85-111
Chloroform	50	NA	54		109	81-112
Carbon Tetrachloride	50	NA	57		114	79-119
Tetrahydrofuran	50	NA	60		120	66-125
1,1,1-Trichloroethane	50	NA	55		111	79-113
1,1-Dichloropropene	50	NA	55		110	82-121
2-Butanone	50	NA	83		166	97-179
Benzene	50	NA	52		104	83-117
Cyclohexane		NA				60-140
Ethyl Methacrylate	50	NA	53		106	75-116
Tertiary-amyl methyl ether	50	NA	55		110	88-117
1,2-Dichloroethane	50	NA	59	*	118	76-108
Trichloroethene	50	NA	52		103	85-118

FORM III VOA-1
S7185.D

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 11/05/05
Report Date: 11/15/2005
Matrix: WATER

Lab ID: WG22458-1
Client ID: WG22458-LCS
SDG: WV5725
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG22458
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dibromomethane	50	NA	54		107	76-132
1,2-Dichloropropane	50	NA	52		105	82-110
Bromodichloromethane	50	NA	56	*	112	78- 98
cis-1,3-dichloropropene	50	NA	56		113	85-114
1,4-Dioxane	1000	NA	1090		109	34-126
2-Chloroethylvinylether	50	NA	40		81	3-152
Toluene	50	NA	52		104	84-121
4-methyl-2-pentanone	50	NA	58		116	67-124
Tetrachloroethene	50	NA	50		100	73-112
trans-1,3-Dichloropropene	50	NA	65	*	129	91-120
1,1,2-Trichloroethane	50	NA	54		108	79-117
Dibromochloromethane	50	NA	51		102	87-112
1,3-Dichloropropane	50	NA	54		108	87-113
1,2-Dibromoethane	50	NA	54		108	83-110
2-Hexanone	50	NA	56		112	77-122
Chlorobenzene	50	NA	52		104	84-117
Ethylbenzene	50	NA	53		107	81-115
1,1,1,2-Tetrachloroethane	50	NA	56	*	111	86-109
Xylenes (total)	150	NA	158		105	85-120
m+p-Xylenes	100	NA	105		105	87-119
o-Xylene	50	NA	53		106	78-125
Styrene	50	NA	54	*	109	82-107
Bromoform	50	NA	60	*	121	75-111
Isopropylbenzene	50	NA	57		113	75-132
cis-1,4-Dichloro-2-Butene	50	NA	55		109	60-150
trans-1,4-Dichloro-2-Butene	50	NA	55		111	68-124
Bromobenzene	50	NA	50		100	84-115
N-Propylbenzene	50	NA	52		105	85-118
1,1,2,2-Tetrachloroethane	50	NA	54		108	81-116
1,3,5-Trimethylbenzene	50	NA	52		104	79-117
2-Chlorotoluene	50	NA	50		100	85-118
1,2,3-Trichloropropane	50	NA	55		110	81-112
4-Chlorotoluene	50	NA	52		105	88-114
tert-Butylbenzene	50	NA	53		106	68-125
Pentachloroethane	50	NA	52		104	40-168
1,2,4-Trimethylbenzene	50	NA	52		104	78-112
P-Isopropyltoluene	50	NA	54		107	77-116
1,3-Dichlorobenzene	50	NA	51		102	84-113
1,4-Dichlorobenzene	50	NA	51		102	83-110
N-Butylbenzene	50	NA	54		107	81-113
sec-Butylbenzene	50	NA	52		105	81-115
1,2-Dichlorobenzene	50	NA	51		102	84-114
1,2-Dibromo-3-Chloropropane	50	NA	60	*	121	72-112
1,3,5-Trichlorobenzene	50	NA	53		106	61-151
Hexachlorobutadiene	50	NA	52		104	62-116

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 11/05/05
Report Date: 11/15/2005
Matrix: WATER

Lab ID: WG22458-1
Client ID: WG22458-LCS
SDG: WV5725
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG22458
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	53		106	59-123
1,2,3-Trimethylbenzene	50	NA	53		107	87-110
Naphthalene	50	NA	51		102	36-143
1,2,3-Trichlorobenzene	50	NA	57	*	114	53-100
Methyl Acetate	50	NA	66	*	131	58-112
Methylcyclohexane	50	NA	52		104	78-112

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 11/07/05
Report Date: 11/15/2005
Matrix: SOIL

Lab ID: WG22523-1
Client ID: WG22523-LCS
SDG: WV5725
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG22523
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	22		43	13-217
Chloromethane	50	NA	31		62	36-165
Vinyl chloride	50	NA	38		76	47-159
Bromomethane	50	NA	53		105	43-181
Chloroethane	50	NA	44		88	54-157
Trichlorofluoromethane	50	NA	54		109	62-138
Diethyl Ether	50	NA	44		89	70-138
Tertiary-butyl alcohol	250	NA	259		104	74-127
1,1-Dichloroethene	50	NA	48		97	68-141
Carbon Disulfide	50	NA	49		98	45-141
Freon-113	50	NA	53		105	62-142
Iodomethane	50	NA	50		100	33-178
Acrolein	250	NA	222		89	44-146
Methylene Chloride	50	NA	48		96	34-171
Acetone	50	NA	67		134	44-226
Isobutyl Alcohol	1000	NA	801		80	77-124
trans-1,2-Dichloroethene	50	NA	53		105	72-133
Allyl Chloride	50	NA	69	*	138	66-137
Methyl tert-butyl ether	100	NA	107		107	11-259
Acetonitrile	500	NA	448		90	67-137
Di-isopropyl ether	50	NA	49		98	74-126
Chloroprene	50	NA	52		103	74-131
Methacrylonitrile	500	NA	464		93	75-127
Propionitrile	500	NA	445		89	71-128
1,1-Dichloroethane	50	NA	53		105	75-130
Acrylonitrile	250	NA	210		84	73-123
Ethyl tertiary-butyl ether	50	NA	50		100	75-125
Vinyl Acetate	50	NA	40		79	59-162
cis-1,2-Dichloroethene	50	NA	49		98	67-129
1,2-Dichloroethylene (total)	100	NA	101		101	70-130
Methyl Methacrylate	50	NA	51		102	78-126
2,2-Dichloropropane	50	NA	56		111	70-138
Bromochloromethane	50	NA	54		107	73-122
Chloroform	50	NA	56		113	73-127
Carbon Tetrachloride	50	NA	60		120	75-130
Tetrahydrofuran	50	NA	54		109	65-140
1,1,1-Trichloroethane	50	NA	59		117	71-129
1,1-Dichloropropene	50	NA	54		108	84-121
2-Butanone	50	NA	80		160	22-267
Benzene	50	NA	48		96	76-123
Cyclohexane	50	NA	47		95	60-140
Ethyl Methacrylate	50	NA	47		93	79-127
Tertiary-amyl methyl ether	50	NA	49		98	73-126
1,2-Dichloroethane	50	NA	61		122	80-123
Trichloroethene	50	NA	53		107	75-136

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 11/07/05
Report Date: 11/15/2005
Matrix: SOIL

Lab ID: WG22523-1
Client ID: WG22523-LCS
SDG: WV5725
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG22523
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dibromomethane	50	NA	54		109	83-121
1,2-Dichloropropane	50	NA	50		101	77-123
Bromodichloromethane	50	NA	54	*	109	78-107
cis-1,3-dichloropropene	50	NA	53		106	76-125
1,4-Dioxane	1000	NA	852		85	72-135
2-Chloroethylvinylether	50	NA	31		62	0-159
Toluene	50	NA	50		99	76-121
4-methyl-2-pentanone	50	NA	50		101	69-148
Tetrachloroethene	50	NA	54		108	87-114
trans-1,3-Dichloropropene	50	NA	58		115	80-136
1,1,2-Trichloroethane	50	NA	51		102	76-120
Dibromochloromethane	50	NA	57		114	87-114
1,3-Dichloropropane	50	NA	54		108	86-113
1,2-Dibromoethane	50	NA	53		105	81-120
2-Hexanone	50	NA	54		108	67-157
Chlorobenzene	50	NA	50		100	90-111
Ethylbenzene	50	NA	52		104	89-111
1,1,1,2-Tetrachloroethane	50	NA	59	*	118	89-110
Xylenes (total)	150	NA	151		101	91-113
m+p-Xylenes	100	NA	100		100	91-113
o-Xylene	50	NA	51		102	91-112
Styrene	50	NA	52		103	85-114
Bromoform	50	NA	58	*	115	92-113
Isopropylbenzene	50	NA	54		109	89-132
cis-1,4-Dichloro-2-Butene	50	NA	57		114	66-128
trans-1,4-Dichloro-2-Butene	50	NA	54		107	78-125
Bromobenzene	50	NA	49		99	87-109
N-Propylbenzene	50	NA	48		97	86-119
1,1,2,2-Tetrachloroethane	50	NA	52		104	77-119
1,3,5-Trimethylbenzene	50	NA	50		101	84-117
2-Chlorotoluene	50	NA	51		102	78-120
1,2,3-Trichloropropane	50	NA	36	*	72	83-115
4-Chlorotoluene	50	NA	50		100	84-118
tert-Butylbenzene	50	NA	47		95	76-128
Pentachloroethane	50	NA	48		97	83-119
1,2,4-Trimethylbenzene	50	NA	50		99	83-118
P-Isopropyltoluene	50	NA	50		100	91-120
1,3-Dichlorobenzene	50	NA	48		96	90-113
1,4-Dichlorobenzene	50	NA	51		101	89-112
N-Butylbenzene	50	NA	48		95	80-122
sec-Butylbenzene	50	NA	48		96	86-118
1,2-Dichlorobenzene	50	NA	50		99	90-110
1,2-Dibromo-3-Chloropropane	50	NA	50		99	66-137
1,3,5-Trichlorobenzene	50	NA	41		81	53-170
Hexachlorobutadiene	50	NA	47		93	80-117

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 11/07/05
Report Date: 11/15/2005
Matrix: SOIL

Lab ID: WG22523-1
Client ID: WG22523-LCS
SDG: WV5725
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG22523
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	48	95	75-128
1,2,3-Trimethylbenzene	50	NA	47	93	80-126
Naphthalene	50	NA	39	78	72-117
1,2,3-Trichlorobenzene	50	NA	45	89	72-126
Methyl Acetate	50	NA	58	* 115	74-113
Methylcyclohexane	50	NA	45	90	74-129

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 11/08/05
Report Date: 11/15/2005
Matrix: SOIL

Lab ID: WG22558-1
Client ID: WG22558-LCS
SDG: WV5725
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG22558
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	18	36	13-217
Chloromethane	50	NA	38	75	36-165
Vinyl chloride	50	NA	37	73	47-159
Bromomethane	50	NA	33	66	43-181
Chloroethane	50	NA	41	82	54-157
Trichlorofluoromethane	50	NA	46	93	62-138
Diethyl Ether	50	NA	46	93	70-138
Tertiary-butyl alcohol	250	NA	250	100	74-127
1,1-Dichloroethene	50	NA	46	93	68-141
Carbon Disulfide	50	NA	47	94	45-141
Freon-113	50	NA	45	91	62-142
Iodomethane	50	NA	21	42	33-178
Acrolein	250	NA	239	96	44-146
Methylene Chloride	50	NA	52	104	34-171
Acetone	50	NA	59	118	44-226
Isobutyl Alcohol	1000	NA	911	91	77-124
trans-1,2-Dichloroethene	50	NA	49	98	72-133
Allyl Chloride	50	NA	57	114	66-137
Methyl tert-butyl ether	100	NA	112	112	11-259
Acetonitrile	500	NA	534	107	67-137
Di-isopropyl ether	50	NA	54	108	74-126
Chloroprene	50	NA	52	105	74-131
Methacrylonitrile	500	NA	509	102	75-127
Propionitrile	500	NA	481	96	71-128
1,1-Dichloroethane	50	NA	51	103	75-130
Acrylonitrile	250	NA	256	102	73-123
Ethyl tertiary-butyl ether	50	NA	56	111	75-125
Vinyl Acetate	50	NA	41	83	59-162
cis-1,2-Dichloroethene	50	NA	47	94	67-129
1,2-Dichloroethylene (total)	100	NA	96	96	70-130
Methyl Methacrylate	50	NA	55	109	78-126
2,2-Dichloropropane	50	NA	56	112	70-138
Bromochloromethane	50	NA	51	102	73-122
Chloroform	50	NA	55	111	73-127
Carbon Tetrachloride	50	NA	55	110	75-130
Tetrahydrofuran	50	NA	46	93	65-140
1,1,1-Trichloroethane	50	NA	55	109	71-129
1,1-Dichloropropene	50	NA	52	104	84-121
2-Butanone	50	NA	78	156	22-267
Benzene	50	NA	50	100	76-123
Cyclohexane	50	NA	41	82	60-140
Ethyl Methacrylate	50	NA	50	99	79-127
Tertiary-amyl methyl ether	50	NA	51	101	73-126
1,2-Dichloroethane	50	NA	59	118	80-123
Trichloroethene	50	NA	52	103	75-136

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 11/08/05
Report Date: 11/15/2005
Matrix: SOIL

Lab ID: WG22558-1
Client ID: WG22558-LCS
SDG: WV5725
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG22558
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dibromomethane	50	NA	55		110	83-121
1,2-Dichloropropane	50	NA	51		102	77-123
Bromodichloromethane	50	NA	49		97	78-107
cis-1,3-dichloropropene	50	NA	55		109	76-125
1,4-Dioxane	1000	NA	1080		108	72-135
2-Chloroethylvinylether	50	NA	32		63	0-159
Toluene	50	NA	49		99	76-121
4-methyl-2-pentanone	50	NA	53		105	69-148
Tetrachloroethene	50	NA	49		99	87-114
trans-1,3-Dichloropropene	50	NA	58		117	80-136
1,1,2-Trichloroethane	50	NA	52		103	76-120
Dibromochloromethane	50	NA	52		104	87-114
1,3-Dichloropropane	50	NA	51		103	86-113
1,2-Dibromoethane	50	NA	54		109	81-120
2-Hexanone	50	NA	51		102	67-157
Chlorobenzene	50	NA	48		96	90-111
Ethylbenzene	50	NA	48		96	89-111
1,1,1,2-Tetrachloroethane	50	NA	54		108	89-110
Xylenes (total)	150	NA	141		94	91-113
m+p-Xylenes	100	NA	93		93	91-113
o-Xylene	50	NA	48		97	91-112
Styrene	50	NA	48		95	85-114
Bromoform	50	NA	52		104	92-113
Isopropylbenzene	50	NA	52		103	89-132
cis-1,4-Dichloro-2-Butene	50	NA	56		112	66-128
trans-1,4-Dichloro-2-Butene	50	NA	54		108	78-125
Bromobenzene	50	NA	49		98	87-109
N-Propylbenzene	50	NA	47		94	86-119
1,1,2,2-Tetrachloroethane	50	NA	53		106	77-119
1,3,5-Trimethylbenzene	50	NA	50		100	84-117
2-Chlorotoluene	50	NA	50		101	78-120
1,2,3-Trichloropropane	50	NA	36	*	72	83-115
4-Chlorotoluene	50	NA	50		100	84-118
tert-Butylbenzene	50	NA	46		92	76-128
Pentachloroethane	50	NA	48		96	83-119
1,2,4-Trimethylbenzene	50	NA	50		99	83-118
P-Isopropyltoluene	50	NA	49		97	91-120
1,3-Dichlorobenzene	50	NA	49		98	90-113
1,4-Dichlorobenzene	50	NA	50		101	89-112
N-Butylbenzene	50	NA	46		93	80-122
sec-Butylbenzene	50	NA	48		95	86-118
1,2-Dichlorobenzene	50	NA	50		100	90-110
1,2-Dibromo-3-Chloropropane	50	NA	52		105	66-137
1,3,5-Trichlorobenzene	50	NA	44		88	53-170
Hexachlorobutadiene	50	NA	46		92	80-117

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 11/08/05
Report Date: 11/15/2005
Matrix: SOIL

Lab ID: WG22558-1
Client ID: WG22558-LCS
SDG: WV5725
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG22558
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	50		100	75-128
1,2,3-Trimethylbenzene	50	NA	48		97	80-126
Naphthalene	50	NA	47		94	72-117
1,2,3-Trichlorobenzene	50	NA	52		105	72-126
Methyl Acetate	50	NA	58	*	116	74-113
Methylcyclohexane	50	NA	40		79	74-129

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG22458-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID: S7187 Lab Sample ID: WG22458-2

Date Analyzed: 11/05/05 Time Analyzed: 1033

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMS-S

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG22458-LCS	WG22458-1	S7185	11/05/05	0919
02	JAX-PCA25-TB01	WV5725-8	S7188	11/05/05	1116
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV VOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG22523-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID: Z8226 Lab Sample ID: WG22523-2

Date Analyzed: 11/07/05 Time Analyzed: 1211

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: GCMS-Z

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG22523-LCS	WG22523-1	Z8224	11/07/05	1047
02	JAX-PCA25-SB01-S03	WV5725-1	Z8227	11/07/05	1255
03	JAX-PCA25-SB02-S05	WV5725-2	Z8228	11/07/05	1335
04	JAX-PCA25-SB01-S05	WV5725-3	Z8229	11/07/05	1415
05	JAX-PCA25-SB09-S03	WV5725-4	Z8230	11/07/05	1454
06	JAX-PCA25-SB11-S03	WV5725-5	Z8231	11/07/05	1534
07	JAX-PCA25-SB17-S03	WV5725-7	Z8233	11/07/05	1654
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV VOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG22558-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID: Z8247 Lab Sample ID: WG22558-2

Date Analyzed: 11/08/05 Time Analyzed: 1213

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: GCMS-Z

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG22558-LCS	WG22558-1	Z8245	11/08/05	1051
02	JAX-PCA25-SB01-S03	WV5725-1RA	Z8248	11/08/05	1256
03	JAX-PCA25-SB14-S03	WV5725-6RA	Z8249	11/08/05	1335
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID: SB064 BFB Injection Date: 11/03/05

Instrument ID: GCMS-S BFB Injection Time: 1303

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.3
75	30.0 - 60.0% of mass 95	44.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.7
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	71.2
175	5.0 - 9.0% of mass 174	5.8 (8.2)1
176	95.0 - 101.0% of mass 174	69.1 (97.0)1
177	5.0 - 9.0% of mass 176	4.4 (6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050S03A	S7136	11/03/05	1328
02		VSTD020S03A	S7137	11/03/05	1400
03		VSTD005S03A	S7138	11/03/05	1432
04		VSTD001S03A	S7139	11/03/05	1503
05		VSTD200S03A	S7140	11/03/05	1534
06		VSTD100S03A	S7141	11/03/05	1605
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID: SB066 BFB Injection Date: 11/05/05

Instrument ID: GCMS-S BFB Injection Time: 0809

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	27.7
75	30.0 - 60.0% of mass 95	57.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	8.2
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	75.3
175	5.0 - 9.0% of mass 174	6.0 (8.0)1
176	95.0 - 101.0% of mass 174	72.3 (96.0)1
177	5.0 - 9.0% of mass 176	4.7 (6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050S05A	S7184	11/05/05	0838
02	WG22458-LCS	WG22458-1	S7185	11/05/05	0919
03	WG22458-BLANK	WG22458-2	S7187	11/05/05	1033
04	JAX-PCA25-TB01	WV5725-8	S7188	11/05/05	1116
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID: ZB208 BFB Injection Date: 10/25/05

Instrument ID: GCMS-Z BFB Injection Time: 0730

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.1
75	30.0 - 60.0% of mass 95	56.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	8.3
173	Less than 2.0% of mass 174	1.0 (1.0)1
174	Greater than 50.0% of mass 95	106.9
175	5.0 - 9.0% of mass 174	8.0 (7.5)1
176	95.0 - 101.0% of mass 174	105.4 (98.6)1
177	5.0 - 9.0% of mass 176	6.1 (5.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050Z25A	Z7985	10/25/05	0800
02		VSTD020Z25A	Z7986	10/25/05	0839
03		VSTD010Z25A	Z7987	10/25/05	0919
04		VSTD005Z25A	Z7988	10/25/05	0959
05		VSTD200Z25A	Z7989	10/25/05	1038
06		VSTD100Z25A	Z7990	10/25/05	1118
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID: ZB224 BFB Injection Date: 11/07/05

Instrument ID: GCMS-Z BFB Injection Time: 0930

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	27.8
75	30.0 - 60.0% of mass 95	59.6
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	5.0
173	Less than 2.0% of mass 174	1.0 (1.0)1
174	Greater than 50.0% of mass 95	101.3
175	5.0 - 9.0% of mass 174	8.2 (8.1)1
176	95.0 - 101.0% of mass 174	96.8 (95.5)1
177	5.0 - 9.0% of mass 176	7.7 (8.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050Z07A	Z8223	11/07/05	1003
02	WG22523-LCS	WG22523-1	Z8224	11/07/05	1047
03	WG22523-BLANK	WG22523-2	Z8226	11/07/05	1211
04	JAX-PCA25-SB01-S03	WV5725-1	Z8227	11/07/05	1255
05	JAX-PCA25-SB02-S05	WV5725-2	Z8228	11/07/05	1335
06	JAX-PCA25-SB01-S05	WV5725-3	Z8229	11/07/05	1415
07	JAX-PCA25-SB09-S03	WV5725-4	Z8230	11/07/05	1454
08	JAX-PCA25-SB11-S03	WV5725-5	Z8231	11/07/05	1534
09	JAX-PCA25-SB17-S03	WV5725-7	Z8233	11/07/05	1654
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Instrument ID: GCMS-S Calibration Date(s): 11/03/05 11/03/05

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1328 1605

LAB FILE ID: RF1: S7139 RF5: S7138 RF20: S7137
RF50: S7136 RF100: S7141 RF200: S7140

COMPOUND	RF1	RF5	RF20	RF50	RF100	RF200	CURVE	COEFF. A1	%RSD OR R^2	MAX %RSD OR R^2
Toluene	0.732	0.747	0.735	0.766	0.777	0.795	AVRG	0.75871111	3.267	15.000
Benzene	1.170	1.198	1.192	1.264	1.254	1.307	AVRG	1.23105918	4.262	15.000
Ethylbenzene	1.557	1.640	1.620	1.728	1.726	1.721	AVRG	1.66527869	4.255	15.000
m+p-Xylenes	0.579	0.610	0.612	0.639	0.644	0.640	AVRG	0.62070156	4.096	15.000
o-Xylene	0.503	0.576	0.583	0.621	0.634	0.648	AVRG	0.59419954	8.894	15.000
Xylenes (total)							AVRG			0.000
Methyl tert-butyl ether	1.087	1.220	1.282	1.259	1.261	1.404	AVRG	1.25199265	8.168	15.000
Dibromofluoromethane	0.556	0.454	0.497	0.560	0.543	0.577	AVRG	0.53119901	8.759	15.000
1,2-Dichloroethane-D4	0.636	0.502	0.511	0.536	0.512	0.540	AVRG	0.53944941	9.198	15.000
Toluene-D8	1.114	0.931	0.979	1.114	1.035	1.053	AVRG	1.03766917	7.059	15.000
P-Bromofluorobenzene	0.450	0.356	0.371	0.405	0.391	0.410	AVRG	0.39735096	8.301	15.000

Average %RSD test result.

Calculate Average %RSD: 10.97838020
Maximum Average %RSD: 15.00000000

Note: Passes Average %RSD Test.

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Instrument ID: GCMS-Z Calibration Date(s): 10/25/05 10/25/05

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 0800 1118

LAB FILE ID: RF5: Z7988 RF10: Z7987 RF20: Z7986
RF50: Z7985 RF100: Z7990 RF200: Z7989

COMPOUND	RF5	RF10	RF20	RF50	RF100	RF200	CURVE	COEFF. A1	%RSD OR R^2	MAX %RSD OR R^2
Toluene	0.754	0.669	0.846	0.714	0.810	0.792	AVRG	0.76415605	8.550	15.000
Benzene	1.110	1.034	1.240	1.092	1.249	1.189	AVRG	1.15204058	7.538	15.000
Ethylbenzene	1.777	1.699	2.061	1.796	1.980	1.912	AVRG	1.87048292	7.315	15.000
m+p-Xylenes	0.610	0.614	0.757	0.642	0.694	0.687	AVRG	0.66727656	8.480	15.000
o-Xylene	0.600	0.589	0.711	0.611	0.692	0.673	AVRG	0.64579421	8.101	15.000
Xylenes (total)							AVRG			0.000
Methyl tert-butyl ether	1.342	1.327	1.504	1.299	1.471	1.451	AVRG	1.39896638	6.174	15.000
Dibromofluoromethane	0.610	0.552	0.613	0.584	0.586	0.575	AVRG	0.58676463	3.883	15.000
1,2-Dichloroethane-D4	0.751	0.758	0.759	0.728	0.678	0.629	AVRG	0.71732555	7.393	15.000
Toluene-D8	1.163	1.068	1.227	1.152	1.223	1.144	AVRG	1.16268635	5.032	15.000
P-Bromofluorobenzene	0.497	0.478	0.554	0.497	0.506	0.470	AVRG	0.50029070	5.919	15.000

Average %RSD test result.

Calculate Average %RSD: 8.550726891
Maximum Average %RSD: 15.00000000

Note: Passes Average %RSD Test.

FORM VI VOA

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Instrument ID: GCMS-S Calibration Date: 11/05/05 Time: 0838

Lab File ID: S7184 Init. Calib. Date(s): 11/03/05 11/03/05

Init. Calib. Times: 1328 1605

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE	
Toluene	0.7590000	0.8132500	0.01	7.15	20.00	AVRG	
Benzene	1.2310000	1.3234000	0.01	7.51		AVRG	
Ethylbenzene	1.6650000	1.8114000	0.01	8.79	20.00	AVRG	
m+p-Xylenes	0.6210000	0.6668400	0.01	7.38		AVRG	
o-Xylene	0.5940000	0.6381400	0.01	7.43		AVRG	
Xylenes (total)	0.0000000	1.9718000	0.01	0.00		AVRG	<-
Methyl tert-butyl ether	1.2520000	1.4436000	0.01	15.30		AVRG	
Dibromofluoromethane	0.5310000	0.5738500	0.01	8.07		AVRG	
1,2-Dichloroethane-D4	0.5400000	0.6418400	0.01	18.86		AVRG	
Toluene-D8	1.0380000	1.1438000	0.01	10.19		AVRG	
P-Bromofluorobenzene	0.3970000	0.4514700	0.01	13.72		AVRG	

FORM VII PEST

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Instrument ID: GCMS-Z Calibration Date: 11/07/05 Time: 1003

Lab File ID: Z8223 Init. Calib. Date(s): 10/25/05 10/25/05

Init. Calib. Times: 0800 1118

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE	
Toluene	0.7640000	0.7726400	0.01	1.13	20.00	AVRG	
Benzene	1.1520000	1.1471000	0.01	-0.42		AVRG	
Ethylbenzene	1.8710000	1.8653000	0.01	-0.30	20.00	AVRG	
m+p-Xylenes	0.6670000	0.6649800	0.01	-0.30		AVRG	
o-Xylene	0.6460000	0.6634500	0.01	2.70		AVRG	
Xylenes (total)	0.0000000	0.6644700	0.01	0.00		AVRG	<-
Methyl tert-butyl ether	1.3990000	1.6269000	0.01	16.29		AVRG	
Dibromofluoromethane	0.5870000	0.6322900	0.01	7.72		AVRG	
1,2-Dichloroethane-D4	0.7170000	0.8817600	0.01	22.98		AVRG	
Toluene-D8	1.1630000	1.1306000	0.01	-2.78		AVRG	
P-Bromofluorobenzene	0.5000000	0.4992400	0.01	-0.15		AVRG	

FORM VII PEST

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Instrument ID: GCMS-Z Calibration Date: 11/08/05 Time: 1007

Lab File ID: Z8244 Init. Calib. Date(s): 10/25/05 10/25/05

Init. Calib. Times: 0800 1118

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE	
Toluene	0.7640000	0.7500300	0.01	-1.83	20.00	AVRG	
Benzene	1.1520000	1.1292000	0.01	-1.98		AVRG	
Ethylbenzene	1.8710000	1.9522000	0.01	4.34	20.00	AVRG	
m+p-Xylenes	0.6670000	0.7001600	0.01	4.97		AVRG	
o-Xylene	0.6460000	0.6781000	0.01	4.97		AVRG	
Xylenes (total)	0.0000000	0.6928100	0.01	0.00		AVRG	<-
Methyl tert-butyl ether	1.3990000	1.4123000	0.01	0.95		AVRG	
Dibromofluoromethane	0.5870000	0.5250100	0.01	-10.56		AVRG	
1,2-Dichloroethane-D4	0.7170000	0.6741000	0.01	-5.98		AVRG	
Toluene-D8	1.1630000	1.0136000	0.01	-12.85		AVRG	
P-Bromofluorobenzene	0.5000000	0.4518900	0.01	-9.62		AVRG	

FORM VII PEST

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID (Standard): S7184 Date Analyzed: 11/05/05

Instrument ID: GCMS-S Time Analyzed: 0838

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1(PFB) AREA #	IS1(PFB) RT #	IS2(DFB) AREA #	IS2(DFB) RT #	IS3(CBZ) AREA #	IS3(CBZ) RT #
12 HOUR STD	596996	9.43	1031220	10.12	877883	13.59
UPPER LIMIT	1193992	9.93	2062440	10.62	1755766	14.09
LOWER LIMIT	298498	8.93	515610	9.62	438942	13.09

	CLIENT SAMPLE ID	LAB SAMPLE ID	IS1(PFB) AREA #	IS1(PFB) RT #	IS2(DFB) AREA #	IS2(DFB) RT #	IS3(CBZ) AREA #	IS3(CBZ) RT #
01	WG22458-LCS	WG22458-1	602102	9.43	1050747	10.11	870642	13.59
02	WG22458-BLANK	WG22458-2	566571	9.42	958680	10.11	795549	13.59
03	JAX-PCA25-TB01	WV5725-8	612237	9.42	1043417	10.12	862175	13.59
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID (Standard): S7184 Date Analyzed: 11/05/05

Instrument ID: GCMS-S Time Analyzed: 0838

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		419381	16.74				
UPPER LIMIT		838762	17.24				
LOWER LIMIT		209691	16.24				
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG22458-LCS	WG22458-1	414978	16.74				
02 WG22458-BLANK	WG22458-2	359170	16.74				
03 JAX-PCA25-TB01	WV5725-8	386657	16.74				
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID (Standard): Z8223 Date Analyzed: 11/07/05

Instrument ID: GCMS-Z Time Analyzed: 1003

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

		IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD		331347	8.47	421791	9.31	353574	12.54
UPPER LIMIT		662694	8.97	843582	9.81	707148	13.04
LOWER LIMIT		165674	7.97	210896	8.81	176787	12.04
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	WG22523-LCS	WG22523-1	374885	8.48	451899	9.32	357543	12.54
02	WG22523-BLANK	WG22523-2	362014	8.47	423851	9.32	343725	12.54
03	JAX-PCA25-SB01-S03	WV5725-1	95083*	8.46	112622*	9.31	88595*	12.54
04	JAX-PCA25-SB02-S05	WV5725-2	229177	8.48	253871	9.32	205106	12.54
05	JAX-PCA25-SB01-S05	WV5725-3	378526	8.47	425793	9.32	356505	12.54
06	JAX-PCA25-SB09-S03	WV5725-4	429171	8.47	497486	9.32	409795	12.54
07	JAX-PCA25-SB11-S03	WV5725-5	398838	8.46	483463	9.30	397913	12.53
08	JAX-PCA25-SB17-S03	WV5725-7	414148	8.47	501848	9.30	413705	12.54
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID (Standard): Z8223 Date Analyzed: 11/07/05

Instrument ID: GCMS-Z Time Analyzed: 1003

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	193652	14.37				
UPPER LIMIT	387304	14.87				
LOWER LIMIT	96826	13.87				

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG22523-LCS	WG22523-1	220455	14.36				
02	WG22523-BLANK	WG22523-2	206750	14.36				
03	JAX-PCA25-SB01-S03	WV5725-1	53324*	14.37				
04	JAX-PCA25-SB02-S05	WV5725-2	105618	14.36				
05	JAX-PCA25-SB01-S05	WV5725-3	189736	14.36				
06	JAX-PCA25-SB09-S03	WV5725-4	225608	14.36				
07	JAX-PCA25-SB11-S03	WV5725-5	230831	14.36				
08	JAX-PCA25-SB17-S03	WV5725-7	241217	14.36				
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID (Standard): Z8244 Date Analyzed: 11/08/05

Instrument ID: GCMS-Z Time Analyzed: 1007

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD	393578	8.47	450073	9.31	366776	12.54
UPPER LIMIT	787156	8.97	900146	9.81	733552	13.04
LOWER LIMIT	196789	7.97	225037	8.81	183388	12.04

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG22558-LCS	WG22558-1	388646	8.48	460096	9.32	399001	12.54
02	WG22558-BLANK	WG22558-2	386001	8.46	457446	9.31	376994	12.54
03	JAX-PCA25-SB01-S03	WV5725-1RA	209028	8.46	231514	9.30	172914*	12.54
04	JAX-PCA25-SB14-S03	WV5725-6RA	417345	8.49	538854	9.33	440954	12.54
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID (Standard): Z8244 Date Analyzed: 11/08/05

Instrument ID: GCMS-Z Time Analyzed: 1007

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		226393	14.37				
UPPER LIMIT		452786	14.87				
LOWER LIMIT		113197	13.87				
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG22558-LCS	WG22558-1	232179	14.36				
02 WG22558-BLANK	WG22558-2	222495	14.37				
03 JAX-PCA25-SB01-S03	WV5725-1RA	91100*	14.37				
04 JAX-PCA25-SB14-S03	WV5725-6RA	242933	14.38				
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/09/05
Analysis Date: 09-NOV-2005 11:27
Report Date: 11/10/2005
Matrix: SOIL
% Solids: 80.7

Lab ID: WV5725-1
Client ID: JAX-PCA25-SB01-S03
SDG: WV5725
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22579
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	1	1.0	20	25	1
91-57-6	2-Methylnaphthalene	U	0.7	1.0	20	25	0.7
208-96-8	Acenaphthylene	U	0.6	1.0	20	25	0.6
83-32-9	Acenaphthene	U	0.9	1.0	20	25	0.9
86-73-7	Fluorene	U	0.8	1.0	20	25	0.8
85-01-8	Phenanthrene	I	6	1.0	20	25	2
120-12-7	Anthracene	U	1	1.0	20	25	1
206-44-0	Fluoranthene	I	8	1.0	20	25	2
129-00-0	Pyrene	I	2	1.0	20	25	2
56-55-3	Benzo(a)anthracene	I	12	1.0	20	25	1
218-01-9	Chrysene	I	2	1.0	20	25	2
205-99-2	Benzo(b)fluoranthene	U	2	1.0	20	25	2
207-08-9	Benzo(k)fluoranthene	U	2	1.0	20	25	2
50-32-8	Benzo(a)pyrene	U	0.9	1.0	20	25	0.9
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	20	25	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	20	25	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	20	25	2
90-12-0	1-Methylnaphthalene	U	12	1.0	20	25	12
7297-45-2	2-Methylnaphthalene-d10		81%				
81103-79-9	Fluorene-d10		80%				
1718-52-1	Pyrene-d10		72%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/09/05
Analysis Date: 09-NOV-2005 12:12
Report Date: 11/10/2005
Matrix: SOIL
% Solids: 79.2

Lab ID: WV5725-2
Client ID: JAX-PCA25-SB02-S05
SDG: WV5725
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22579
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	2	1.0	20	25	1
91-57-6	2-Methylnaphthalene	I	17	1.0	20	25	0.7
208-96-8	Acenaphthylene	U	0.7	1.0	20	25	0.7
83-32-9	Acenaphthene	I	3	1.0	20	25	0.9
86-73-7	Fluorene	U	0.8	1.0	20	25	0.8
85-01-8	Phenanthrene	I	6	1.0	20	25	2
120-12-7	Anthracene	I	1	1.0	20	25	1
206-44-0	Fluoranthene	I	13	1.0	20	25	2
129-00-0	Pyrene	I	8	1.0	20	25	2
56-55-3	Benzo(a)anthracene	I	12	1.0	20	25	1
218-01-9	Chrysene	I	2	1.0	20	25	2
205-99-2	Benzo(b)fluoranthene	U	2	1.0	20	25	2
207-08-9	Benzo(k)fluoranthene	U	2	1.0	20	25	2
50-32-8	Benzo(a)pyrene		46	1.0	20	25	0.9
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	20	25	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	20	25	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	20	25	2
90-12-0	1-Methylnaphthalene		100	1.0	20	25	13
7297-45-2	2-Methylnaphthalene-d10		49%				
81103-79-9	Fluorene-d10		53%				
1718-52-1	Pyrene-d10		59%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/09/05
Analysis Date: 09-NOV-2005 12:56
Report Date: 11/10/2005
Matrix: SOIL
% Solids: 81.0

Lab ID: WV5725-3
Client ID: JAX-PCA25-SB01-S05
SDG: WV5725
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22579
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		34	1.0	20	25	1
91-57-6	2-Methylnaphthalene	L	210	1.0	20	25	0.7
208-96-8	Acenaphthylene	U	0.6	1.0	20	25	0.6
83-32-9	Acenaphthene	L	3600	1.0	20	25	0.9
86-73-7	Fluorene	I	0.8	1.0	20	25	0.8
85-01-8	Phenanthrene	L	8100	1.0	20	25	2
120-12-7	Anthracene	L	5400	1.0	20	25	1.0
206-44-0	Fluoranthene	L	13000	1.0	20	25	2
129-00-0	Pyrene	L	12000	1.0	20	25	2
56-55-3	Benzo(a)anthracene	L	20000	1.0	20	25	1
218-01-9	Chrysene	L	5600	1.0	20	25	2
205-99-2	Benzo(b)fluoranthene	L	14000	1.0	20	25	2
207-08-9	Benzo(k)fluoranthene	L	1800	1.0	20	25	2
50-32-8	Benzo(a)pyrene	L	3900	1.0	20	25	0.9
193-39-5	Indeno(1,2,3-cd)pyrene	L	1100	1.0	20	25	2
53-70-3	Dibenzo(a,h)anthracene	L	410	1.0	20	25	2
191-24-2	Benzo(g,h,i)perylene	L	840	1.0	20	25	2
90-12-0	1-Methylnaphthalene	L	410	1.0	20	25	12
7297-45-2	2-Methylnaphthalene-d10		65%				
81103-79-9	Fluorene-d10		77%				
1718-52-1	Pyrene-d10		70%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/09/05
Analysis Date: 09-NOV-2005 16:41
Report Date: 11/10/2005
Matrix: SOIL
% Solids: 81.0

Lab ID: WV5725-3DL
Client ID: JAX-PCA25-SB01-S05
SDG: WV5725
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22579
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	220	200	20	4900	220
91-57-6	2-Methylnaphthalene	U	140	200	20	4900	140
208-96-8	Acenaphthylene	U	130	200	20	4900	130
83-32-9	Acenaphthene	I	3600	200	20	4900	170
86-73-7	Fluorene	I	3900	200	20	4900	150
85-01-8	Phenanthrene		13000	200	20	4900	360
120-12-7	Anthracene		8300	200	20	4900	200
206-44-0	Fluoranthene		30000	200	20	4900	400
129-00-0	Pyrene		21000	200	20	4900	440
56-55-3	Benzo(a)anthracene		20000	200	20	4900	250
218-01-9	Chrysene		6800	200	20	4900	300
205-99-2	Benzo(b)fluoranthene		15000	200	20	4900	510
207-08-9	Benzo(k)fluoranthene	I	3900	200	20	4900	330
50-32-8	Benzo(a)pyrene		6100	200	20	4900	180
193-39-5	Indeno(1,2,3-cd)pyrene	U	500	200	20	4900	500
53-70-3	Dibenzo(a,h)anthracene	U	490	200	20	4900	490
191-24-2	Benzo(g,h,i)perylene	U	420	200	20	4900	420
90-12-0	1-Methylnaphthalene	U	2500	200	20	4900	2500
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/09/05
Analysis Date: 09-NOV-2005 13:40
Report Date: 11/10/2005
Matrix: SOIL
% Solids: 90.8

Lab ID: WV5725-4
Client ID: JAX-PCA25-SB09-S03
SDG: WV5725
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22579
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	1.0	1.0	20	22	1.0
91-57-6	2-Methylnaphthalene	U	0.6	1.0	20	22	0.6
208-96-8	Acenaphthylene	I	2	1.0	20	22	0.6
83-32-9	Acenaphthene	I	4	1.0	20	22	0.8
86-73-7	Fluorene	I	0.9	1.0	20	22	0.7
85-01-8	Phenanthrene		58	1.0	20	22	2
120-12-7	Anthracene	I	21	1.0	20	22	0.9
206-44-0	Fluoranthene		120	1.0	20	22	2
129-00-0	Pyrene		98	1.0	20	22	2
56-55-3	Benzo(a)anthracene		160	1.0	20	22	1
218-01-9	Chrysene		65	1.0	20	22	1
205-99-2	Benzo(b)fluoranthene	L	360	1.0	20	22	2
207-08-9	Benzo(k)fluoranthene		64	1.0	20	22	1
50-32-8	Benzo(a)pyrene		140	1.0	20	22	0.8
193-39-5	Indeno(1,2,3-cd)pyrene		120	1.0	20	22	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	20	22	2
191-24-2	Benzo(g,h,i)perylene		99	1.0	20	22	2
90-12-0	1-Methylnaphthalene	U	11	1.0	20	22	11
7297-45-2	2-Methylnaphthalene-d10		68%				
81103-79-9	Fluorene-d10		75%				
1718-52-1	Pyrene-d10		68%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 010 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/09/05
Analysis Date: 09-NOV-2005 17:25
Report Date: 11/11/2005
Matrix: SOIL
% Solids: 90.8

Lab ID: WV5725-4DL
Client ID: JAX-PCA25-SB09-S03
SDG: WV5725
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22579
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	3.0	20	66	3
91-57-6	2-Methylnaphthalene	U	2	3.0	20	66	2
208-96-8	Acenaphthylene	U	2	3.0	20	66	2
83-32-9	Acenaphthene	I	4	3.0	20	66	2
86-73-7	Fluorene	U	2	3.0	20	66	2
85-01-8	Phenanthrene	I	58	3.0	20	66	5
120-12-7	Anthracene	I	21	3.0	20	66	3
206-44-0	Fluoranthene		110	3.0	20	66	5
129-00-0	Pyrene		78	3.0	20	66	6
56-55-3	Benzo(a)anthracene		170	3.0	20	66	3
218-01-9	Chrysene	I	61	3.0	20	66	4
205-99-2	Benzo(b)fluoranthene		280	3.0	20	66	7
207-08-9	Benzo(k)fluoranthene		69	3.0	20	66	4
50-32-8	Benzo(a)pyrene		120	3.0	20	66	2
193-39-5	Indeno(1,2,3-cd)pyrene		94	3.0	20	66	7
53-70-3	Dibenzo(a,h)anthracene	U	7	3.0	20	66	7
191-24-2	Benzo(g,h,i)perylene		76	3.0	20	66	6
90-12-0	1-Methylnaphthalene	U	33	3.0	20	66	33
7297-45-2	2-Methylnaphthalene-d10		72%				
81103-79-9	Fluorene-d10		66%				
1718-52-1	Pyrene-d10		59%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/09/05
Analysis Date: 09-NOV-2005 14:24
Report Date: 11/10/2005
Matrix: SOIL
% Solids: 79.2

Lab ID: WV5725-5
Client ID: JAX-PCA25-SB11-S03
SDG: WV5725
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22579
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	1	1.0	20	25	1
91-57-6	2-Methylnaphthalene	I	7	1.0	20	25	0.7
208-96-8	Acenaphthylene	U	0.7	1.0	20	25	0.7
83-32-9	Acenaphthene		26	1.0	20	25	0.9
86-73-7	Fluorene	I	23	1.0	20	25	0.8
85-01-8	Phenanthrene	L	340	1.0	20	25	2
120-12-7	Anthracene		130	1.0	20	25	1
206-44-0	Fluoranthene	L	910	1.0	20	25	2
129-00-0	Pyrene	L	1000	1.0	20	25	2
56-55-3	Benzo(a)anthracene	L	1400	1.0	20	25	1
218-01-9	Chrysene	L	570	1.0	20	25	2
205-99-2	Benzo(b)fluoranthene	L	1900	1.0	20	25	2
207-08-9	Benzo(k)fluoranthene	L	280	1.0	20	25	2
50-32-8	Benzo(a)pyrene	L	590	1.0	20	25	0.9
193-39-5	Indeno(1,2,3-cd)pyrene		190	1.0	20	25	2
53-70-3	Dibenzo(a,h)anthracene		50	1.0	20	25	2
191-24-2	Benzo(g,h,i)perylene		170	1.0	20	25	2
90-12-0	1-Methylnaphthalene	U	13	1.0	20	25	13
7297-45-2	2-Methylnaphthalene-d10		65%				
81103-79-9	Fluorene-d10		84%				
1718-52-1	Pyrene-d10		69%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/09/05
Analysis Date: 09-NOV-2005 18:09
Report Date: 11/10/2005
Matrix: SOIL
% Solids: 79.2

Lab ID: WV5725-5DL
Client ID: JAX-PCA25-SB11-S03
SDG: WV5725
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22579
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	11	10	20	250	11
91-57-6	2-Methylnaphthalene	U	7	10	20	250	7
208-96-8	Acenaphthylene	U	7	10	20	250	7
83-32-9	Acenaphthene	I	23	10	20	250	9
86-73-7	Fluorene	U	8	10	20	250	8
85-01-8	Phenanthrene		410	10	20	250	18
120-12-7	Anthracene	I	190	10	20	250	10
206-44-0	Fluoranthene		1200	10	20	250	21
129-00-0	Pyrene		1500	10	20	250	23
56-55-3	Benzo(a)anthracene		1700	10	20	250	13
218-01-9	Chrysene		750	10	20	250	16
205-99-2	Benzo(b)fluoranthene		1700	10	20	250	26
207-08-9	Benzo(k)fluoranthene		440	10	20	250	17
50-32-8	Benzo(a)pyrene		770	10	20	250	9
193-39-5	Indeno(1,2,3-cd)pyrene		420	10	20	250	25
53-70-3	Dibenzo(a,h)anthracene	U	25	10	20	250	25
191-24-2	Benzo(g,h,i)perylene		350	10	20	250	22
90-12-0	1-Methylnaphthalene	U	130	10	20	250	130
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/09/05
Analysis Date: 09-NOV-2005 15:11
Report Date: 11/10/2005
Matrix: SOIL
% Solids: 81.6

Lab ID: WV5725-6
Client ID: JAX-PCA25-SB14-S03
SDG: WV5725
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22579
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	4	1.0	20	24	1
91-57-6	2-Methylnaphthalene		140	1.0	20	24	0.7
208-96-8	Acenaphthylene	U	0.6	1.0	20	24	0.6
83-32-9	Acenaphthene	L	520	1.0	20	24	0.8
86-73-7	Fluorene	L	210	1.0	20	24	0.7
85-01-8	Phenanthrene	L	2100	1.0	20	24	2
120-12-7	Anthracene	L	440	1.0	20	24	1.0
206-44-0	Fluoranthene	L	1900	1.0	20	24	2
129-00-0	Pyrene	L	1800	1.0	20	24	2
56-55-3	Benzo(a)anthracene	L	1300	1.0	20	24	1
218-01-9	Chrysene	L	370	1.0	20	24	2
205-99-2	Benzo(b)fluoranthene	L	1100	1.0	20	24	2
207-08-9	Benzo(k)fluoranthene	L	200	1.0	20	24	2
50-32-8	Benzo(a)pyrene	L	290	1.0	20	24	0.9
193-39-5	Indeno(1,2,3-cd)pyrene		73	1.0	20	24	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	20	24	2
191-24-2	Benzo(g,h,i)perylene		35	1.0	20	24	2
90-12-0	1-Methylnaphthalene		99	1.0	20	24	12
7297-45-2	2-Methylnaphthalene-d10		56%				
81103-79-9	Fluorene-d10		61%				
1718-52-1	Pyrene-d10		52%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/09/05
Analysis Date: 09-NOV-2005 18:53
Report Date: 11/10/2005
Matrix: SOIL
% Solids: 81.6

Lab ID: WV5725-6DL
Client ID: JAX-PCA25-SB14-S03
SDG: WV5725
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22579
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	22	20	20	490	22
91-57-6	2-Methylnaphthalene	I	190	20	20	490	14
208-96-8	Acenaphthylene	U	13	20	20	490	13
83-32-9	Acenaphthene		610	20	20	490	17
86-73-7	Fluorene		730	20	20	490	15
85-01-8	Phenanthrene		2500	20	20	490	36
120-12-7	Anthracene		910	20	20	490	20
206-44-0	Fluoranthene		2500	20	20	490	40
129-00-0	Pyrene		2200	20	20	490	44
56-55-3	Benzo(a)anthracene		1400	20	20	490	25
218-01-9	Chrysene	I	420	20	20	490	30
205-99-2	Benzo(b)fluoranthene		1000	20	20	490	50
207-08-9	Benzo(k)fluoranthene	I	300	20	20	490	33
50-32-8	Benzo(a)pyrene	U	18	20	20	490	18
193-39-5	Indeno(1,2,3-cd)pyrene	U	49	20	20	490	49
53-70-3	Dibenzo(a,h)anthracene	U	49	20	20	490	49
191-24-2	Benzo(g,h,i)perylene	U	42	20	20	490	42
90-12-0	1-Methylnaphthalene	U	240	20	20	490	240
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/09/05
Analysis Date: 10-NOV-2005 09:50
Report Date: 11/10/2005
Matrix: SOIL
% Solids: 84.8

Lab ID: WV5725-7RA
Client ID: JAX-PCA25-SB17-S03
SDG: WV5725
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22579
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	1	1.0	20	24	1
91-57-6	2-Methylnaphthalene	U	0.7	1.0	20	24	0.7
208-96-8	Acenaphthylene	U	0.6	1.0	20	24	0.6
83-32-9	Acenaphthene	U	0.8	1.0	20	24	0.8
86-73-7	Fluorene	U	0.7	1.0	20	24	0.7
85-01-8	Phenanthrene	U	2	1.0	20	24	2
120-12-7	Anthracene	U	1.0	1.0	20	24	1.0
206-44-0	Fluoranthene	I	7	1.0	20	24	2
129-00-0	Pyrene	U	2	1.0	20	24	2
56-55-3	Benzo(a)anthracene	U	1	1.0	20	24	1
218-01-9	Chrysene	U	1	1.0	20	24	1
205-99-2	Benzo(b)fluoranthene	U	2	1.0	20	24	2
207-08-9	Benzo(k)fluoranthene	U	2	1.0	20	24	2
50-32-8	Benzo(a)pyrene	U	0.9	1.0	20	24	0.9
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	20	24	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	20	24	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	20	24	2
90-12-0	1-Methylnaphthalene	U	12	1.0	20	24	12
7297-45-2	2-Methylnaphthalene-d10		43%				
81103-79-9	Fluorene-d10		52%				
1718-52-1	Pyrene-d10		66%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date: 11/09/05
Analysis Date: 10-NOV-2005 09:05
Report Date: 11/10/2005
Matrix: SOIL
% Solids: 100

Lab ID: WG22579-1RA
Client ID: WG22579-Blank
SDG: WV5725
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22579
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.9	1.0	20	20	0.9
91-57-6	2-Methylnaphthalene	U	0.6	1.0	20	20	0.6
208-96-8	Acenaphthylene	U	0.5	1.0	20	20	0.5
83-32-9	Acenaphthene	U	0.7	1.0	20	20	0.7
86-73-7	Fluorene	U	0.6	1.0	20	20	0.6
85-01-8	Phenanthrene	U	1	1.0	20	20	1
120-12-7	Anthracene	U	0.8	1.0	20	20	0.8
206-44-0	Fluoranthene	U	2	1.0	20	20	2
129-00-0	Pyrene	U	2	1.0	20	20	2
56-55-3	Benzo(a)anthracene	U	1	1.0	20	20	1
218-01-9	Chrysene	U	1	1.0	20	20	1
205-99-2	Benzo(b)fluoranthene	U	2	1.0	20	20	2
207-08-9	Benzo(k)fluoranthene	U	1	1.0	20	20	1
50-32-8	Benzo(a)pyrene	U	0.8	1.0	20	20	0.8
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	20	20	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	20	20	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	20	20	2
90-12-0	1-Methylnaphthalene	U	10	1.0	20	20	10
7297-45-2	2-Methylnaphthalene-d10		38%				
81103-79-9	Fluorene-d10		50%				
1718-52-1	Pyrene-d10		58%				

FORM 2

SOIL SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Level:(low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	JAX-PCA25-SB01-S03	WV5725-1	81	80	72						0
02	JAX-PCA25-SB02-S05	WV5725-2	49	53	59						0
03	JAX-PCA25-SB01-S05	WV5725-3	65	77	70						0
04	JAX-PCA25-SB09-S03	WV5725-4	68	75	68						0
05	JAX-PCA25-SB11-S03	WV5725-5	65	84	69						0
06	JAX-PCA25-SB14-S03	WV5725-6	56	61	52						0
07	JAX-PCA25-SB01-S05	WV5725-3DL	D	D	D						0
08	JAX-PCA25-SB09-S03	WV5725-4DL	72	66	59						0
09	JAX-PCA25-SB11-S03	WV5725-5DL	D	D	D						0
10	JAX-PCA25-SB14-S03	WV5725-6DL	D	D	D						0
11	WG22579-BLANK	WG22579-1RA	38	50	58						0
12	JAX-PCA25-SB17-S03	WV5725-7RA	43	52	66						0
13	WG22579-LCS	WG22579-2	73	100	85						0
14	WG22579-LCSD	WG22579-3	55	59	62						0
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											

		QC LIMITS
S1	= 2-Methylnaphthalene-d1	(30-150)
S2	= Fluorene-d10	(30-150)
S3	= Pyrene-d10	(30-150)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date: 11/09/05
Analysis Date: 11/10/05
Report Date: 11/11/2005
Matrix: SOIL

Lab ID: WG22579-2 & WG22579-3
Client ID: WG22579-LCS & WG22579-LCSD
SDG: WV5725
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22579
Units: ug/Kg

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Naphthalene	67	67	NA	35	27	53	41	25	50	30-150
2-Methylnaphthalene	67	67	NA	63	54	95	81	15	50	30-150
Acenaphthylene	67	67	NA	57	35	85	52	48	50	30-150
Acenaphthene	67	67	NA	45	33	67	49	31	50	30-150
Fluorene	67	67	NA	52	33	77	50	43	50	30-150
Phenanthrene	67	67	NA	41	34	62	51	20	50	30-150
Anthracene	67	67	NA	42	36	63	53	16	50	30-150
Fluoranthene	67	67	NA	42	29	63	44	36	50	30-150
Pyrene	67	67	NA	48	38	72	58	22	50	30-150
Benzo(a)anthracene	67	67	NA	62	43	92	65	34	50	30-150
Chrysene	67	67	NA	37	30	56	46	20	50	30-150
Benzo(b)fluoranthene	67	67	NA	56	45	84	67	23	50	30-150
Benzo(k)fluoranthene	67	67	NA	45	44	67	65	2	50	30-150
Benzo(a)pyrene	67	67	NA	44	38	66	58	13	50	30-150
Indeno(1,2,3-cd)pyrene	67	67	NA	35	29	53	44	20	50	30-150
Dibenzo(a,h)anthracene	67	67	NA	38	36	56	53	6	50	30-150
Benzo(g,h,i)perylene	67	67	NA	32	28	47	42	13	50	30-150

FORM III SV-2

U2605.D & U2606.D

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG22579-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID: U2602 Lab Sample ID: WG22579-1RA

Instrument ID: GCMS-U Date Extracted: 11/09/05

Matrix: (soil/water) SOIL Date Analyzed: 11/10/05

Level:(low/med) LOW Time Analyzed: 0905

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	JAX-PCA25-SB01-S03	WV5725-1	U2587	11/09/05	1127
02	JAX-PCA25-SB02-S05	WV5725-2	U2588	11/09/05	1212
03	JAX-PCA25-SB01-S05	WV5725-3	U2589	11/09/05	1256
04	JAX-PCA25-SB09-S03	WV5725-4	U2590	11/09/05	1340
05	JAX-PCA25-SB11-S03	WV5725-5	U2591	11/09/05	1424
06	JAX-PCA25-SB14-S03	WV5725-6	U2592	11/09/05	1511
07	JAX-PCA25-SB01-S05	WV5725-3DL	U2594	11/09/05	1641
08	JAX-PCA25-SB09-S03	WV5725-4DL	U2595	11/09/05	1725
09	JAX-PCA25-SB11-S03	WV5725-5DL	U2596	11/09/05	1809
10	JAX-PCA25-SB14-S03	WV5725-6DL	U2597	11/09/05	1853
11	JAX-PCA25-SB17-S03	WV5725-7RA	U2603	11/10/05	0950
12	WG22579-LCS	WG22579-2	U2605	11/10/05	1118
13	WG22579-LCSD	WG22579-3	U2606	11/10/05	1203
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID: UD102 DFTPP Injection Date: 10/31/05

Instrument ID: GCMS-U DFTPP Injection Time: 1421

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	46.3
68	Less than 2.0% of mass 69	0.6 (1.3)1
69	Less than 100.0% of mass 198	46.5
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	56.7
197	Less than 1.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	19.8
365	1.0 - 100.0% of mass 198	2.0
441	0.0 - 100.0% of mass 443	8.5 (77.3)2
442	40.0 - 100.0% of mass 198	54.2
443	17.0 - 23.0% of mass 442	10.9 (20.2)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U1031	U2453	10/31/05	1533
02		SSTD5.00U1031	U2454	10/31/05	1617
03		SSTD3.00U1031	U2455	10/31/05	1703
04		SSTD2.00U1031	U2456	10/31/05	1749
05		SSTD0.50U1031	U2457	10/31/05	1835
06		SSTD0.20U1031	U2458	10/31/05	1921
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID: UD110 DFTPP Injection Date: 11/09/05

Instrument ID: GCMS-U DFTPP Injection Time: 0808

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	39.9
68	Less than 2.0% of mass 69	0.7 (1.7)1
69	Less than 100.0% of mass 198	41.8
70	Less than 2.0% of mass 69	0.2 (0.6)1
127	40.0 - 60.0% of mass 198	52.4
197	Less than 1.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 30.0% of mass 198	20.9
365	1.0 - 100.0% of mass 198	2.4
441	0.0 - 100.0% of mass 443	11.5 (80.6)2
442	40.0 - 100.0% of mass 198	75.3
443	17.0 - 23.0% of mass 442	14.3 (19.0)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U1109	U2583	11/09/05	0829
02	JAX-PCA25-SB01-S03	WV5725-1	U2587	11/09/05	1127
03	JAX-PCA25-SB02-S05	WV5725-2	U2588	11/09/05	1212
04	JAX-PCA25-SB01-S05	WV5725-3	U2589	11/09/05	1256
05	JAX-PCA25-SB09-S03	WV5725-4	U2590	11/09/05	1340
06	JAX-PCA25-SB11-S03	WV5725-5	U2591	11/09/05	1424
07	JAX-PCA25-SB14-S03	WV5725-6	U2592	11/09/05	1511
08	JAX-PCA25-SB01-S05	WV5725-3DL	U2594	11/09/05	1641
09	JAX-PCA25-SB09-S03	WV5725-4DL	U2595	11/09/05	1725
10	JAX-PCA25-SB11-S03	WV5725-5DL	U2596	11/09/05	1809
11	JAX-PCA25-SB14-S03	WV5725-6DL	U2597	11/09/05	1853
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID: UD111 DFTPP Injection Date: 11/10/05

Instrument ID: GCMS-U DFTPP Injection Time: 0758

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	40.4
68	Less than 2.0% of mass 69	0.7 (1.6)1
69	Less than 100.0% of mass 198	41.3
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	52.5
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	20.2
365	1.0 - 100.0% of mass 198	2.3
441	0.0 - 100.0% of mass 443	10.1 (77.3)2
442	40.0 - 100.0% of mass 198	66.9
443	17.0 - 23.0% of mass 442	13.0 (19.5)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U1110	U2601	11/10/05	0818
02	WG22579-BLANK	WG22579-1RA	U2602	11/10/05	0905
03	JAX-PCA25-SB17-S03	WV5725-7RA	U2603	11/10/05	0950
04	WG22579-LCS	WG22579-2	U2605	11/10/05	1118
05	WG22579-LCSD	WG22579-3	U2606	11/10/05	1203
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Instrument ID: GCMS-U Calibration Date(s): 10/31/05 10/31/05

Column: DB5-MS ID: 0.25 (mm) Calibration Time(s): 1533 1921

LAB FILE ID: RF0.2: U2458 RF0.5: U2457 RF1: U2453
RF2: U2456 RF3: U2455 RF5: U2454

COMPOUND	RF0.2	RF0.5	RF1	RF2	RF3	RF5	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
Naphthalene	0.916	0.869	0.860	0.878	0.970	0.833	AVRG		0.88763902		5.450	15.000
2-Methylnaphthalene	2286	8347	25145	64887	93845	146960	LINR	0.16539023	1.89000659		0.99348	0.99000
Acenaphthylene	1.067	1.174	0.987	1.151	1.195	1.501	AVRG		1.17925473		14.898	15.000
Acenaphthene	0.945	0.872	0.904	0.960	0.956	1.144	AVRG		0.96346762		9.865	15.000
Fluorene	5441	13598	29498	64668	77520	129250	2ORDR	-0.1618800	1.23793998	-5.2e-002	0.99572	0.99000
Phenanthrene	3637	9987	23585	69839	71901	121910	LINR	0.14587169	0.98643726		0.99790	0.99000
Anthracene	0.915	0.985	0.853	0.973	0.989	1.046	AVRG		0.96029132		7.004	15.000
Fluoranthene	2882	7089	15179	50982	48697	90421	LINR	0.19942199	1.34035773		0.99239	0.99000
Pyrene	2.101	2.788	2.396	2.417	2.508	2.526	AVRG		2.45591321		9.081	15.000
Benzo(a)anthracene	455	926	2488	12443	11065	23185	LINR	0.26897559	1.85883303		0.99075	0.99000
Chrysene	1.753	1.871	1.553	1.714	1.705	1.579	AVRG		1.69573332		6.899	15.000
Benzo(b)fluoranthene	0.667	0.647	0.663	0.731	0.769	0.891	AVRG		0.72792553		12.722	15.000
Benzo(k)fluoranthene	1.812	2.629	2.057	2.514	2.632	2.570	AVRG		2.36884371		14.695	15.000
Benzo(a)pyrene	1.389	1.218	1.117	1.317	1.329	1.324	AVRG		1.28237167		7.639	15.000
Indeno(1,2,3-cd)pyrene	1.116	1.058	0.856	0.802	0.860	0.890	AVRG		0.93012253		13.542	15.000
Dibenzo(a,h)anthracene	708	945	2613	7048	6896	12496	LINR	-2.35e-002	1.49070266		0.99835	0.99000
Benzo(g,h,i)perylene	1265	1875	4403	12431	12038	22111	LINR	-2.88e-002	0.84621505		0.99731	0.99000
1-Methylnaphthalene	7691	8003	38844	71789	95547	150070	LINR	-2.78e-003	1.89565892		0.99433	0.99000
2-Methylnaphthalene-d10	0.305	0.326	0.291	0.328	0.357	0.326	AVRG		0.32224815		7.026	15.000
Fluorene-d10	5277	13154	28264	59305	67676	115500	2ORDR	-0.2074047	1.39323881	-6.52e-002	0.99257	0.99000
Pyrene-d10	1.743	2.253	1.964	1.968	2.093	2.092	AVRG		2.01871391		8.508	15.000

Average %RSD test result.

Calculate Average %RSD: 16.82127953
Maximum Average %RSD: 30.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Instrument ID: GCMS-U Calibration Date: 11/09/05 Time: 0829

Lab File ID: U2583 Init. Calib. Date(s): 10/31/05 10/31/05

Init. Calib. Times: 1533 1921

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.8880000	0.8886800	0.8886800	0.01	0.08	100.00	AVRG
2-Methylnaphthalene	1.0833000	1.0000000	0.5031700	0.01	8.33	100.00	LINR
Acenaphthylene	1.1790000	1.5328000	1.5328000	0.01	30.01	100.00	AVRG
Acenaphthene	0.9640000	1.1272000	1.1272000	0.01	16.93	20.00	AVRG
Fluorene	1.2338000	1.0000000	1.1737000	0.01	23.38	100.00	2RDR
Phenanthrene	0.9489500	1.0000000	0.8437000	0.01	-5.10	100.00	LINR
Anthracene	0.9600000	0.9740700	0.9740700	0.01	1.46	100.00	AVRG
Fluoranthene	1.0662000	1.0000000	0.6764500	0.01	6.62	20.00	LINR
Pyrene	2.4560000	2.1327000	2.1327000	0.01	-13.16	100.00	AVRG
Benzo(a)anthracene	1.7465000	1.0000000	0.8238100	0.01	74.65	100.00	LINR
Chrysene	1.6960000	1.3680000	1.3680000	0.01	-19.34	100.00	AVRG
Benzo(b)fluoranthene	0.7280000	1.0179000	1.0179000	0.01	39.82	100.00	AVRG
Benzo(k)fluoranthene	2.3690000	2.1874000	2.1874000	0.01	-7.66	100.00	AVRG
Benzo(a)pyrene	1.2820000	1.2055000	1.2055000	0.01	-5.97	20.00	AVRG
Indeno(1,2,3-cd)pyrene	0.9300000	0.8413400	0.8413400	0.01	-9.53	100.00	AVRG
Dibenzo(a,h)anthracene	0.9197300	1.0000000	0.6295800	0.01	-8.03	100.00	LINR
Benzo(g,h,i)perylene	0.6055800	1.0000000	0.7428200	0.01	-39.44	100.00	LINR
1-Methylnaphthalene	1.1973000	1.0000000	0.6327800	0.01	19.73	100.00	LINR
2-Methylnaphthalene-d10	0.3220000	0.3565400	0.3565400	0.01	10.73	100.00	AVRG
Fluorene-d10	1.1804000	1.0000000	1.0281000	0.01	18.04	100.00	2RDR
Pyrene-d10	2.0190000	1.8142000	1.8142000	0.01	-10.14	100.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Instrument ID: GCMS-U Calibration Date: 11/10/05 Time: 0818

Lab File ID: U2601 Init. Calib. Date(s): 10/31/05 10/31/05

Init. Calib. Times: 1533 1921

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.8880000	0.9005800	0.9005800	0.01	1.42	100.00	AVRG
2-Methylnaphthalene	0.9920300	1.0000000	0.4548800	0.01	-0.80	100.00	LINR
Acenaphthylene	1.1790000	1.2532000	1.2532000	0.01	6.29	100.00	AVRG
Acenaphthene	0.9640000	0.9959200	0.9959200	0.01	3.31	20.00	AVRG
Fluorene	1.0644000	1.0000000	1.0190000	0.01	6.44	100.00	2RDR
Phenanthrene	0.9310600	1.0000000	0.8255600	0.01	-6.89	100.00	LINR
Anthracene	0.9600000	0.9948200	0.9948200	0.01	3.63	100.00	AVRG
Fluoranthene	1.0175000	1.0000000	0.6401100	0.01	1.75	20.00	LINR
Pyrene	2.4560000	2.3110000	2.3110000	0.01	-5.90	100.00	AVRG
Benzo(a)anthracene	1.6439000	1.0000000	0.7686100	0.01	64.39	100.00	LINR
Chrysene	1.6960000	1.4470000	1.4470000	0.01	-14.68	100.00	AVRG
Benzo(b)fluoranthene	0.7280000	0.9780700	0.9780700	0.01	34.35	100.00	AVRG
Benzo(k)fluoranthene	2.3690000	2.4706000	2.4706000	0.01	4.29	100.00	AVRG
Benzo(a)pyrene	1.2820000	1.2610000	1.2610000	0.01	-1.64	20.00	AVRG
Indeno(1,2,3-cd)pyrene	0.9300000	0.7477300	0.7477300	0.01	-19.60	100.00	AVRG
Dibenzo(a,h)anthracene	1.0065000	1.0000000	0.6877800	0.01	0.65	100.00	LINR
Benzo(g,h,i)perylene	0.6557100	1.0000000	0.8020700	0.01	-34.43	100.00	LINR
1-Methylnaphthalene	1.2713000	1.0000000	0.6718000	0.01	27.13	100.00	LINR
2-Methylnaphthalene-d10	0.3220000	0.3535200	0.3535200	0.01	9.79	100.00	AVRG
Fluorene-d10	0.9856500	1.0000000	0.8708900	0.01	-1.44	100.00	2RDR
Pyrene-d10	2.0190000	1.8783000	1.8783000	0.01	-6.97	100.00	AVRG

FORM VII PEST

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID (Standard): U2583 Date Analyzed: 11/09/05

Instrument ID: GCMS-U Time Analyzed: 0829

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	11660	9.29	58251	12.13	27755	16.28
UPPER LIMIT	23320	9.79	116502	12.63	55510	16.78
LOWER LIMIT	5830	8.79	29126	11.63	13878	15.78

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	JAX-PCA25-SB01-S03	WV5725-1	12409	9.29	46432	12.13	25862	16.28
02	JAX-PCA25-SB02-S05	WV5725-2	12668	9.29	60930	12.13	32590	16.28
03	JAX-PCA25-SB01-S05	WV5725-3	12321	9.29	59665	12.12	32012	16.28
04	JAX-PCA25-SB09-S03	WV5725-4	11631	9.29	56468	12.13	30306	16.28
05	JAX-PCA25-SB11-S03	WV5725-5	11739	9.29	57462	12.13	24621	16.28
06	JAX-PCA25-SB14-S03	WV5725-6	10875	9.29	49919	12.12	26750	16.27
07	JAX-PCA25-SB01-S05	WV5725-3DL	9343	9.30	43138	12.15	23924	16.30
08	JAX-PCA25-SB09-S03	WV5725-4DL	11323	9.29	52667	12.14	28839	16.30
09	JAX-PCA25-SB11-S03	WV5725-5DL	10106	9.29	44228	12.15	22957	16.30
10	JAX-PCA25-SB14-S03	WV5725-6DL	9334	9.30	42847	12.15	19606	16.28
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID (Standard): U2583 Date Analyzed: 11/09/05

Instrument ID: GCMS-U Time Analyzed: 0829

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	35407	19.86	11291	26.20	3638	29.39
UPPER LIMIT	70814	20.36	22582	26.70	7276	29.89
LOWER LIMIT	17704	19.36	5646	25.70	1819	28.89

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	JAX-PCA25-SB01-S03	WV5725-1	33580	19.86	8192	26.22	2601	29.40
02	JAX-PCA25-SB02-S05	WV5725-2	38074	19.86	9424	26.22	2694	29.40
03	JAX-PCA25-SB01-S05	WV5725-3	38292	19.83	10063	26.21	3957	29.36
04	JAX-PCA25-SB09-S03	WV5725-4	34177	19.86	10907	26.18	3169	29.38
05	JAX-PCA25-SB11-S03	WV5725-5	30032	19.83	8840	26.18	2324	29.36
06	JAX-PCA25-SB14-S03	WV5725-6	33648	19.83	8650	26.18	2003	29.38
07	JAX-PCA25-SB01-S05	WV5725-3DL	25085	19.86	7434	26.21	2376	29.39
08	JAX-PCA25-SB09-S03	WV5725-4DL	34575	19.86	10440	26.21	3606	29.38
09	JAX-PCA25-SB11-S03	WV5725-5DL	25773	19.86	6381	26.21	1995	29.39
10	JAX-PCA25-SB14-S03	WV5725-6DL	24558	19.86	6468	26.21	1319*	29.40
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID (Standard): U2601 Date Analyzed: 11/10/05

Instrument ID: GCMS-U Time Analyzed: 0818

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	10169	9.30	49631	12.14	26431	16.30
UPPER LIMIT	20338	9.80	99262	12.64	52862	16.80
LOWER LIMIT	5085	8.80	24816	11.64	13216	15.80

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG22579-BLANK	WG22579-1RA	10254	9.29	48628	12.16	24762	16.30
02	JAX-PCA25-SB17-S03	WV5725-7RA	10856	9.29	51019	12.14	26147	16.30
03	WG22579-LCS	WG22579-2	11772	9.29	57099	12.12	25284	16.28
04	WG22579-LCSD	WG22579-3	11396	9.29	48199	12.12	26495	16.28
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID (Standard): U2601 Date Analyzed: 11/10/05

Instrument ID: GCMS-U Time Analyzed: 0818

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD		32608	19.86	9862	26.22	2709	29.40
UPPER LIMIT		65216	20.36	19724	26.72	5418	29.90
LOWER LIMIT		16304	19.36	4931	25.72	1355	28.90
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG22579-BLANK	WG22579-1RA	27776	19.89	6386	26.25	1576	29.42
02 JAX-PCA25-SB17-S03	WV5725-7RA	29656	19.89	5282	26.24	1429	29.41
03 WG22579-LCS	WG22579-2	38477	19.86	9328	26.22	2531	29.41
04 WG22579-LCSD	WG22579-3	26911	19.86	5328	26.23	1002*	29.42
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/03/05
Analysis Date: 04-NOV-2005 22:47
Report Date: 11/08/2005
Matrix: SOIL
% Solids: 80.7

Lab ID: WV5725-1
Client ID: JAX-PCA25-SB01-S03
SDG: WV5725
Extracted by: KF
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG22382
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	JV	31	1.0	20	25	0.011
	n-Triacontane-D62		70%				
	O-Terphenyl		80%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/03/05
Analysis Date: 04-NOV-2005 23:57
Report Date: 11/08/2005
Matrix: SOIL
% Solids: 79.2

Lab ID: WV5725-2
Client ID: JAX-PCA25-SB02-S05
SDG: WV5725
Extracted by: KF
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG22382
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	JV	32	1.0	20	25	0.011
	n-Triacontane-D62		73%				
	O-Terphenyl		84%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/03/05
Analysis Date: 07-NOV-2005 11:14
Report Date: 11/08/2005
Matrix: SOIL
% Solids: 81.0

Lab ID: WV5725-3DL2
Client ID: JAX-PCA25-SB01-S05
SDG: WV5725
Extracted by: KF
Extraction Method: SW846 3550
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG22382
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	JV	8400	50	20	1200	0.55
	n-Triacontane-D62		D				
	O-Terphenyl		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/03/05
Analysis Date: 05-NOV-2005 08:06
Report Date: 11/08/2005
Matrix: SOIL
% Solids: 90.8

Lab ID: WV5725-4
Client ID: JAX-PCA25-SB09-S03
SDG: WV5725
Extracted by: KF
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG22382
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IJV	22	1.0	20	22	0.0099
	n-Triacontane-D62		61%				
	O-Terphenyl		69%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/03/05
Analysis Date: 05-NOV-2005 06:56
Report Date: 11/08/2005
Matrix: SOIL
% Solids: 79.2

Lab ID: WV5725-5
Client ID: JAX-PCA25-SB11-S03
SDG: WV5725
Extracted by: KF
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG22382
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	JV	77	1.0	20	25	0.011
	n-Triacontane-D62		J 58%				
	O-Terphenyl		68%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/03/05
Analysis Date: 05-NOV-2005 05:46
Report Date: 11/08/2005
Matrix: SOIL
% Solids: 81.6

Lab ID: WV5725-6
Client ID: JAX-PCA25-SB14-S03
SDG: WV5725
Extracted by: KF
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG22382
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	JV	110	1.0	20	24	0.011
	n-Triacontane-D62		66%				
	O-Terphenyl		76%				

Page 01 of 01 CVK2075.d

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/03/05
Analysis Date: 05-NOV-2005 04:36
Report Date: 11/08/2005
Matrix: SOIL
% Solids: 84.8

Lab ID: WV5725-7
Client ID: JAX-PCA25-SB17-S03
SDG: WV5725
Extracted by: KF
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG22382
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IJV	2.4	1.0	20	24	0.010
	n-Triacontane-D62		71%				
	O-Terphenyl		88%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date: 11/03/05
Analysis Date: 04-NOV-2005 14:38
Report Date: 11/08/2005
Matrix: SOIL
% Solids: 100

Lab ID: WG22382-1
Client ID: WG22382-Blank
SDG: WV5725
Extracted by: KF
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG22382
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	I	6.8	1.0	20	20	0.0090
	n-Triacontane-D62		63%				
	O-Terphenyl		95%				

FORM 2
SOIL FL-PRO SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Level:(low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 OTP#	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	WG22382-BLANK	WG22382-1	63	95							0
02	WG22382-LCS	WG22382-2	55J	92							1
03	WG22382-LCSD	WG22382-3	61	82							0
04	JAX-PCA25-SB01-S03	WV5725-1	70	80							0
05	JAX-PCA25-SB02-S05	WV5725-2	73	84							0
06	JAX-PCA25-SB17-S03	WV5725-7	71	88							0
07	JAX-PCA25-SB14-S03	WV5725-6	66	76							0
08	JAX-PCA25-SB11-S03	WV5725-5	58J	68							1
09	JAX-PCA25-SB09-S03	WV5725-4	61	69							0
10	JAX-PCA25-SB01-S05	WV5725-3DL2	D	D							0
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											

		QC LIMITS
S1	= n-Triacontane-D62	(60-118)
S2 (OTP)	= O-Terphenyl	(62-109)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date: 11/03/05
Analysis Date: 11/04/05
Report Date: 11/08/2005
Matrix: SOIL

Lab ID: WG22382-2 & WG22382-3
Client ID: WG22382-LCS & WG22382-LCSD
SDG: WV5725
Extracted by: KF
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG22382
Units: mg/Kg

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Petroleum Range Organics	57	57	NA	43	34	76	* 60	23	50	63-153

FORM III SV-2

CVK2063.d & CVK2064.d

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG22382-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID: CVK2062 Lab Sample ID: WG22382-1

Instrument ID: GC12 Date Extracted: 11/03/05

Matrix: (soil/water) SOIL Date Analyzed: 11/04/05

Level:(low/med) LOW Time Analyzed: 1438

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG22382-LCS	WG22382-2	CVK2063	11/04/05	1548
02	WG22382-LCSD	WG22382-3	CVK2064	11/04/05	1658
03	JAX-PCA25-SB01-S03	WV5725-1	CVK2069	11/04/05	2247
04	JAX-PCA25-SB02-S05	WV5725-2	CVK2070	11/04/05	2357
05	JAX-PCA25-SB17-S03	WV5725-7	CVK2074	11/05/05	0436
06	JAX-PCA25-SB14-S03	WV5725-6	CVK2075	11/05/05	0546
07	JAX-PCA25-SB11-S03	WV5725-5	CVK2076	11/05/05	0656
08	JAX-PCA25-SB09-S03	WV5725-4	CVK2077	11/05/05	0806
09	JAX-PCA25-SB01-S05	WV5725-3DL2	CVK2086	11/07/05	1114
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV SV

FORM 6
FL-PRO INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Instrument ID: GC12 Calibration Date(s): 10/13/05 10/13/05

Column: ZB-1 ID: 0.53 (mm) Calibration Time(s): 1049 1559

LAB FILE ID: RF5: CVJ2073 RF20: CVJ2072 RF50: CVJ2071
RF100: CVJ2074 RF200: CVJ2075

COMPOUND	RF5	RF20	RF50	RF100	RF200	CURVE	COEFFICENTS A0	A1	%RSD OR R^2	MAX %RSD OR R^2
C-24	19766	75774	197080	380650	718280	LINR	-1.8101829	2.773e-004	0.99882	0.99000
C-8	19020	74242	186440	366290	748230	LINR	0.23770087	2.679e-004	0.99989	0.99000
C-10	18949	75086	198030	361820	750230	LINR	-0.2096183	2.68e-004	0.99934	0.99000
C-12	15881	70596	190500	359120	745500	LINR	0.61959520	2.687e-004	0.99956	0.99000
C-14	19236	73852	190180	353880	735900	LINR	-4.3e-002	2.733e-004	0.99946	0.99000
C-16	19641	75022	187460	354880	738150	LINR	3.449e-002	2.725e-004	0.99954	0.99000
C-18	19741	71116	191670	353210	734420	LINR	1.158e-003	2.737e-004	0.99937	0.99000
C-28	20666	76430	198030	386060	716060	LINR	-2.1531269	2.776e-004	0.99824	0.99000
C-20	19968	76809	189750	356410	725830	LINR	-0.7154770	2.771e-004	0.99972	0.99000
C-22	20075	77001	147130	382310	727620	LINR	1.18377869	2.717e-004	0.99615	0.99000
FL-PRO peaks C8-C40	331090	1250000	3065700	6323500	1e+007	LINR	-2.2748792	2.73e-004	0.99989	0.99000
C-26	20168	76502	198520	389170	720450	LINR	-2.0492909	2.757e-004	0.99818	0.99000
C-38	19573	76349	135040	375080	753090	LINR	2.95768762	2.629e-004	0.99443	0.99000
C-40	13454	64094	141140	356870	730140	LINR	3.54126148	2.709e-004	0.99703	0.99000
C-30	20270	76120	197280	373460	716080	LINR	-1.8194353	2.79e-004	0.99915	0.99000
C-32	20901	54162	183880	390460	708020	LINR	-9.18e-002	2.767e-004	0.99634	0.99000
C-34	21671	79306	176190	399950	725560	LINR	-1.1796506	2.724e-004	0.99713	0.99000
C-36	22103	77521	157380	383900	738940	LINR	0.69863544	2.687e-004	0.99762	0.99000
O-Terphenyl	3914.20	3617.10	4131.40	3870.00	4105.70	AVRG		3927.69600	5.298	40.000
n-Triacontane-D62	3469.20	3239.00	3293.10	3467.50	3179.30	AVRG		3329.62067	3.991	40.000

FORM VI FL-PRO

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Instrument ID: GC12 Calibration Date: 11/04/05 Time: 1215

Lab File ID: CVK2060 Init. Calib. Date(s): 10/13/05 10/13/05

Init. Calib. Times: 1049 1559

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	50.337000	50.000000	3761.2000	0.01	0.67	25.00	LINR
C-8	49.236000	50.000000	3657.3000	0.01	-1.53	25.00	LINR
C-10	49.523000	50.000000	3711.9000	0.01	-0.95	25.00	LINR
C-12	53.330000	50.000000	3922.8000	0.01	6.66	25.00	LINR
C-14	52.052000	50.000000	3812.3000	0.01	4.10	25.00	LINR
C-16	51.117000	50.000000	3748.5000	0.01	2.23	25.00	LINR
C-18	52.409000	50.000000	3829.8000	0.01	4.82	25.00	LINR
C-28	50.355000	50.000000	3782.6000	0.01	0.71	25.00	LINR
C-20	52.115000	50.000000	3813.0000	0.01	4.23	25.00	LINR
C-22	52.167000	50.000000	3753.1000	0.01	4.33	25.00	LINR
FL-PRO peaks C8-C40	851.24000	850.00000	3675.1000	0.01	0.14	25.00	LINR
C-26	49.884000	50.000000	3767.5000	0.01	-0.23	25.00	LINR
C-38	44.499000	50.000000	3160.8000	0.01	-11.00	25.00	LINR
C-40	44.566000	50.000000	3028.4000	0.01	-10.87	25.00	LINR
C-30	51.657000	50.000000	3833.5000	0.01	3.31	25.00	LINR
C-32	51.758000	50.000000	3748.2000	0.01	3.52	25.00	LINR
C-34	51.463000	50.000000	3865.3000	0.01	2.93	25.00	LINR
C-36	44.766000	50.000000	3279.7000	0.01	-10.47	25.00	LINR
O-Terphenyl	3927.7000	3905.4000	3905.4000	0.01	-0.57	25.00	AVRG
n-Triacontane-D62	3329.6000	3096.6000	3096.6000	0.01	-7.00	25.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Instrument ID: GC12 Calibration Date: 11/05/05 Time: 0327

Lab File ID: CVK2073 Init. Calib. Date(s): 10/13/05 10/13/05

Init. Calib. Times: 1049 1559

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF20.000 or AMOUNT	CCAL RRF20.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	18.914000	20.000000	3737.0000	0.01	-5.43	25.00	LINR
C-8	20.018000	20.000000	3691.0000	0.01	0.09	25.00	LINR
C-10	20.641000	20.000000	3890.6000	0.01	3.20	25.00	LINR
C-12	21.429000	20.000000	3871.8000	0.01	7.14	25.00	LINR
C-14	20.619000	20.000000	3780.1000	0.01	3.10	25.00	LINR
C-16	20.653000	20.000000	3782.6000	0.01	3.26	25.00	LINR
C-18	20.796000	20.000000	3799.0000	0.01	3.98	25.00	LINR
C-28	18.782000	20.000000	3770.4000	0.01	-6.09	25.00	LINR
C-20	20.527000	20.000000	3832.9000	0.01	2.64	25.00	LINR
C-22	21.754000	20.000000	3785.6000	0.01	8.77	25.00	LINR
FL-PRO peaks C8-C40	351.20000	340.00000	3799.3000	0.01	3.29	25.00	LINR
C-26	18.696000	20.000000	3762.4000	0.01	-6.52	25.00	LINR
C-38	24.765000	20.000000	4148.1000	0.01	23.82	25.00	LINR
C-40	22.168000	20.000000	3437.6000	0.01	10.84	25.00	LINR
C-30	17.637000	20.000000	3486.8000	0.01	-11.82	25.00	LINR
C-32	21.090000	20.000000	3828.0000	0.01	5.45	25.00	LINR
C-34	20.058000	20.000000	3898.4000	0.01	0.29	25.00	LINR
C-36	22.656000	20.000000	4085.4000	0.01	13.28	25.00	LINR
O-Terphenyl	3927.7000	4084.6000	4084.6000	0.01	3.99	25.00	AVRG
n-Triacontane-D62	3329.6000	3234.4000	3234.4000	0.01	-2.86	25.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Instrument ID: GC12 Calibration Date: 11/05/05 Time: 1355

Lab File ID: CVK2082 Init. Calib. Date(s): 10/13/05 10/13/05

Init. Calib. Times: 1049 1559

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	52.276000	50.000000	3901.1000	0.01	4.55	25.00	LINR
C-8	50.637000	50.000000	3761.9000	0.01	1.27	25.00	LINR
C-10	55.786000	50.000000	4179.3000	0.01	11.57	25.00	LINR
C-12	59.110000	50.000000	4353.1000	0.01	18.22	25.00	LINR
C-14	55.655000	50.000000	4075.9000	0.01	11.31	25.00	LINR
C-16	53.191000	50.000000	3900.8000	0.01	6.38	25.00	LINR
C-18	54.330000	50.000000	3970.2000	0.01	8.66	25.00	LINR
C-28	50.894000	50.000000	3821.5000	0.01	1.79	25.00	LINR
C-20	54.645000	50.000000	3995.6000	0.01	9.29	25.00	LINR
C-22	53.756000	50.000000	3870.1000	0.01	7.51	25.00	LINR
FL-PRO peaks C8-C40	891.00000	850.00000	3847.2000	0.01	4.82	25.00	LINR
C-26	51.470000	50.000000	3882.5000	0.01	2.94	25.00	LINR
C-38	45.869000	50.000000	3265.0000	0.01	-8.26	25.00	LINR
C-40	52.002000	50.000000	3577.4000	0.01	4.00	25.00	LINR
C-30	53.682000	50.000000	3978.6000	0.01	7.36	25.00	LINR
C-32	52.998000	50.000000	3837.8000	0.01	6.00	25.00	LINR
C-34	50.075000	50.000000	3763.3000	0.01	0.15	25.00	LINR
C-36	44.624000	50.000000	3269.1000	0.01	-10.75	25.00	LINR
O-Terphenyl	3927.7000	4017.2000	4017.2000	0.01	2.28	25.00	AVRG
n-Triacontane-D62	3329.6000	3153.5000	3153.5000	0.01	-5.29	25.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Instrument ID: GC12 Calibration Date: 11/07/05 Time: 1003

Lab File ID: CVK2085 Init. Calib. Date(s): 10/13/05 10/13/05

Init. Calib. Times: 1049 1559

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
C-24	51.846000	50.000000	3870.0000	0.01	3.69	25.00	LINR	
C-8	51.812000	50.000000	3849.6000	0.01	3.62	25.00	LINR	
C-10	55.349000	50.000000	4146.7000	0.01	10.70	25.00	LINR	
C-12	54.640000	50.000000	4020.4000	0.01	9.28	25.00	LINR	
C-14	55.486000	50.000000	4063.6000	0.01	10.97	25.00	LINR	
C-16	53.378000	50.000000	3914.5000	0.01	6.76	25.00	LINR	
C-18	54.176000	50.000000	3958.9000	0.01	8.35	25.00	LINR	
C-28	51.335000	50.000000	3853.2000	0.01	2.67	25.00	LINR	
C-20	54.070000	50.000000	3954.1000	0.01	8.14	25.00	LINR	
C-22	53.991000	50.000000	3887.4000	0.01	7.98	25.00	LINR	
FL-PRO peaks C8-C40	848.72000	850.00000	3663.1000	0.01	-0.15	25.00	LINR	
C-26	51.205000	50.000000	3863.3000	0.01	2.41	25.00	LINR	
C-38	39.021000	50.000000	2743.9000	0.01	-21.96	25.00	LINR	
C-40	28.772000	50.000000	1862.5000	0.01	-42.46	25.00	LINR	<-
C-30	52.128000	50.000000	3867.2000	0.01	4.26	25.00	LINR	
C-32	51.258000	50.000000	3712.1000	0.01	2.52	25.00	LINR	
C-34	47.066000	50.000000	3542.4000	0.01	-5.87	25.00	LINR	
C-36	43.186000	50.000000	3162.1000	0.01	-13.63	25.00	LINR	
O-Terphenyl	3927.7000	4091.8000	4091.8000	0.01	4.18	25.00	AVRG	
n-Triacontane-D62	3329.6000	3168.9000	3168.9000	0.01	-4.83	25.00	AVRG	

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Instrument ID: GC12 Calibration Date: 11/07/05 Time: 1501

Lab File ID: CVK2089 Init. Calib. Date(s): 10/13/05 10/13/05

Init. Calib. Times: 1049 1559

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF20.000 or AMOUNT	CCAL RRF20.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
C-24	19.054000	20.000000	3762.2000	0.01	-4.73	25.00	LINR	
C-8	20.155000	20.000000	3716.6000	0.01	0.78	25.00	LINR	
C-10	21.228000	20.000000	4000.0000	0.01	6.14	25.00	LINR	
C-12	22.365000	20.000000	4046.0000	0.01	11.82	25.00	LINR	
C-14	26.091000	20.000000	4781.2000	0.01	30.46	25.00	LINR	<-
C-16	20.722000	20.000000	3795.2000	0.01	3.61	25.00	LINR	
C-18	21.652000	20.000000	3955.4000	0.01	8.26	25.00	LINR	
C-28	19.888000	20.000000	3969.6000	0.01	-0.56	25.00	LINR	
C-20	21.284000	20.000000	3969.5000	0.01	6.42	25.00	LINR	
C-22	21.666000	20.000000	3769.6000	0.01	8.33	25.00	LINR	
FL-PRO peaks C8-C40	357.85000	340.00000	3868.2000	0.01	5.25	25.00	LINR	
C-26	19.518000	20.000000	3911.5000	0.01	-2.41	25.00	LINR	
C-38	20.348000	20.000000	3308.0000	0.01	1.74	25.00	LINR	
C-40	16.434000	20.000000	2379.3000	0.01	-17.83	25.00	LINR	
C-30	19.131000	20.000000	3754.6000	0.01	-4.34	25.00	LINR	
C-32	22.096000	20.000000	4009.8000	0.01	10.48	25.00	LINR	
C-34	21.806000	20.000000	4219.3000	0.01	9.03	25.00	LINR	
C-36	24.408000	20.000000	4411.4000	0.01	22.04	25.00	LINR	
O-Terphenyl	3927.7000	3952.1000	3952.1000	0.01	0.62	25.00	AVRG	
n-Triacontane-D62	3329.6000	3414.7000	3414.7000	0.01	2.56	25.00	AVRG	

FORM VII PEST

FORM 8
FL-PRO ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

GC Column: ZB-1 ID: 0.53 (mm) Init. Calib. Date(s): 10/13/05 10/13/05

Instrument ID: GC12

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 17.93 S2 : 23.96

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		FLPRO 50UG/M	10/13/05	1049	17.93	23.96
02		FLPRO 20UG/M	10/13/05	1230	17.93	23.96
03		FLPRO 5UG/ML	10/13/05	1339	17.92	23.95
04		FLPRO 100UG/	10/13/05	1449	17.92	23.95
05		FLPRO 200UG/	10/13/05	1559	17.92	23.95
06		IND 50UG/ML	10/13/05	1709	17.92	23.95
07		FLPRO 50 UG/	11/04/05	1215	17.92	23.96
08	WG22382-BLAN	WG22382-1	11/04/05	1438	17.92	23.95
09	WG22382-LCS	WG22382-2	11/04/05	1548	17.92	23.95
10	WG22382-LCSD	WG22382-3	11/04/05	1658	17.92	23.95
11	JAX-PCA25-SB	WV5725-1	11/04/05	2247	17.92	23.96
12	JAX-PCA25-SB	WV5725-2	11/04/05	2357	17.92	23.95
13		FLPRO 20 UG/	11/05/05	0327	17.92	23.95
14	JAX-PCA25-SB	WV5725-7	11/05/05	0436	17.92	23.95
15	JAX-PCA25-SB	WV5725-6	11/05/05	0546	17.92	23.95
16	JAX-PCA25-SB	WV5725-5	11/05/05	0656	17.92	23.95
17	JAX-PCA25-SB	WV5725-4	11/05/05	0806	17.92	23.95
18		FLPRO 50 UG/	11/05/05	1355	17.92	23.95
19		FLPRO 50UG/M	11/07/05	1003	17.92	23.95
20	JAX-PCA25-SB	WV5725-3DL2	11/07/05	1114		

		QC LIMITS
S1	= O-Terphenyl	(+/- 0.36 MINUTES)
S2	= n-Triacontane-D62	(+/- 0.48 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
FL-PRO ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

GC Column: ZB-1 ID: 0.53 (mm) Init. Calib. Date(s): 10/13/05 10/13/05

Instrument ID: GC12

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 17.93 S2 : 23.96

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		FLPRO 20UG/M	11/07/05	1501	17.91	23.95
02						
03						
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

		QC LIMITS
S1	= O-Terphenyl	(+/- 0.36 MINUTES)
S2	= n-Triacontane-D62	(+/- 0.48 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5725-1
Report Date: 11-NOV-05
Client PO: MSA-0402-N4113-05 100453
Project: CTO 003 NAS JACKSONVILLE
SDG: WV5725

Sample Description	Matrix	Date Sampled	Date Received
JAX-PCA25-SB01-S03	SL	26-OCT-05	28-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	81. %	1	CLP SOW 788	WG22415	03-NOV-05 11:39:00	CLP SOW 788	02-NOV-05	JF	

340 County Road No. 5
P.O. Box 720, Westbrook, ME 04098
Tel:(207) 874-2400 Fax:(207) 775-4029
http://katahdinlab.com
sales@katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5725-2
Report Date: 11-NOV-05
Client PO: MSA-0402-N4113-05 100453
Project: CTO 003 NAS JACKSONVILLE
SDG: WV5725

Sample Description	Matrix	Date Sampled	Date Received
JAX-PCA25-SB02-S05	SL	26-OCT-05	28-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	79. %	1	CLP SOW 788	WG22415	03-NOV-05 11:40:00	CLP SOW 788	02-NOV-05	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5725-3
Report Date: 11-NOV-05
Client PO: MSA-0402-N4113-05 100453
Project: CTO 003 NAS JACKSONVILLE
SDG: WV5725

Sample Description	Matrix	Date Sampled	Date Received
JAX-PCA25-SB01-S05	SL	26-OCT-05	28-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	81. %	1	CLP SOW 788	WG22415	03-NOV-05 11:41:00	CLP SOW 788	02-NOV-05	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5725-4
Report Date: 11-NOV-05
Client PO: MSA-0402-N4113-05 100453
Project: CTO 003 NAS JACKSONVILLE
SDG: WV5725

Sample Description	Matrix	Date Sampled	Date Received
JAX-PCA25-SB09-S03	SL	26-OCT-05	28-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	91. %	1	CLP SOW 788	WG22415	03-NOV-05 11:42:00	CLP SOW 788	02-NOV-05	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5725-5
Report Date: 11-NOV-05
Client PO: MSA-0402-N4113-05 100453
Project: CTO 003 NAS JACKSONVILLE
SDG: WV5725

Sample Description	Matrix	Date Sampled	Date Received
JAX-PCA25-SB11-S03	SL	26-OCT-05	28-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	79. %	1	CLP SOW 788	WG22415	03-NOV-05 11:43:00	CLP SOW 788	02-NOV-05	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5725-6
Report Date: 11-NOV-05
Client PO: MSA-0402-N4113-05 100453
Project: CTO 003 NAS JACKSONVILLE
SDG: WV5725

Sample Description	Matrix	Date Sampled	Date Received
JAX-PCA25-SB14-S03	SL	26-OCT-05	28-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	82. %	1	CLP SOW 788	WG22415	03-NOV-05 11:44:00	CLP SOW 788	02-NOV-05	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5725-7
Report Date: 11-NOV-05
Client PO: MSA-0402-N4113-05 100453
Project: CTO 003 NAS JACKSONVILLE
SDG: WV5725

Sample Description	Matrix	Date Sampled	Date Received
JAX-PCA25-SB17-S03	SL	26-OCT-05	28-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	85. %	1	CLP SOW 788	WG22415	03-NOV-05 11:45:00	CLP SOW 788	02-NOV-05	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Quality Control Report

Blank Sample Summary Report

Total Solids

Samp Type	QC Batch	Anal. Method	Anal. Date	Prep. Date	Result	PQL
MBLANK	WG22415	CLP SOW 788	03-NOV-05	02-NOV-05	U 1 %	1 %

340 County Road No. 5
P.O. Box 720, Westbrook, ME 04098
http://katahdinlab.com
sales@katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Quality Control Report

Laboratory Control Sample Summary Report

Total Solids

Lab Sample Id	Samp Type	QC Batch	Analysis Date	Prep Date	Units	Spike Amt.	Result	Recovery	Acceptance Range	RPD
WG22415-2	LCS	WG22415	03-NOV-05	02-NOV-05	%	90	90.	100	80-120	

340 County Road No. 5
P.O. Box 720, Westbrook, ME 04098
http://katahdinlab.com
sales@katahdinlab.com

VOLATILES DATA

QC Summary Section

FORM 2
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Level:(low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	WG22523-LCS	WG22523-1	98	104	92	91	0
02	WG22523-BLANK	WG22523-2	103	116	97	97	0
03	JAX-PCA25-SB01-S03	WV5725-1	100	128J	78	99	1
04	JAX-PCA25-SB02-S05	WV5725-2	77	91	76	72	0
05	JAX-PCA25-SB01-S05	WV5725-3	87	94	92	89	0
06	JAX-PCA25-SB09-S03	WV5725-4	85	85	83	71	0
07	JAX-PCA25-SB11-S03	WV5725-5	87	88	84	75	0
08	JAX-PCA25-SB17-S03	WV5725-7	88	88	82	74	0
09	WG22558-LCS	WG22558-1	85	90	87	85	0
10	WG22558-BLANK	WG22558-2	99	109	93	91	0
11	JAX-PCA25-SB01-S03	WV5725-1RA	71	69	82	53	0
12	JAX-PCA25-SB14-S03	WV5725-6RA	84	91	94	68	0
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							

		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(57-122)
SMC2 (DCA)	= 1,2-Dichloroethane-D4	(53-127)
SMC3 (TOL)	= Toluene-D8	(62-117)
SMC4 (BFB)	= P-Bromofluorobenzene	(36-119)

Column to be used to flag recovery values

J Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 2
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	WG22458-LCS	WG22458-1	108	115	108	110	0
02	WG22458-BLANK	WG22458-2	105	115	111	108	0
03	JAX-PCA25-TB01	WV5725-8	107	120J	111	110	1
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							

		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(76-118)
SMC2 (DCA)	= 1,2-Dichloroethane-D4	(76-119)
SMC3 (TOL)	= Toluene-D8	(68-122)
SMC4 (BFB)	= P-Bromofluorobenzene	(56-119)

Column to be used to flag recovery values

J Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG22458-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID: S7187 Lab Sample ID: WG22458-2

Date Analyzed: 11/05/05 Time Analyzed: 1033

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMS-S

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG22458-LCS	WG22458-1	S7185	11/05/05	0919
02	JAX-PCA25-TB01	WV5725-8	S7188	11/05/05	1116
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV VOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG22523-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID: Z8226 Lab Sample ID: WG22523-2

Date Analyzed: 11/07/05 Time Analyzed: 1211

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: GCMS-Z

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG22523-LCS	WG22523-1	Z8224	11/07/05	1047
02	JAX-PCA25-SB01-S03	WV5725-1	Z8227	11/07/05	1255
03	JAX-PCA25-SB02-S05	WV5725-2	Z8228	11/07/05	1335
04	JAX-PCA25-SB01-S05	WV5725-3	Z8229	11/07/05	1415
05	JAX-PCA25-SB09-S03	WV5725-4	Z8230	11/07/05	1454
06	JAX-PCA25-SB11-S03	WV5725-5	Z8231	11/07/05	1534
07	JAX-PCA25-SB17-S03	WV5725-7	Z8233	11/07/05	1654
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV VOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG22558-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID: Z8247 Lab Sample ID: WG22558-2

Date Analyzed: 11/08/05 Time Analyzed: 1213

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: GCMS-Z

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG22558-LCS	WG22558-1	Z8245	11/08/05	1051
02	JAX-PCA25-SB01-S03	WV5725-1RA	Z8248	11/08/05	1256
03	JAX-PCA25-SB14-S03	WV5725-6RA	Z8249	11/08/05	1335
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV VOA

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 05-NOV-2005 10:33
Report Date: 11/15/2005
Matrix: WATER
% Solids: NA

Lab ID: WG22458-2
Client ID: WG22458-Blank
SDG: WV5725
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG22458
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		105%				
17060-07-0	1,2-Dichloroethane-D4		115%				
2037-26-5	Toluene-D8		111%				
460-00-4	P-Bromofluorobenzene		108%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 07-NOV-2005 12:11
Report Date: 11/15/2005
Matrix: SOIL
% Solids: 100

Lab ID: WG22523-2
Client ID: WG22523-Blank
SDG: WV5725
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG22523
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.9	1.0	5	5	0.9
71-43-2	Benzene	U	0.8	1.0	5	5	0.8
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	1	1.0	10	10	1
95-47-6	o-Xylene	U	0.6	1.0	5	5	0.6
1330-20-7	Xylenes (total)	U	2	1.0	15	15	2
1634-04-4	Methyl tert-butyl ether	U	0.7	1.0	10	10	0.7
1868-53-7	Dibromofluoromethane		103%				
17060-07-0	1,2-Dichloroethane-D4		116%				
2037-26-5	Toluene-D8		97%				
460-00-4	P-Bromofluorobenzene		97%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 08-NOV-2005 12:13
Report Date: 11/15/2005
Matrix: SOIL
% Solids: 100

Lab ID: WG22558-2
Client ID: WG22558-Blank
SDG: WV5725
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG22558
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.9	1.0	5	5	0.9
71-43-2	Benzene	U	0.8	1.0	5	5	0.8
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	1	1.0	10	10	1
95-47-6	o-Xylene	U	0.6	1.0	5	5	0.6
1330-20-7	Xylenes (total)	U	2	1.0	15	15	2
1634-04-4	Methyl tert-butyl ether	U	0.7	1.0	10	10	0.7
1868-53-7	Dibromofluoromethane		99%				
17060-07-0	1,2-Dichloroethane-D4		109%				
2037-26-5	Toluene-D8		93%				
460-00-4	P-Bromofluorobenzene		91%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 11/05/05
Report Date: 11/15/2005
Matrix: WATER

Lab ID: WG22458-1
Client ID: WG22458-LCS
SDG: WV5725
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG22458
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	24		48	0-183
Chloromethane	50	NA	30		61	35-145
Vinyl chloride	50	NA	40		80	43-136
Bromomethane	50	NA	37		75	57-139
Chloroethane	50	NA	46		92	48-132
Trichlorofluoromethane	50	NA	55		111	52-126
Diethyl Ether	50	NA	56		113	65-151
Tertiary-butyl alcohol	250	NA	380	*	152	55-138
1,1-Dichloroethene	50	NA	51		102	88-123
Carbon Disulfide	50	NA	49		98	63-105
Freon-113	50	NA	54		108	80-125
Iodomethane	50	NA	41		83	52-165
Acrolein	250	NA	160		64	62-117
Methylene Chloride	50	NA	51		102	79-122
Acetone	50	NA	57		115	65-156
Isobutyl Alcohol	1000	NA	1270	*	127	45-126
trans-1,2-Dichloroethene	50	NA	50		101	83-121
Allyl Chloride	50	NA	54		108	67-133
Methyl tert-butyl ether	100	NA	115		115	68-127
Acetonitrile	500	NA	616	*	123	75-122
Di-isopropyl ether	50	NA	53		106	82-124
Chloroprene	50	NA	56		112	69-128
Methacrylonitrile	500	NA	572		114	78-126
Propionitrile	500	NA	562		112	77-126
1,1-Dichloroethane	50	NA	53		106	80-118
Acrylonitrile	250	NA	275		110	65-128
Ethyl tertiary-butyl ether	50	NA	56		111	84-120
Vinyl Acetate	50	NA	41		81	77-151
cis-1,2-Dichloroethene	50	NA	49		98	85-113
1,2-Dichloroethylene (total)	100	NA	100		100	85-116
Methyl Methacrylate	50	NA	58		116	73-119
2,2-Dichloropropane	50	NA	57		114	67-134
Bromochloromethane	50	NA	52		104	85-111
Chloroform	50	NA	54		109	81-112
Carbon Tetrachloride	50	NA	57		114	79-119
Tetrahydrofuran	50	NA	60		120	66-125
1,1,1-Trichloroethane	50	NA	55		111	79-113
1,1-Dichloropropene	50	NA	55		110	82-121
2-Butanone	50	NA	83		166	97-179
Benzene	50	NA	52		104	83-117
Cyclohexane		NA				60-140
Ethyl Methacrylate	50	NA	53		106	75-116
Tertiary-amyl methyl ether	50	NA	55		110	88-117
1,2-Dichloroethane	50	NA	59	*	118	76-108
Trichloroethene	50	NA	52		103	85-118

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 11/05/05
Report Date: 11/15/2005
Matrix: WATER

Lab ID: WG22458-1
Client ID: WG22458-LCS
SDG: WV5725
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG22458
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dibromomethane	50	NA	54		107	76-132
1,2-Dichloropropane	50	NA	52		105	82-110
Bromodichloromethane	50	NA	56	*	112	78- 98
cis-1,3-dichloropropene	50	NA	56		113	85-114
1,4-Dioxane	1000	NA	1090		109	34-126
2-Chloroethylvinylether	50	NA	40		81	3-152
Toluene	50	NA	52		104	84-121
4-methyl-2-pentanone	50	NA	58		116	67-124
Tetrachloroethene	50	NA	50		100	73-112
trans-1,3-Dichloropropene	50	NA	65	*	129	91-120
1,1,2-Trichloroethane	50	NA	54		108	79-117
Dibromochloromethane	50	NA	51		102	87-112
1,3-Dichloropropane	50	NA	54		108	87-113
1,2-Dibromoethane	50	NA	54		108	83-110
2-Hexanone	50	NA	56		112	77-122
Chlorobenzene	50	NA	52		104	84-117
Ethylbenzene	50	NA	53		107	81-115
1,1,1,2-Tetrachloroethane	50	NA	56	*	111	86-109
Xylenes (total)	150	NA	158		105	85-120
m+p-Xylenes	100	NA	105		105	87-119
o-Xylene	50	NA	53		106	78-125
Styrene	50	NA	54	*	109	82-107
Bromoform	50	NA	60	*	121	75-111
Isopropylbenzene	50	NA	57		113	75-132
cis-1,4-Dichloro-2-Butene	50	NA	55		109	60-150
trans-1,4-Dichloro-2-Butene	50	NA	55		111	68-124
Bromobenzene	50	NA	50		100	84-115
N-Propylbenzene	50	NA	52		105	85-118
1,1,2,2-Tetrachloroethane	50	NA	54		108	81-116
1,3,5-Trimethylbenzene	50	NA	52		104	79-117
2-Chlorotoluene	50	NA	50		100	85-118
1,2,3-Trichloropropane	50	NA	55		110	81-112
4-Chlorotoluene	50	NA	52		105	88-114
tert-Butylbenzene	50	NA	53		106	68-125
Pentachloroethane	50	NA	52		104	40-168
1,2,4-Trimethylbenzene	50	NA	52		104	78-112
P-Isopropyltoluene	50	NA	54		107	77-116
1,3-Dichlorobenzene	50	NA	51		102	84-113
1,4-Dichlorobenzene	50	NA	51		102	83-110
N-Butylbenzene	50	NA	54		107	81-113
sec-Butylbenzene	50	NA	52		105	81-115
1,2-Dichlorobenzene	50	NA	51		102	84-114
1,2-Dibromo-3-Chloropropane	50	NA	60	*	121	72-112
1,3,5-Trichlorobenzene	50	NA	53		106	61-151
Hexachlorobutadiene	50	NA	52		104	62-116

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 11/05/05
Report Date: 11/15/2005
Matrix: WATER

Lab ID: WG22458-1
Client ID: WG22458-LCS
SDG: WV5725
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG22458
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	53		106	59-123
1,2,3-Trimethylbenzene	50	NA	53		107	87-110
Naphthalene	50	NA	51		102	36-143
1,2,3-Trichlorobenzene	50	NA	57	*	114	53-100
Methyl Acetate	50	NA	66	*	131	58-112
Methylcyclohexane	50	NA	52		104	78-112

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 11/07/05
Report Date: 11/15/2005
Matrix: SOIL

Lab ID: WG22523-1
Client ID: WG22523-LCS
SDG: WV5725
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG22523
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	22	43	13-217
Chloromethane	50	NA	31	62	36-165
Vinyl chloride	50	NA	38	76	47-159
Bromomethane	50	NA	53	105	43-181
Chloroethane	50	NA	44	88	54-157
Trichlorofluoromethane	50	NA	54	109	62-138
Diethyl Ether	50	NA	44	89	70-138
Tertiary-butyl alcohol	250	NA	259	104	74-127
1,1-Dichloroethene	50	NA	48	97	68-141
Carbon Disulfide	50	NA	49	98	45-141
Freon-113	50	NA	53	105	62-142
Iodomethane	50	NA	50	100	33-178
Acrolein	250	NA	222	89	44-146
Methylene Chloride	50	NA	48	96	34-171
Acetone	50	NA	67	134	44-226
Isobutyl Alcohol	1000	NA	801	80	77-124
trans-1,2-Dichloroethene	50	NA	53	105	72-133
Allyl Chloride	50	NA	69	* 138	66-137
Methyl tert-butyl ether	100	NA	107	107	11-259
Acetonitrile	500	NA	448	90	67-137
Di-isopropyl ether	50	NA	49	98	74-126
Chloroprene	50	NA	52	103	74-131
Methacrylonitrile	500	NA	464	93	75-127
Propionitrile	500	NA	445	89	71-128
1,1-Dichloroethane	50	NA	53	105	75-130
Acrylonitrile	250	NA	210	84	73-123
Ethyl tertiary-butyl ether	50	NA	50	100	75-125
Vinyl Acetate	50	NA	40	79	59-162
cis-1,2-Dichloroethene	50	NA	49	98	67-129
1,2-Dichloroethylene (total)	100	NA	101	101	70-130
Methyl Methacrylate	50	NA	51	102	78-126
2,2-Dichloropropane	50	NA	56	111	70-138
Bromochloromethane	50	NA	54	107	73-122
Chloroform	50	NA	56	113	73-127
Carbon Tetrachloride	50	NA	60	120	75-130
Tetrahydrofuran	50	NA	54	109	65-140
1,1,1-Trichloroethane	50	NA	59	117	71-129
1,1-Dichloropropene	50	NA	54	108	84-121
2-Butanone	50	NA	80	160	22-267
Benzene	50	NA	48	96	76-123
Cyclohexane	50	NA	47	95	60-140
Ethyl Methacrylate	50	NA	47	93	79-127
Tertiary-amyl methyl ether	50	NA	49	98	73-126
1,2-Dichloroethane	50	NA	61	122	80-123
Trichloroethene	50	NA	53	107	75-136

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 11/07/05
Report Date: 11/15/2005
Matrix: SOIL

Lab ID: WG22523-1
Client ID: WG22523-LCS
SDG: WV5725
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG22523
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dibromomethane	50	NA	54		109	83-121
1,2-Dichloropropane	50	NA	50		101	77-123
Bromodichloromethane	50	NA	54	*	109	78-107
cis-1,3-dichloropropene	50	NA	53		106	76-125
1,4-Dioxane	1000	NA	852		85	72-135
2-Chloroethylvinylether	50	NA	31		62	0-159
Toluene	50	NA	50		99	76-121
4-methyl-2-pentanone	50	NA	50		101	69-148
Tetrachloroethene	50	NA	54		108	87-114
trans-1,3-Dichloropropene	50	NA	58		115	80-136
1,1,2-Trichloroethane	50	NA	51		102	76-120
Dibromochloromethane	50	NA	57		114	87-114
1,3-Dichloropropane	50	NA	54		108	86-113
1,2-Dibromoethane	50	NA	53		105	81-120
2-Hexanone	50	NA	54		108	67-157
Chlorobenzene	50	NA	50		100	90-111
Ethylbenzene	50	NA	52		104	89-111
1,1,1,2-Tetrachloroethane	50	NA	59	*	118	89-110
Xylenes (total)	150	NA	151		101	91-113
m+p-Xylenes	100	NA	100		100	91-113
o-Xylene	50	NA	51		102	91-112
Styrene	50	NA	52		103	85-114
Bromoform	50	NA	58	*	115	92-113
Isopropylbenzene	50	NA	54		109	89-132
cis-1,4-Dichloro-2-Butene	50	NA	57		114	66-128
trans-1,4-Dichloro-2-Butene	50	NA	54		107	78-125
Bromobenzene	50	NA	49		99	87-109
N-Propylbenzene	50	NA	48		97	86-119
1,1,2,2-Tetrachloroethane	50	NA	52		104	77-119
1,3,5-Trimethylbenzene	50	NA	50		101	84-117
2-Chlorotoluene	50	NA	51		102	78-120
1,2,3-Trichloropropane	50	NA	36	*	72	83-115
4-Chlorotoluene	50	NA	50		100	84-118
tert-Butylbenzene	50	NA	47		95	76-128
Pentachloroethane	50	NA	48		97	83-119
1,2,4-Trimethylbenzene	50	NA	50		99	83-118
P-Isopropyltoluene	50	NA	50		100	91-120
1,3-Dichlorobenzene	50	NA	48		96	90-113
1,4-Dichlorobenzene	50	NA	51		101	89-112
N-Butylbenzene	50	NA	48		95	80-122
sec-Butylbenzene	50	NA	48		96	86-118
1,2-Dichlorobenzene	50	NA	50		99	90-110
1,2-Dibromo-3-Chloropropane	50	NA	50		99	66-137
1,3,5-Trichlorobenzene	50	NA	41		81	53-170
Hexachlorobutadiene	50	NA	47		93	80-117

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 11/07/05
Report Date: 11/15/2005
Matrix: SOIL

Lab ID: WG22523-1
Client ID: WG22523-LCS
SDG: WV5725
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG22523
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	48		95	75-128
1,2,3-Trimethylbenzene	50	NA	47		93	80-126
Naphthalene	50	NA	39		78	72-117
1,2,3-Trichlorobenzene	50	NA	45		89	72-126
Methyl Acetate	50	NA	58	*	115	74-113
Methylcyclohexane	50	NA	45		90	74-129

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 11/08/05
Report Date: 11/15/2005
Matrix: SOIL

Lab ID: WG22558-1
Client ID: WG22558-LCS
SDG: WV5725
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG22558
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	18	36	13-217
Chloromethane	50	NA	38	75	36-165
Vinyl chloride	50	NA	37	73	47-159
Bromomethane	50	NA	33	66	43-181
Chloroethane	50	NA	41	82	54-157
Trichlorofluoromethane	50	NA	46	93	62-138
Diethyl Ether	50	NA	46	93	70-138
Tertiary-butyl alcohol	250	NA	250	100	74-127
1,1-Dichloroethene	50	NA	46	93	68-141
Carbon Disulfide	50	NA	47	94	45-141
Freon-113	50	NA	45	91	62-142
Iodomethane	50	NA	21	42	33-178
Acrolein	250	NA	239	96	44-146
Methylene Chloride	50	NA	52	104	34-171
Acetone	50	NA	59	118	44-226
Isobutyl Alcohol	1000	NA	911	91	77-124
trans-1,2-Dichloroethene	50	NA	49	98	72-133
Allyl Chloride	50	NA	57	114	66-137
Methyl tert-butyl ether	100	NA	112	112	11-259
Acetonitrile	500	NA	534	107	67-137
Di-isopropyl ether	50	NA	54	108	74-126
Chloroprene	50	NA	52	105	74-131
Methacrylonitrile	500	NA	509	102	75-127
Propionitrile	500	NA	481	96	71-128
1,1-Dichloroethane	50	NA	51	103	75-130
Acrylonitrile	250	NA	256	102	73-123
Ethyl tertiary-butyl ether	50	NA	56	111	75-125
Vinyl Acetate	50	NA	41	83	59-162
cis-1,2-Dichloroethene	50	NA	47	94	67-129
1,2-Dichloroethylene (total)	100	NA	96	96	70-130
Methyl Methacrylate	50	NA	55	109	78-126
2,2-Dichloropropane	50	NA	56	112	70-138
Bromochloromethane	50	NA	51	102	73-122
Chloroform	50	NA	55	111	73-127
Carbon Tetrachloride	50	NA	55	110	75-130
Tetrahydrofuran	50	NA	46	93	65-140
1,1,1-Trichloroethane	50	NA	55	109	71-129
1,1-Dichloropropene	50	NA	52	104	84-121
2-Butanone	50	NA	78	156	22-267
Benzene	50	NA	50	100	76-123
Cyclohexane	50	NA	41	82	60-140
Ethyl Methacrylate	50	NA	50	99	79-127
Tertiary-amyl methyl ether	50	NA	51	101	73-126
1,2-Dichloroethane	50	NA	59	118	80-123
Trichloroethene	50	NA	52	103	75-136

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 11/08/05
Report Date: 11/15/2005
Matrix: SOIL

Lab ID: WG22558-1
Client ID: WG22558-LCS
SDG: WV5725
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG22558
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dibromomethane	50	NA	55		110	83-121
1,2-Dichloropropane	50	NA	51		102	77-123
Bromodichloromethane	50	NA	49		97	78-107
cis-1,3-dichloropropene	50	NA	55		109	76-125
1,4-Dioxane	1000	NA	1080		108	72-135
2-Chloroethylvinylether	50	NA	32		63	0-159
Toluene	50	NA	49		99	76-121
4-methyl-2-pentanone	50	NA	53		105	69-148
Tetrachloroethene	50	NA	49		99	87-114
trans-1,3-Dichloropropene	50	NA	58		117	80-136
1,1,2-Trichloroethane	50	NA	52		103	76-120
Dibromochloromethane	50	NA	52		104	87-114
1,3-Dichloropropane	50	NA	51		103	86-113
1,2-Dibromoethane	50	NA	54		109	81-120
2-Hexanone	50	NA	51		102	67-157
Chlorobenzene	50	NA	48		96	90-111
Ethylbenzene	50	NA	48		96	89-111
1,1,1,2-Tetrachloroethane	50	NA	54		108	89-110
Xylenes (total)	150	NA	141		94	91-113
m+p-Xylenes	100	NA	93		93	91-113
o-Xylene	50	NA	48		97	91-112
Styrene	50	NA	48		95	85-114
Bromoform	50	NA	52		104	92-113
Isopropylbenzene	50	NA	52		103	89-132
cis-1,4-Dichloro-2-Butene	50	NA	56		112	66-128
trans-1,4-Dichloro-2-Butene	50	NA	54		108	78-125
Bromobenzene	50	NA	49		98	87-109
N-Propylbenzene	50	NA	47		94	86-119
1,1,2,2-Tetrachloroethane	50	NA	53		106	77-119
1,3,5-Trimethylbenzene	50	NA	50		100	84-117
2-Chlorotoluene	50	NA	50		101	78-120
1,2,3-Trichloropropane	50	NA	36	*	72	83-115
4-Chlorotoluene	50	NA	50		100	84-118
tert-Butylbenzene	50	NA	46		92	76-128
Pentachloroethane	50	NA	48		96	83-119
1,2,4-Trimethylbenzene	50	NA	50		99	83-118
P-Isopropyltoluene	50	NA	49		97	91-120
1,3-Dichlorobenzene	50	NA	49		98	90-113
1,4-Dichlorobenzene	50	NA	50		101	89-112
N-Butylbenzene	50	NA	46		93	80-122
sec-Butylbenzene	50	NA	48		95	86-118
1,2-Dichlorobenzene	50	NA	50		100	90-110
1,2-Dibromo-3-Chloropropane	50	NA	52		105	66-137
1,3,5-Trichlorobenzene	50	NA	44		88	53-170
Hexachlorobutadiene	50	NA	46		92	80-117

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 11/08/05
Report Date: 11/15/2005
Matrix: SOIL

Lab ID: WG22558-1
Client ID: WG22558-LCS
SDG: WV5725
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG22558
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	50	100	75-128
1,2,3-Trimethylbenzene	50	NA	48	97	80-126
Naphthalene	50	NA	47	94	72-117
1,2,3-Trichlorobenzene	50	NA	52	105	72-126
Methyl Acetate	50	NA	58	* 116	74-113
Methylcyclohexane	50	NA	40	79	74-129

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID: SB064 BFB Injection Date: 11/03/05

Instrument ID: GCMS-S BFB Injection Time: 1303

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.3
75	30.0 - 60.0% of mass 95	44.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.7
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	71.2
175	5.0 - 9.0% of mass 174	5.8 (8.2)1
176	95.0 - 101.0% of mass 174	69.1 (97.0)1
177	5.0 - 9.0% of mass 176	4.4 (6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050S03A	S7136	11/03/05	1328
02		VSTD020S03A	S7137	11/03/05	1400
03		VSTD005S03A	S7138	11/03/05	1432
04		VSTD001S03A	S7139	11/03/05	1503
05		VSTD200S03A	S7140	11/03/05	1534
06		VSTD100S03A	S7141	11/03/05	1605
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID: SB066 BFB Injection Date: 11/05/05

Instrument ID: GCMS-S BFB Injection Time: 0809

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	27.7
75	30.0 - 60.0% of mass 95	57.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	8.2
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	75.3
175	5.0 - 9.0% of mass 174	6.0 (8.0)1
176	95.0 - 101.0% of mass 174	72.3 (96.0)1
177	5.0 - 9.0% of mass 176	4.7 (6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050S05A	S7184	11/05/05	0838
02	WG22458-LCS	WG22458-1	S7185	11/05/05	0919
03	WG22458-BLANK	WG22458-2	S7187	11/05/05	1033
04	JAX-PCA25-TB01	WV5725-8	S7188	11/05/05	1116
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID: ZB208 BFB Injection Date: 10/25/05

Instrument ID: GCMS-Z BFB Injection Time: 0730

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.1
75	30.0 - 60.0% of mass 95	56.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	8.3
173	Less than 2.0% of mass 174	1.0 (1.0)1
174	Greater than 50.0% of mass 95	106.9
175	5.0 - 9.0% of mass 174	8.0 (7.5)1
176	95.0 - 101.0% of mass 174	105.4 (98.6)1
177	5.0 - 9.0% of mass 176	6.1 (5.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050Z25A	Z7985	10/25/05	0800
02		VSTD020Z25A	Z7986	10/25/05	0839
03		VSTD010Z25A	Z7987	10/25/05	0919
04		VSTD005Z25A	Z7988	10/25/05	0959
05		VSTD200Z25A	Z7989	10/25/05	1038
06		VSTD100Z25A	Z7990	10/25/05	1118
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID: ZB224 BFB Injection Date: 11/07/05

Instrument ID: GCMS-Z BFB Injection Time: 0930

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	27.8
75	30.0 - 60.0% of mass 95	59.6
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	5.0
173	Less than 2.0% of mass 174	1.0 (1.0)1
174	Greater than 50.0% of mass 95	101.3
175	5.0 - 9.0% of mass 174	8.2 (8.1)1
176	95.0 - 101.0% of mass 174	96.8 (95.5)1
177	5.0 - 9.0% of mass 176	7.7 (8.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050Z07A	Z8223	11/07/05	1003
02	WG22523-LCS	WG22523-1	Z8224	11/07/05	1047
03	WG22523-BLANK	WG22523-2	Z8226	11/07/05	1211
04	JAX-PCA25-SB01-S03	WV5725-1	Z8227	11/07/05	1255
05	JAX-PCA25-SB02-S05	WV5725-2	Z8228	11/07/05	1335
06	JAX-PCA25-SB01-S05	WV5725-3	Z8229	11/07/05	1415
07	JAX-PCA25-SB09-S03	WV5725-4	Z8230	11/07/05	1454
08	JAX-PCA25-SB11-S03	WV5725-5	Z8231	11/07/05	1534
09	JAX-PCA25-SB17-S03	WV5725-7	Z8233	11/07/05	1654
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID: ZB225 BFB Injection Date: 11/08/05

Instrument ID: GCMS-Z BFB Injection Time: 0938

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	27.9
75	30.0 - 60.0% of mass 95	56.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	1.1 (1.1)1
174	Greater than 50.0% of mass 95	102.8
175	5.0 - 9.0% of mass 174	8.3 (8.0)1
176	95.0 - 101.0% of mass 174	103.5 (100.7)1
177	5.0 - 9.0% of mass 176	7.6 (7.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050Z08A	Z8244	11/08/05	1007
02	WG22558-LCS	WG22558-1	Z8245	11/08/05	1051
03	WG22558-BLANK	WG22558-2	Z8247	11/08/05	1213
04	JAX-PCA25-SB01-S03	WV5725-1RA	Z8248	11/08/05	1256
05	JAX-PCA25-SB14-S03	WV5725-6RA	Z8249	11/08/05	1335
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID (Standard): S7184 Date Analyzed: 11/05/05

Instrument ID: GCMS-S Time Analyzed: 0838

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD	596996	9.43	1031220	10.12	877883	13.59
UPPER LIMIT	1193992	9.93	2062440	10.62	1755766	14.09
LOWER LIMIT	298498	8.93	515610	9.62	438942	13.09

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG22458-LCS	WG22458-1	602102	9.43	1050747	10.11	870642	13.59
02	WG22458-BLANK	WG22458-2	566571	9.42	958680	10.11	795549	13.59
03	JAX-PCA25-TB01	WV5725-8	612237	9.42	1043417	10.12	862175	13.59
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID (Standard): S7184 Date Analyzed: 11/05/05

Instrument ID: GCMS-S Time Analyzed: 0838

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		419381	16.74				
UPPER LIMIT		838762	17.24				
LOWER LIMIT		209691	16.24				
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG22458-LCS	WG22458-1	414978	16.74				
02 WG22458-BLANK	WG22458-2	359170	16.74				
03 JAX-PCA25-TB01	WV5725-8	386657	16.74				
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID (Standard): Z8223 Date Analyzed: 11/07/05

Instrument ID: GCMS-Z Time Analyzed: 1003

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS1(PFB) AREA #	IS1(PFB) RT #	IS2(DFB) AREA #	IS2(DFB) RT #	IS3(CBZ) AREA #	IS3(CBZ) RT #
12 HOUR STD	331347	8.47	421791	9.31	353574	12.54
UPPER LIMIT	662694	8.97	843582	9.81	707148	13.04
LOWER LIMIT	165674	7.97	210896	8.81	176787	12.04

	CLIENT SAMPLE ID	LAB SAMPLE ID	IS1(PFB) AREA #	IS1(PFB) RT #	IS2(DFB) AREA #	IS2(DFB) RT #	IS3(CBZ) AREA #	IS3(CBZ) RT #
01	WG22523-LCS	WG22523-1	374885	8.48	451899	9.32	357543	12.54
02	WG22523-BLANK	WG22523-2	362014	8.47	423851	9.32	343725	12.54
03	JAX-PCA25-SB01-S03	WV5725-1	95083*	8.46	112622*	9.31	88595*	12.54
04	JAX-PCA25-SB02-S05	WV5725-2	229177	8.48	253871	9.32	205106	12.54
05	JAX-PCA25-SB01-S05	WV5725-3	378526	8.47	425793	9.32	356505	12.54
06	JAX-PCA25-SB09-S03	WV5725-4	429171	8.47	497486	9.32	409795	12.54
07	JAX-PCA25-SB11-S03	WV5725-5	398838	8.46	483463	9.30	397913	12.53
08	JAX-PCA25-SB17-S03	WV5725-7	414148	8.47	501848	9.30	413705	12.54
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID (Standard): Z8223 Date Analyzed: 11/07/05

Instrument ID: GCMS-Z Time Analyzed: 1003

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	193652	14.37				
UPPER LIMIT	387304	14.87				
LOWER LIMIT	96826	13.87				

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG22523-LCS	WG22523-1	220455	14.36				
02	WG22523-BLANK	WG22523-2	206750	14.36				
03	JAX-PCA25-SB01-S03	WV5725-1	53324*	14.37				
04	JAX-PCA25-SB02-S05	WV5725-2	105618	14.36				
05	JAX-PCA25-SB01-S05	WV5725-3	189736	14.36				
06	JAX-PCA25-SB09-S03	WV5725-4	225608	14.36				
07	JAX-PCA25-SB11-S03	WV5725-5	230831	14.36				
08	JAX-PCA25-SB17-S03	WV5725-7	241217	14.36				
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID (Standard): Z8244 Date Analyzed: 11/08/05

Instrument ID: GCMS-Z Time Analyzed: 1007

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD	393578	8.47	450073	9.31	366776	12.54
UPPER LIMIT	787156	8.97	900146	9.81	733552	13.04
LOWER LIMIT	196789	7.97	225037	8.81	183388	12.04

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG22558-LCS	WG22558-1	388646	8.48	460096	9.32	399001	12.54
02	WG22558-BLANK	WG22558-2	386001	8.46	457446	9.31	376994	12.54
03	JAX-PCA25-SB01-S03	WV5725-1RA	209028	8.46	231514	9.30	172914*	12.54
04	JAX-PCA25-SB14-S03	WV5725-6RA	417345	8.49	538854	9.33	440954	12.54
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID (Standard): Z8244 Date Analyzed: 11/08/05

Instrument ID: GCMS-Z Time Analyzed: 1007

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		226393	14.37				
UPPER LIMIT		452786	14.87				
LOWER LIMIT		113197	13.87				
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	WG22558-LCS	WG22558-1	232179	14.36			
02	WG22558-BLANK	WG22558-2	222495	14.37			
03	JAX-PCA25-SB01-S03	WV5725-1RA	91100*	14.37			
04	JAX-PCA25-SB14-S03	WV5725-6RA	242933	14.38			
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Sample Data Section

FLORIDA DATA QUALIFIERS

I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
*	Compound recovery outside of quality control limits.
L	Off-scale high. Actual value is known to be greater than value given. To be used when the concentration of the analyte is above the acceptable level for quantitation (exceeds the linear range of highest calibration standard) and the calibration curve is known to exhibit a negative deflection.
J	Estimated value. A justification will be included in the narrative for any result that has been flagged with a "J".
V	Indicates the analyte was detected in the sample and the associated method blank.
N	Presumptive evidence of a compound based on a mass spectral library search.
Q	Sample held beyond the accepted holding time. This code shall be used if the value is derived from a sample that was prepared or analyzed after the approved holding time restrictions for sample preparation or analysis
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date:
Analysis Date: 07-NOV-2005 12:55
Report Date: 11/15/2005
Matrix: SOIL
% Solids: 80.7

Lab ID: WV5725-1
Client ID: JAX-PCA25-SB01-S03
SDG: WV5725
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG22523
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.8	1.0	5	5	0.8
71-43-2	Benzene	U	0.7	1.0	5	5	0.7
100-41-4	Ethylbenzene	U	0.7	1.0	5	5	0.7
	m+p-Xylenes	U	1	1.0	10	10	1
95-47-6	o-Xylene	U	0.6	1.0	5	5	0.6
1330-20-7	Xylenes (total)	U	2	1.0	15	15	2
1634-04-4	Methyl tert-butyl ether	U	0.6	1.0	10	10	0.6
1868-53-7	Dibromofluoromethane		100%				
17060-07-0	1,2-Dichloroethane-D4		J128%				
2037-26-5	Toluene-D8		78%				
460-00-4	P-Bromofluorobenzene		99%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date:
Analysis Date: 08-NOV-2005 12:56
Report Date: 11/15/2005
Matrix: SOIL
% Solids: 80.7

Lab ID: WV5725-1RA
Client ID: JAX-PCA25-SB01-S03
SDG: WV5725
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG22558
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.8	1.0	5	5	0.8
71-43-2	Benzene	U	0.8	1.0	5	5	0.8
100-41-4	Ethylbenzene	U	0.7	1.0	5	5	0.7
	m+p-Xylenes	U	1	1.0	10	10	1
95-47-6	o-Xylene	U	0.6	1.0	5	5	0.6
1330-20-7	Xylenes (total)	U	2	1.0	15	15	2
1634-04-4	Methyl tert-butyl ether	U	0.6	1.0	10	10	0.6
1868-53-7	Dibromofluoromethane		71%				
17060-07-0	1,2-Dichloroethane-D4		69%				
2037-26-5	Toluene-D8		82%				
460-00-4	P-Bromofluorobenzene		53%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date:
Analysis Date: 07-NOV-2005 13:35
Report Date: 11/15/2005
Matrix: SOIL
% Solids: 79.2

Lab ID: WV5725-2
Client ID: JAX-PCA25-SB02-S05
SDG: WV5725
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG22523
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.7	1.0	5	5	0.7
71-43-2	Benzene	U	0.7	1.0	5	5	0.7
100-41-4	Ethylbenzene	U	0.6	1.0	5	5	0.6
	m+p-Xylenes	U	1	1.0	10	10	1
95-47-6	o-Xylene	U	0.5	1.0	5	5	0.5
1330-20-7	Xylenes (total)	U	2	1.0	15	15	2
1634-04-4	Methyl tert-butyl ether	U	0.6	1.0	10	10	0.6
1868-53-7	Dibromofluoromethane		77%				
17060-07-0	1,2-Dichloroethane-D4		91%				
2037-26-5	Toluene-D8		76%				
460-00-4	P-Bromofluorobenzene		72%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date:
Analysis Date: 07-NOV-2005 14:15
Report Date: 11/15/2005
Matrix: SOIL
% Solids: 81.0

Lab ID: WV5725-3
Client ID: JAX-PCA25-SB01-S05
SDG: WV5725
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG22523
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.9	1.0	5	5	0.9
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	1	1.0	10	11	1
95-47-6	o-Xylene	U	0.7	1.0	5	5	0.7
1330-20-7	Xylenes (total)	U	2	1.0	15	16	2
1634-04-4	Methyl tert-butyl ether	U	0.7	1.0	10	11	0.7
1868-53-7	Dibromofluoromethane		87%				
17060-07-0	1,2-Dichloroethane-D4		94%				
2037-26-5	Toluene-D8		92%				
460-00-4	P-Bromofluorobenzene		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date:
Analysis Date: 07-NOV-2005 14:54
Report Date: 11/15/2005
Matrix: SOIL
% Solids: 90.8

Lab ID: WV5725-4
Client ID: JAX-PCA25-SB09-S03
SDG: WV5725
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG22523
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	1	1.0	5	6	1
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	1.0	1.0	5	6	1.0
	m+p-Xylenes	U	2	1.0	10	12	2
95-47-6	o-Xylene	U	0.8	1.0	5	6	0.8
1330-20-7	Xylenes (total)	U	2	1.0	15	19	2
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	10	12	0.8
1868-53-7	Dibromofluoromethane		85%				
17060-07-0	1,2-Dichloroethane-D4		85%				
2037-26-5	Toluene-D8		83%				
460-00-4	P-Bromofluorobenzene		71%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date:
Analysis Date: 07-NOV-2005 15:34
Report Date: 11/15/2005
Matrix: SOIL
% Solids: 79.2

Lab ID: WV5725-5
Client ID: JAX-PCA25-SB11-S03
SDG: WV5725
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG22523
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	1	1.0	5	6	1
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	1.0	1.0	5	6	1.0
	m+p-Xylenes	U	2	1.0	10	13	2
95-47-6	o-Xylene	U	0.8	1.0	5	6	0.8
1330-20-7	Xylenes (total)	U	2	1.0	15	19	2
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	10	13	0.8
1868-53-7	Dibromofluoromethane		87%				
17060-07-0	1,2-Dichloroethane-D4		88%				
2037-26-5	Toluene-D8		84%				
460-00-4	P-Bromofluorobenzene		75%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date:
Analysis Date: 08-NOV-2005 13:35
Report Date: 11/15/2005
Matrix: SOIL
% Solids: 81.6

Lab ID: WV5725-6RA
Client ID: JAX-PCA25-SB14-S03
SDG: WV5725
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG22558
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	1.0	1.0	5	6	1.0
71-43-2	Benzene	U	0.9	1.0	5	6	0.9
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
	m+p-Xylenes	U	1	1.0	10	11	1
95-47-6	o-Xylene	U	0.7	1.0	5	6	0.7
1330-20-7	Xylenes (total)	U	2	1.0	15	17	2
1634-04-4	Methyl tert-butyl ether	U	0.7	1.0	10	11	0.7
1868-53-7	Dibromofluoromethane		84%				
17060-07-0	1,2-Dichloroethane-D4		91%				
2037-26-5	Toluene-D8		94%				
460-00-4	P-Bromofluorobenzene		68%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date:
Analysis Date: 07-NOV-2005 16:54
Report Date: 11/15/2005
Matrix: SOIL
% Solids: 84.8

Lab ID: WV5725-7
Client ID: JAX-PCA25-SB17-S03
SDG: WV5725
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG22523
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	1.0	1.0	5	6	1.0
71-43-2	Benzene	U	0.9	1.0	5	6	0.9
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
	m+p-Xylenes	U	1	1.0	10	11	1
95-47-6	o-Xylene	U	0.7	1.0	5	6	0.7
1330-20-7	Xylenes (total)	U	2	1.0	15	17	2
1634-04-4	Methyl tert-butyl ether	U	0.7	1.0	10	11	0.7
1868-53-7	Dibromofluoromethane		88%				
17060-07-0	1,2-Dichloroethane-D4		88%				
2037-26-5	Toluene-D8		82%				
460-00-4	P-Bromofluorobenzene		74%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 09/27/05
Received Date: 10/28/05
Extraction Date:
Analysis Date: 05-NOV-2005 11:16
Report Date: 11/15/2005
Matrix: WATER
% Solids: NA

Lab ID: WV5725-8
Client ID: JAX-PCA25-TB01
SDG: WV5725
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG22458
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		107%				
17060-07-0	1,2-Dichloroethane-D4		J120%				
2037-26-5	Toluene-D8		111%				
460-00-4	P-Bromofluorobenzene		110%				

Standards Data Section

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Instrument ID: GCMS-S Calibration Date(s): 11/03/05 11/03/05

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1328 1605

LAB FILE ID: RF1: S7139 RF5: S7138 RF20: S7137
RF50: S7136 RF100: S7141 RF200: S7140

COMPOUND	RF1	RF5	RF20	RF50	RF100	RF200	CURVE	COEFF. A1	%RSD OR R^2	MAX %RSD OR R^2
Toluene	0.732	0.747	0.735	0.766	0.777	0.795	AVRG	0.75871111	3.267	15.000
Benzene	1.170	1.198	1.192	1.264	1.254	1.307	AVRG	1.23105918	4.262	15.000
Ethylbenzene	1.557	1.640	1.620	1.728	1.726	1.721	AVRG	1.66527869	4.255	15.000
m+p-Xylenes	0.579	0.610	0.612	0.639	0.644	0.640	AVRG	0.62070156	4.096	15.000
o-Xylene	0.503	0.576	0.583	0.621	0.634	0.648	AVRG	0.59419954	8.894	15.000
Xylenes (total)							AVRG			0.000
Methyl tert-butyl ether	1.087	1.220	1.282	1.259	1.261	1.404	AVRG	1.25199265	8.168	15.000
Dibromofluoromethane	0.556	0.454	0.497	0.560	0.543	0.577	AVRG	0.53119901	8.759	15.000
1,2-Dichloroethane-D4	0.636	0.502	0.511	0.536	0.512	0.540	AVRG	0.53944941	9.198	15.000
Toluene-D8	1.114	0.931	0.979	1.114	1.035	1.053	AVRG	1.03766917	7.059	15.000
P-Bromofluorobenzene	0.450	0.356	0.371	0.405	0.391	0.410	AVRG	0.39735096	8.301	15.000

Average %RSD test result.

Calculate Average %RSD: 10.97838020
Maximum Average %RSD: 15.00000000

Note: Passes Average %RSD Test.

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Instrument ID: GCMS-Z Calibration Date(s): 10/25/05 10/25/05

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 0800 1118

LAB FILE ID: RF5: Z7988 RF10: Z7987 RF20: Z7986
RF50: Z7985 RF100: Z7990 RF200: Z7989

COMPOUND	RF5	RF10	RF20	RF50	RF100	RF200	CURVE	COEFF. A1	%RSD OR R^2	MAX %RSD OR R^2
Toluene	0.754	0.669	0.846	0.714	0.810	0.792	AVRG	0.76415605	8.550	15.000
Benzene	1.110	1.034	1.240	1.092	1.249	1.189	AVRG	1.15204058	7.538	15.000
Ethylbenzene	1.777	1.699	2.061	1.796	1.980	1.912	AVRG	1.87048292	7.315	15.000
m+p-Xylenes	0.610	0.614	0.757	0.642	0.694	0.687	AVRG	0.66727656	8.480	15.000
o-Xylene	0.600	0.589	0.711	0.611	0.692	0.673	AVRG	0.64579421	8.101	15.000
Xylenes (total)							AVRG			0.000
Methyl tert-butyl ether	1.342	1.327	1.504	1.299	1.471	1.451	AVRG	1.39896638	6.174	15.000
Dibromofluoromethane	0.610	0.552	0.613	0.584	0.586	0.575	AVRG	0.58676463	3.883	15.000
1,2-Dichloroethane-D4	0.751	0.758	0.759	0.728	0.678	0.629	AVRG	0.71732555	7.393	15.000
Toluene-D8	1.163	1.068	1.227	1.152	1.223	1.144	AVRG	1.16268635	5.032	15.000
P-Bromofluorobenzene	0.497	0.478	0.554	0.497	0.506	0.470	AVRG	0.50029070	5.919	15.000

Average %RSD test result.

Calculate Average %RSD: 8.550726891
Maximum Average %RSD: 15.00000000

Note: Passes Average %RSD Test.

FORM VI VOA

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Instrument ID: GCMS-S Calibration Date: 11/05/05 Time: 0838

Lab File ID: S7184 Init. Calib. Date(s): 11/03/05 11/03/05

Init. Calib. Times: 1328 1605

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE	
Toluene	0.7590000	0.8132500	0.01	7.15	20.00	AVRG	
Benzene	1.2310000	1.3234000	0.01	7.51		AVRG	
Ethylbenzene	1.6650000	1.8114000	0.01	8.79	20.00	AVRG	
m+p-Xylenes	0.6210000	0.6668400	0.01	7.38		AVRG	
o-Xylene	0.5940000	0.6381400	0.01	7.43		AVRG	
Xylenes (total)	0.0000000	1.9718000	0.01	0.00		AVRG	<-
Methyl tert-butyl ether	1.2520000	1.4436000	0.01	15.30		AVRG	
Dibromofluoromethane	0.5310000	0.5738500	0.01	8.07		AVRG	
1,2-Dichloroethane-D4	0.5400000	0.6418400	0.01	18.86		AVRG	
Toluene-D8	1.0380000	1.1438000	0.01	10.19		AVRG	
P-Bromofluorobenzene	0.3970000	0.4514700	0.01	13.72		AVRG	

FORM VII PEST

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Instrument ID: GCMS-Z Calibration Date: 11/07/05 Time: 1003

Lab File ID: Z8223 Init. Calib. Date(s): 10/25/05 10/25/05

Init. Calib. Times: 0800 1118

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE	
Toluene	0.7640000	0.7726400	0.01	1.13	20.00	AVRG	
Benzene	1.1520000	1.1471000	0.01	-0.42		AVRG	
Ethylbenzene	1.8710000	1.8653000	0.01	-0.30	20.00	AVRG	
m+p-Xylenes	0.6670000	0.6649800	0.01	-0.30		AVRG	
o-Xylene	0.6460000	0.6634500	0.01	2.70		AVRG	
Xylenes (total)	0.0000000	0.6644700	0.01	0.00		AVRG	<-
Methyl tert-butyl ether	1.3990000	1.6269000	0.01	16.29		AVRG	
Dibromofluoromethane	0.5870000	0.6322900	0.01	7.72		AVRG	
1,2-Dichloroethane-D4	0.7170000	0.8817600	0.01	22.98		AVRG	
Toluene-D8	1.1630000	1.1306000	0.01	-2.78		AVRG	
P-Bromofluorobenzene	0.5000000	0.4992400	0.01	-0.15		AVRG	

FORM VII PEST

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Instrument ID: GCMS-Z Calibration Date: 11/08/05 Time: 1007

Lab File ID: Z8244 Init. Calib. Date(s): 10/25/05 10/25/05

Init. Calib. Times: 0800 1118

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE	
Toluene	0.7640000	0.7500300	0.01	-1.83	20.00	AVRG	
Benzene	1.1520000	1.1292000	0.01	-1.98		AVRG	
Ethylbenzene	1.8710000	1.9522000	0.01	4.34	20.00	AVRG	
m+p-Xylenes	0.6670000	0.7001600	0.01	4.97		AVRG	
o-Xylene	0.6460000	0.6781000	0.01	4.97		AVRG	
Xylenes (total)	0.0000000	0.6928100	0.01	0.00		AVRG	<-
Methyl tert-butyl ether	1.3990000	1.4123000	0.01	0.95		AVRG	
Dibromofluoromethane	0.5870000	0.5250100	0.01	-10.56		AVRG	
1,2-Dichloroethane-D4	0.7170000	0.6741000	0.01	-5.98		AVRG	
Toluene-D8	1.1630000	1.0136000	0.01	-12.85		AVRG	
P-Bromofluorobenzene	0.5000000	0.4518900	0.01	-9.62		AVRG	

FORM VII PEST

Logbooks and Supporting Documents

KATAHDIN ANALYTICAL SERVICES
GCMS-S INSTRUMENT RUNLOG

DATE/TIME OF BFB INJECTION: 110305C
Reviewed by/Date:

SAMPLE NAME	DATAFILE	DF	ALS #	METHOD	Y/N	MS/MSD	PH	ANALYST	COMMENTS
50NG BFB	SB064	—	—	BFB288A@	Y	NA	NA	SKT	
VSTD050503A *	S7136	1	10	S826A60	Y				Curve Good
VSTD020503A *	S7137	1	11		Y				
VSTD005503A *	S7138	1	12		Y				
VSTD001503A *	S7139	1	13		Y				
VSTD200503A *	S7140	1	14		Y				
VSTD100503A *	S7141	1	15		Y				
LCSA	42	1	16		N	—	—		
LCSB WG22407-1	43	1	17		Y	—	—		
BLKA	44	1	18		N	—	—		
BLKB WG22407-2	45	1	19		Y	—	—		
WV5634-4	46	1	20		Y	30	<2		
-5	47	1	21		Y	31	<2		
-6	48	1	22		Y	32	<2		
-7	49	1	23		Y	33	<2		
WV5635-1	50	1	24		Y	34	<2		
-2	51	1	25		Y	35	<2		
-3	52	1	26		Y	36	<2		
-4	53	1	27		Y	37	<2		
-5	54	1	28		Y	38	<2		
-6DL	55	20	29		Y	39	<2		
WV5745-1	56	1	30		Y	40	<2		
-2	57	1	31		Y	41	<2		
-3	58	1	32		Y	43	<2		
Rinse Blk	59	1	33		—	—	—		
	60	1	34		—	—	—		
	61	1	35		—	—	—		SKT 110405

STANDARD	CODE
BFB	V0338
CAL. STD.	V0347
LCS/MS MIX	V0354
EXTRAS MIX	V0346

STANDARD	CODE
IS MIX	V0355
SS MIX	V0356

Circle Methods:

SW846 8260	OLM 04.2
EPA 624	OLM 03.1
EPA 524	OLC 02.1
SIM	OLC 03.2

KATAHDIN ANALYTICAL SERVICES
GCMS-S INSTRUMENT RUNLOG

DATE/TIME OF BFB INJECTION: 110505
Reviewed by/Date:

SAMPLE NAME	DATAFILE	DF	ALS #	METHOD	Y/N	MS/MSD	PH	ANALYST	COMMENTS
50 NG BFB	58066	—	—	BFB288AQ	Y	—	—	SKT	
VSTD050505A	57184	1	10	S826A60	Y	—	—		
LCSA WG22458-1	57185	1	11		Y	—	—		10% out
VBLKA	57186	1	12		N	—	—		
VBLKB WG22458-2	57187	1	13		Y	—			
WV5725-8	57188	1	14		Y	57	<2		1↑SS No hits ↑PQL
WV5713-8	57189	1	15		Y	58	<2		
WV5658-10	57190	1	16		Y	59	<2		1↑SS No hits ↑PQL
WV5731-12	57191	1	17		Y	60	<2		
WV5713-2	57192	1	18		Y	61	<2		
-3	57193	1	19		Y	62	<2		
WV5730-15	57194	1	20		Y	63	<2		
-16	57195	1	21		Y	64	<2		1↑SS No hits ↑PQL
-17	57196	1	22		Y	65	<2		1↑SS RR 1:1
WV5658-8	57197	1	23		Y	66	<2		1↑SS No hits ↑PQL
-9	57198	1	24		Y	67	<2		1↑SS No hits ↑PQL
-11	57199	1	25		Y	68	<2		1↑SS No hits ↑PQL
-12	57200	1	26		Y	69	<2		
-13	57201	1	27		Y	70	<2		
-7	57202	1	28		Y	71	<2		
RINSE	57203	1	29		—	—	—		
	57204	1	30		—	—	—		
	57205	1	31		—	—	—		
									SKT 110603

STANDARD	CODE
BFB	V0338
CAL. STD.	V0347
LCS/MS MIX SKT 110603	~~V03~~ V0354
EXTRAS MIX	V0346

STANDARD	CODE
IS MIX	V0355
SS MIX	V0356

Circle Methods:

~~SW846 8260~~	OLM 04.2
EPA 624	OLM 03.1
EPA 524	OLC 02.1
SIM	OLC 03.2

KATAHDIN ANALYTICAL SERVICES
GCMS-Z INSTRUMENT RUNLOG

DATE/TIME OF BFB INJECTION: 102505
Reviewed by/Date:

SAMPLE NAME	DATAFILE	DF	ALS #	METHOD	Y/N	MS/MSD	PH	ANALYST	COMMENTS
50ng BFB	ZB208	1	—	BFB288SL	Y	—	—	JLP	
VSTD050225A *	Z7985		10	Z826S07	Y	—	—		
020 *	86		11		Y	—	—		Curve
010 *	87		12		Y	—	—		
005 *	88		13		Y	—	—		Good
200 *	89		14		Y	—	—		
100 *	90		15		Y	—	—		

102505
AcH

STANDARD	CODE
BFB	V0306
CAL. STD.	V0337
LCS/MS MIX	
EXTRAS MIX	V0323

STANDARD	CODE
IS MIX	V0330
SS MIX	V0331

Circle Methods:

SW846 8260	OLM 04.2
EPA 624	OLM 03.1
EPA 524	OLC 02.1
SIM	OLC 03.2

QAMS298

Katahdin Analytical Services 0100005051

KATAHDIN ANALYTICAL SERVICES
GCMS-Z INSTRUMENT RUNLOG

DATE/TIME OF BFB INJECTION: 110705
Reviewed by/Date:

SAMPLE NAME	DATAFILE	DF	ALS #	METHOD	Y/N	MS/MSD	PH	ANALYST	COMMENTS
50ng BFB	ZB224	—	—	BFB2885L	Y	—	—	ALH	
V6TD050Z074	Z8223	1	10	Z826507	Y	—	—		
LCSA WG22523-1	Z8224	1	11		Y	—	—		
BLKA	Z8225	1	12		N	—	—		
BLKB WG22523-2	Z8226	1	13		Y	—	—		
WV5725-1	27	1	14		Y	12	—		↓4IS ↑SS RR 1:1
-2	28	1	15		Y	13	—		
-3	29 ✓	1	16		Y	14	—		
-4	30 ✓	1	17		Y	15	—		
-5	31	1	18		Y	16	—		
-6 X	32	1	19		Y	17	—		↓4IS ↓1SS RR 1:1
-7	33	1	20		Y	18	—		
WV5856-1	34	1	21		Y	19	—		
-2	35	1	22		Y	20	—		
-3	36	1	23		Y	21	—		
-5	37	1	24		Y	22	—		
-6	38	1	25		Y	23	—		↓2SS RR 1:1
-7	39	1	26		Y	24	—		
-8	40	1	27		Y	25	—		OOC RR1:1 ↓1SS
-9	41	1	28		Y	26	—		RR1:1
Rinse Blk	42	1	29		—	—	—		
Rinse Blk	43	1	30		—	—	—		
									110805 ALH

STANDARD	CODE
BFB	V0338
CAL. STD.	V0340
LCS/MS MIX	V0339
EXTRAS MIX	V0346

STANDARD	CODE
IS MIX	V0364
SS MIX	V0365

Circle Methods:

SW846 8260	OLM 04.2
EPA 624	OLM 03.1
EPA 524	OLC 02.1
SIM	OLC 03.2

KATAHDIN ANALYTICAL SERVICES
GCMS-Z INSTRUMENT RUNLOG

DATE/TIME OF BFB INJECTION: 110805
Reviewed by/Date:

SAMPLE NAME	DATAFILE	DF	ALS #	METHOD	Y/N	MS/MSD	FH	ANALYST	COMMENTS
50ng BFB	ZB225	—	—	BFB288~~6~~	Y	—	—	ALH	
VSTD050Z08A	Z8244	1	10	Z826~~8~~07	Y	—	—		
LCGA WG22558-1	Z8245	1	11		Y	—	—		
BLKA	Z8246	1	12		N	—	—		
BLKB WG22558-2	Z8247	1	13		Y	—	—		
WV5725-1RA	48	1	14		Y	27	—		↓2IS
↓ -6RA	49	1	15		Y	28	—		↓
WV5856-6RA	50	1	16		Y	29	—		
-8RA	51	1	17		Y	30	—		
-9RA	52	1	18		Y	31	—		
-10	53	1	19		Y	32	—		
-11	54	1	20		Y	33	—		
-12	55	1	21		Y	34	—		
-13	56	1	22		Y	35	—		
-14	57	1	23		Y	36	—		
-15	58	1	24		Y	37	—		↓4IS↓1SS BR 1:1
-4	59	1	25		Y	38	—		
-4MS	60	1	26		N	MS	—		WG22558-3 ↓IS ↓1SS
↓ -4MSD	61	1	27		N	MSD	—		WG22558-4 ↓OOC
Rinse BLK	62	1	28						
Rinse BLK	63	1	29						
									110905 ALH

STANDARD	CODE
BFB	V0338
CAL. STD.	V0340
LCS/MS MIX	V0339
EXTRAS MIX	V0346

STANDARD	CODE
IS MIX	V0364
SS MIX	V0365

Circle Methods:

SW846 8260	OLM 04.2
EPA 624	OLM 03.1
EPA 524	OLC 02.1
SIM	OLC 03.2

KATAHDIN ANALYTICAL SERVICES, INC.
GC Vial Prep Log

Method: MA DEP VPH
Reviewed By/Date:

40 ml vial
5 ml H_2O + SB

Date	Init.	Vial Number	Vial Weight Empty (g)	Vial + Methanol (g)	Vial + Methanol + Sample (g)	Sample Weight (g)	Comments
9/26	W	19921		30.91			
		19922		30.81			
		19923		30.91	36.8	4.89	WV5725-5
		19924		30.98			
		19925		31.05			
		19926		31.01			
		19927		31.11			
		19928		30.94			
		19929		30.91			
		19930		30.90			
		19931		30.92			
		19932		30.97			
		19933		30.86	38.4	7.54	WV5725-2
		19934		31.05			
		19935		31.01			
		19936		30.93			
		19937		30.71			
		19938		31.09			
		19939		31.03			
		19940		31.26	37.6	6.34	WV5725-1RA
		19941		30.98	38.0	7.02	WV5725-1
		19942		30.77	36.0	5.23	WV5725-7
		19943		30.97			
		19944		31.00			
		19945		30.87			
		19946		30.81			
		19947		31.03			
		19948		31.09			
		19949		30.96	36.7	5.74	WV5723-3
		19950		31.02			

KATAHDIN ANALYTICAL SERVICES, INC.
GC Vial Prep Log

Method: MA DEP VPH
Reviewed By/Date:

40 ml Vial
5 ml H2O
+ SB

Date	Init.	Vial Number	Vial Weight Empty (g)	Vial + Methanol (g)	Vial Methanol + Sample (g)	Sample Weight (g)	Comments
		19968		31.01	36.4	5.39	WV5725-6RA
		19969		30.81			
		19970		30.88	35.9	5.02	WV5725-6
		19971		31.01	35.4	4.39	WV5725-4
		19972		30.91			
		19973		30.91			

WEW 9/26/06

SEMIVOLATILES DATA

QC Summary Section

FORM 2
SOIL SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Level:(low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	JAX-PCA25-SB01-S03	WV5725-1	81	80	72						0
02	JAX-PCA25-SB02-S05	WV5725-2	49	53	59						0
03	JAX-PCA25-SB01-S05	WV5725-3	65	77	70						0
04	JAX-PCA25-SB09-S03	WV5725-4	68	75	68						0
05	JAX-PCA25-SB11-S03	WV5725-5	65	84	69						0
06	JAX-PCA25-SB14-S03	WV5725-6	56	61	52						0
07	JAX-PCA25-SB01-S05	WV5725-3DL	D	D	D						0
08	JAX-PCA25-SB09-S03	WV5725-4DL	72	66	59						0
09	JAX-PCA25-SB11-S03	WV5725-5DL	D	D	D						0
10	JAX-PCA25-SB14-S03	WV5725-6DL	D	D	D						0
11	WG22579-BLANK	WG22579-1RA	38	50	58						0
12	JAX-PCA25-SB17-S03	WV5725-7RA	43	52	66						0
13	WG22579-LCS	WG22579-2	73	100	85						0
14	WG22579-LCSD	WG22579-3	55	59	62						0
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											

		QC LIMITS
S1	= 2-Methylnaphthalene-d1	(30-150)
S2	= Fluorene-d10	(30-150)
S3	= Pyrene-d10	(30-150)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG22579-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID: U2602 Lab Sample ID: WG22579-1RA

Instrument ID: GCMS-U Date Extracted: 11/09/05

Matrix: (soil/water) SOIL Date Analyzed: 11/10/05

Level:(low/med) LOW Time Analyzed: 0905

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	JAX-PCA25-SB01-S03	WV5725-1	U2587	11/09/05	1127
02	JAX-PCA25-SB02-S05	WV5725-2	U2588	11/09/05	1212
03	JAX-PCA25-SB01-S05	WV5725-3	U2589	11/09/05	1256
04	JAX-PCA25-SB09-S03	WV5725-4	U2590	11/09/05	1340
05	JAX-PCA25-SB11-S03	WV5725-5	U2591	11/09/05	1424
06	JAX-PCA25-SB14-S03	WV5725-6	U2592	11/09/05	1511
07	JAX-PCA25-SB01-S05	WV5725-3DL	U2594	11/09/05	1641
08	JAX-PCA25-SB09-S03	WV5725-4DL	U2595	11/09/05	1725
09	JAX-PCA25-SB11-S03	WV5725-5DL	U2596	11/09/05	1809
10	JAX-PCA25-SB14-S03	WV5725-6DL	U2597	11/09/05	1853
11	JAX-PCA25-SB17-S03	WV5725-7RA	U2603	11/10/05	0950
12	WG22579-LCS	WG22579-2	U2605	11/10/05	1118
13	WG22579-LCSD	WG22579-3	U2606	11/10/05	1203
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV SV

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date: 11/09/05
Analysis Date: 10-NOV-2005 09:05
Report Date: 11/10/2005
Matrix: SOIL
% Solids: 100

Lab ID: WG22579-1RA
Client ID: WG22579-Blank
SDG: WV5725
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22579
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.9	1.0	20	20	0.9
91-57-6	2-Methylnaphthalene	U	0.6	1.0	20	20	0.6
208-96-8	Acenaphthylene	U	0.5	1.0	20	20	0.5
83-32-9	Acenaphthene	U	0.7	1.0	20	20	0.7
86-73-7	Fluorene	U	0.6	1.0	20	20	0.6
85-01-8	Phenanthrene	U	1	1.0	20	20	1
120-12-7	Anthracene	U	0.8	1.0	20	20	0.8
206-44-0	Fluoranthene	U	2	1.0	20	20	2
129-00-0	Pyrene	U	2	1.0	20	20	2
56-55-3	Benzo(a)anthracene	U	1	1.0	20	20	1
218-01-9	Chrysene	U	1	1.0	20	20	1
205-99-2	Benzo(b)fluoranthene	U	2	1.0	20	20	2
207-08-9	Benzo(k)fluoranthene	U	1	1.0	20	20	1
50-32-8	Benzo(a)pyrene	U	0.8	1.0	20	20	0.8
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	20	20	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	20	20	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	20	20	2
90-12-0	1-Methylnaphthalene	U	10	1.0	20	20	10
7297-45-2	2-Methylnaphthalene-d10		38%				
81103-79-9	Fluorene-d10		50%				
1718-52-1	Pyrene-d10		58%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date: 11/09/05
Analysis Date: 11/10/05
Report Date: 11/11/2005
Matrix: SOIL

Lab ID: WG22579-2 & WG22579-3
Client ID: WG22579-LCS & WG22579-LCSD
SDG: WV5725
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22579
Units: ug/Kg

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Naphthalene	67	67	NA	35	27	53	41	25	50	30-150
2-Methylnaphthalene	67	67	NA	63	54	95	81	15	50	30-150
Acenaphthylene	67	67	NA	57	35	85	52	48	50	30-150
Acenaphthene	67	67	NA	45	33	67	49	31	50	30-150
Fluorene	67	67	NA	52	33	77	50	43	50	30-150
Phenanthrene	67	67	NA	41	34	62	51	20	50	30-150
Anthracene	67	67	NA	42	36	63	53	16	50	30-150
Fluoranthene	67	67	NA	42	29	63	44	36	50	30-150
Pyrene	67	67	NA	48	38	72	58	22	50	30-150
Benzo(a)anthracene	67	67	NA	62	43	92	65	34	50	30-150
Chrysene	67	67	NA	37	30	56	46	20	50	30-150
Benzo(b)fluoranthene	67	67	NA	56	45	84	67	23	50	30-150
Benzo(k)fluoranthene	67	67	NA	45	44	67	65	2	50	30-150
Benzo(a)pyrene	67	67	NA	44	38	66	58	13	50	30-150
Indeno(1,2,3-cd)pyrene	67	67	NA	35	29	53	44	20	50	30-150
Dibenzo(a,h)anthracene	67	67	NA	38	36	56	53	6	50	30-150
Benzo(g,h,i)perylene	67	67	NA	32	28	47	42	13	50	30-150

FORM III SV-2

U2605.D & U2606.D

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID: UD102 DFTPP Injection Date: 10/31/05

Instrument ID: GCMS-U DFTPP Injection Time: 1421

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	46.3
68	Less than 2.0% of mass 69	0.6 (1.3)1
69	Less than 100.0% of mass 198	46.5
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	56.7
197	Less than 1.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	19.8
365	1.0 - 100.0% of mass 198	2.0
441	0.0 - 100.0% of mass 443	8.5 (77.3)2
442	40.0 - 100.0% of mass 198	54.2
443	17.0 - 23.0% of mass 442	10.9 (20.2)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U1031	U2453	10/31/05	1533
02		SSTD5.00U1031	U2454	10/31/05	1617
03		SSTD3.00U1031	U2455	10/31/05	1703
04		SSTD2.00U1031	U2456	10/31/05	1749
05		SSTD0.50U1031	U2457	10/31/05	1835
06		SSTD0.20U1031	U2458	10/31/05	1921
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID: UD110 DFTPP Injection Date: 11/09/05

Instrument ID: GCMS-U DFTPP Injection Time: 0808

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	39.9
68	Less than 2.0% of mass 69	0.7 (1.7)1
69	Less than 100.0% of mass 198	41.8
70	Less than 2.0% of mass 69	0.2 (0.6)1
127	40.0 - 60.0% of mass 198	52.4
197	Less than 1.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 30.0% of mass 198	20.9
365	1.0 - 100.0% of mass 198	2.4
441	0.0 - 100.0% of mass 443	11.5 (80.6)2
442	40.0 - 100.0% of mass 198	75.3
443	17.0 - 23.0% of mass 442	14.3 (19.0)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U1109	U2583	11/09/05	0829
02	JAX-PCA25-SB01-S03	WV5725-1	U2587	11/09/05	1127
03	JAX-PCA25-SB02-S05	WV5725-2	U2588	11/09/05	1212
04	JAX-PCA25-SB01-S05	WV5725-3	U2589	11/09/05	1256
05	JAX-PCA25-SB09-S03	WV5725-4	U2590	11/09/05	1340
06	JAX-PCA25-SB11-S03	WV5725-5	U2591	11/09/05	1424
07	JAX-PCA25-SB14-S03	WV5725-6	U2592	11/09/05	1511
08	JAX-PCA25-SB01-S05	WV5725-3DL	U2594	11/09/05	1641
09	JAX-PCA25-SB09-S03	WV5725-4DL	U2595	11/09/05	1725
10	JAX-PCA25-SB11-S03	WV5725-5DL	U2596	11/09/05	1809
11	JAX-PCA25-SB14-S03	WV5725-6DL	U2597	11/09/05	1853
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID: UD111 DFTPP Injection Date: 11/10/05

Instrument ID: GCMS-U DFTPP Injection Time: 0758

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	40.4
68	Less than 2.0% of mass 69	0.7 (1.6)1
69	Less than 100.0% of mass 198	41.3
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	52.5
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	20.2
365	1.0 - 100.0% of mass 198	2.3
441	0.0 - 100.0% of mass 443	10.1 (77.3)2
442	40.0 - 100.0% of mass 198	66.9
443	17.0 - 23.0% of mass 442	13.0 (19.5)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U1110	U2601	11/10/05	0818
02	WG22579-BLANK	WG22579-1RA	U2602	11/10/05	0905
03	JAX-PCA25-SB17-S03	WV5725-7RA	U2603	11/10/05	0950
04	WG22579-LCS	WG22579-2	U2605	11/10/05	1118
05	WG22579-LCSD	WG22579-3	U2606	11/10/05	1203
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID (Standard): U2583 Date Analyzed: 11/09/05

Instrument ID: GCMS-U Time Analyzed: 0829

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	11660	9.29	58251	12.13	27755	16.28
UPPER LIMIT	23320	9.79	116502	12.63	55510	16.78
LOWER LIMIT	5830	8.79	29126	11.63	13878	15.78

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	JAX-PCA25-SB01-S03	WV5725-1	12409	9.29	46432	12.13	25862	16.28
02	JAX-PCA25-SB02-S05	WV5725-2	12668	9.29	60930	12.13	32590	16.28
03	JAX-PCA25-SB01-S05	WV5725-3	12321	9.29	59665	12.12	32012	16.28
04	JAX-PCA25-SB09-S03	WV5725-4	11631	9.29	56468	12.13	30306	16.28
05	JAX-PCA25-SB11-S03	WV5725-5	11739	9.29	57462	12.13	24621	16.28
06	JAX-PCA25-SB14-S03	WV5725-6	10875	9.29	49919	12.12	26750	16.27
07	JAX-PCA25-SB01-S05	WV5725-3DL	9343	9.30	43138	12.15	23924	16.30
08	JAX-PCA25-SB09-S03	WV5725-4DL	11323	9.29	52667	12.14	28839	16.30
09	JAX-PCA25-SB11-S03	WV5725-5DL	10106	9.29	44228	12.15	22957	16.30
10	JAX-PCA25-SB14-S03	WV5725-6DL	9334	9.30	42847	12.15	19606	16.28
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID (Standard): U2583 Date Analyzed: 11/09/05

Instrument ID: GCMS-U Time Analyzed: 0829

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	35407	19.86	11291	26.20	3638	29.39
UPPER LIMIT	70814	20.36	22582	26.70	7276	29.89
LOWER LIMIT	17704	19.36	5646	25.70	1819	28.89

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	JAX-PCA25-SB01-S03	WV5725-1	33580	19.86	8192	26.22	2601	29.40
02	JAX-PCA25-SB02-S05	WV5725-2	38074	19.86	9424	26.22	2694	29.40
03	JAX-PCA25-SB01-S05	WV5725-3	38292	19.83	10063	26.21	3957	29.36
04	JAX-PCA25-SB09-S03	WV5725-4	34177	19.86	10907	26.18	3169	29.38
05	JAX-PCA25-SB11-S03	WV5725-5	30032	19.83	8840	26.18	2324	29.36
06	JAX-PCA25-SB14-S03	WV5725-6	33648	19.83	8650	26.18	2003	29.38
07	JAX-PCA25-SB01-S05	WV5725-3DL	25085	19.86	7434	26.21	2376	29.39
08	JAX-PCA25-SB09-S03	WV5725-4DL	34575	19.86	10440	26.21	3606	29.38
09	JAX-PCA25-SB11-S03	WV5725-5DL	25773	19.86	6381	26.21	1995	29.39
10	JAX-PCA25-SB14-S03	WV5725-6DL	24558	19.86	6468	26.21	1319*	29.40
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID (Standard): U2601 Date Analyzed: 11/10/05

Instrument ID: GCMS-U Time Analyzed: 0818

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	10169	9.30	49631	12.14	26431	16.30
UPPER LIMIT	20338	9.80	99262	12.64	52862	16.80
LOWER LIMIT	5085	8.80	24816	11.64	13216	15.80

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG22579-BLANK	WG22579-1RA	10254	9.29	48628	12.16	24762	16.30
02	JAX-PCA25-SB17-S03	WV5725-7RA	10856	9.29	51019	12.14	26147	16.30
03	WG22579-LCS	WG22579-2	11772	9.29	57099	12.12	25284	16.28
04	WG22579-LCSD	WG22579-3	11396	9.29	48199	12.12	26495	16.28
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID (Standard): U2601 Date Analyzed: 11/10/05

Instrument ID: GCMS-U Time Analyzed: 0818

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD		32608	19.86	9862	26.22	2709	29.40
UPPER LIMIT		65216	20.36	19724	26.72	5418	29.90
LOWER LIMIT		16304	19.36	4931	25.72	1355	28.90
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG22579-BLANK	WG22579-1RA	27776	19.89	6386	26.25	1576	29.42
02 JAX-PCA25-SB17-S03	WV5725-7RA	29656	19.89	5282	26.24	1429	29.41
03 WG22579-LCS	WG22579-2	38477	19.86	9328	26.22	2531	29.41
04 WG22579-LCSD	WG22579-3	26911	19.86	5328	26.23	1002*	29.42
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

Sample Data Section

FLORIDA DATA QUALIFIERS

I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
*	Compound recovery outside of quality control limits.
L	Off-scale high. Actual value is known to be greater than value given. To be used when the concentration of the analyte is above the acceptable level for quantitation (exceeds the linear range of highest calibration standard) and the calibration curve is known to exhibit a negative deflection.
J	Estimated value. A justification will be included in the narrative for any result that has been flagged with a "J".
V	Indicates the analyte was detected in the sample and the associated method blank.
N	Presumptive evidence of a compound based on a mass spectral library search.
Q	Sample held beyond the accepted holding time. This code shall be used if the value is derived from a sample that was prepared or analyzed after the approved holding time restrictions for sample preparation or analysis
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/09/05
Analysis Date: 09-NOV-2005 11:27
Report Date: 11/10/2005
Matrix: SOIL
% Solids: 80.7

Lab ID: WV5725-1
Client ID: JAX-PCA25-SB01-S03
SDG: WV5725
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22579
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	1	1.0	20	25	1
91-57-6	2-Methylnaphthalene	U	0.7	1.0	20	25	0.7
208-96-8	Acenaphthylene	U	0.6	1.0	20	25	0.6
83-32-9	Acenaphthene	U	0.9	1.0	20	25	0.9
86-73-7	Fluorene	U	0.8	1.0	20	25	0.8
85-01-8	Phenanthrene	I	6	1.0	20	25	2
120-12-7	Anthracene	U	1	1.0	20	25	1
206-44-0	Fluoranthene	I	8	1.0	20	25	2
129-00-0	Pyrene	I	2	1.0	20	25	2
56-55-3	Benzo(a)anthracene	I	12	1.0	20	25	1
218-01-9	Chrysene	I	2	1.0	20	25	2
205-99-2	Benzo(b)fluoranthene	U	2	1.0	20	25	2
207-08-9	Benzo(k)fluoranthene	U	2	1.0	20	25	2
50-32-8	Benzo(a)pyrene	U	0.9	1.0	20	25	0.9
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	20	25	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	20	25	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	20	25	2
90-12-0	1-Methylnaphthalene	U	12	1.0	20	25	12
7297-45-2	2-Methylnaphthalene-d10		81%				
81103-79-9	Fluorene-d10		80%				
1718-52-1	Pyrene-d10		72%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/09/05
Analysis Date: 09-NOV-2005 12:12
Report Date: 11/10/2005
Matrix: SOIL
% Solids: 79.2

Lab ID: WV5725-2
Client ID: JAX-PCA25-SB02-S05
SDG: WV5725
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22579
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	2	1.0	20	25	1
91-57-6	2-Methylnaphthalene	I	17	1.0	20	25	0.7
208-96-8	Acenaphthylene	U	0.7	1.0	20	25	0.7
83-32-9	Acenaphthene	I	3	1.0	20	25	0.9
86-73-7	Fluorene	U	0.8	1.0	20	25	0.8
85-01-8	Phenanthrene	I	6	1.0	20	25	2
120-12-7	Anthracene	I	1	1.0	20	25	1
206-44-0	Fluoranthene	I	13	1.0	20	25	2
129-00-0	Pyrene	I	8	1.0	20	25	2
56-55-3	Benzo(a)anthracene	I	12	1.0	20	25	1
218-01-9	Chrysene	I	2	1.0	20	25	2
205-99-2	Benzo(b)fluoranthene	U	2	1.0	20	25	2
207-08-9	Benzo(k)fluoranthene	U	2	1.0	20	25	2
50-32-8	Benzo(a)pyrene		46	1.0	20	25	0.9
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	20	25	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	20	25	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	20	25	2
90-12-0	1-Methylnaphthalene		100	1.0	20	25	13
7297-45-2	2-Methylnaphthalene-d10		49%				
81103-79-9	Fluorene-d10		53%				
1718-52-1	Pyrene-d10		59%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/09/05
Analysis Date: 09-NOV-2005 12:56
Report Date: 11/10/2005
Matrix: SOIL
% Solids: 81.0

Lab ID: WV5725-3
Client ID: JAX-PCA25-SB01-S05
SDG: WV5725
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22579
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		34	1.0	20	25	1
91-57-6	2-Methylnaphthalene	L	210	1.0	20	25	0.7
208-96-8	Acenaphthylene	U	0.6	1.0	20	25	0.6
83-32-9	Acenaphthene	L	3600	1.0	20	25	0.9
86-73-7	Fluorene	I	0.8	1.0	20	25	0.8
85-01-8	Phenanthrene	L	8100	1.0	20	25	2
120-12-7	Anthracene	L	5400	1.0	20	25	1.0
206-44-0	Fluoranthene	L	13000	1.0	20	25	2
129-00-0	Pyrene	L	12000	1.0	20	25	2
56-55-3	Benzo(a)anthracene	L	20000	1.0	20	25	1
218-01-9	Chrysene	L	5600	1.0	20	25	2
205-99-2	Benzo(b)fluoranthene	L	14000	1.0	20	25	2
207-08-9	Benzo(k)fluoranthene	L	1800	1.0	20	25	2
50-32-8	Benzo(a)pyrene	L	3900	1.0	20	25	0.9
193-39-5	Indeno(1,2,3-cd)pyrene	L	1100	1.0	20	25	2
53-70-3	Dibenzo(a,h)anthracene	L	410	1.0	20	25	2
191-24-2	Benzo(g,h,i)perylene	L	840	1.0	20	25	2
90-12-0	1-Methylnaphthalene	L	410	1.0	20	25	12
7297-45-2	2-Methylnaphthalene-d10		65%				
81103-79-9	Fluorene-d10		77%				
1718-52-1	Pyrene-d10		70%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/09/05
Analysis Date: 09-NOV-2005 16:41
Report Date: 11/10/2005
Matrix: SOIL
% Solids: 81.0

Lab ID: WV5725-3DL
Client ID: JAX-PCA25-SB01-S05
SDG: WV5725
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22579
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	220	200	20	4900	220
91-57-6	2-Methylnaphthalene	U	140	200	20	4900	140
208-96-8	Acenaphthylene	U	130	200	20	4900	130
83-32-9	Acenaphthene	I	3600	200	20	4900	170
86-73-7	Fluorene	I	3900	200	20	4900	150
85-01-8	Phenanthrene		13000	200	20	4900	360
120-12-7	Anthracene		8300	200	20	4900	200
206-44-0	Fluoranthene		30000	200	20	4900	400
129-00-0	Pyrene		21000	200	20	4900	440
56-55-3	Benzo(a)anthracene		20000	200	20	4900	250
218-01-9	Chrysene		6800	200	20	4900	300
205-99-2	Benzo(b)fluoranthene		15000	200	20	4900	510
207-08-9	Benzo(k)fluoranthene	I	3900	200	20	4900	330
50-32-8	Benzo(a)pyrene		6100	200	20	4900	180
193-39-5	Indeno(1,2,3-cd)pyrene	U	500	200	20	4900	500
53-70-3	Dibenzo(a,h)anthracene	U	490	200	20	4900	490
191-24-2	Benzo(g,h,i)perylene	U	420	200	20	4900	420
90-12-0	1-Methylnaphthalene	U	2500	200	20	4900	2500
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/09/05
Analysis Date: 09-NOV-2005 13:40
Report Date: 11/10/2005
Matrix: SOIL
% Solids: 90.8

Lab ID: WV5725-4
Client ID: JAX-PCA25-SB09-S03
SDG: WV5725
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22579
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	1.0	1.0	20	22	1.0
91-57-6	2-Methylnaphthalene	U	0.6	1.0	20	22	0.6
208-96-8	Acenaphthylene	I	2	1.0	20	22	0.6
83-32-9	Acenaphthene	I	4	1.0	20	22	0.8
86-73-7	Fluorene	I	0.9	1.0	20	22	0.7
85-01-8	Phenanthrene		58	1.0	20	22	2
120-12-7	Anthracene	I	21	1.0	20	22	0.9
206-44-0	Fluoranthene		120	1.0	20	22	2
129-00-0	Pyrene		98	1.0	20	22	2
56-55-3	Benzo(a)anthracene		160	1.0	20	22	1
218-01-9	Chrysene		65	1.0	20	22	1
205-99-2	Benzo(b)fluoranthene	L	360	1.0	20	22	2
207-08-9	Benzo(k)fluoranthene		64	1.0	20	22	1
50-32-8	Benzo(a)pyrene		140	1.0	20	22	0.8
193-39-5	Indeno(1,2,3-cd)pyrene		120	1.0	20	22	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	20	22	2
191-24-2	Benzo(g,h,i)perylene		99	1.0	20	22	2
90-12-0	1-Methylnaphthalene	U	11	1.0	20	22	11
7297-45-2	2-Methylnaphthalene-d10		68%				
81103-79-9	Fluorene-d10		75%				
1718-52-1	Pyrene-d10		68%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 010 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/09/05
Analysis Date: 09-NOV-2005 17:25
Report Date: 11/11/2005
Matrix: SOIL
% Solids: 90.8

Lab ID: WV5725-4DL
Client ID: JAX-PCA25-SB09-S03
SDG: WV5725
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22579
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	3.0	20	66	3
91-57-6	2-Methylnaphthalene	U	2	3.0	20	66	2
208-96-8	Acenaphthylene	U	2	3.0	20	66	2
83-32-9	Acenaphthene	I	4	3.0	20	66	2
86-73-7	Fluorene	U	2	3.0	20	66	2
85-01-8	Phenanthrene	I	58	3.0	20	66	5
120-12-7	Anthracene	I	21	3.0	20	66	3
206-44-0	Fluoranthene		110	3.0	20	66	5
129-00-0	Pyrene		78	3.0	20	66	6
56-55-3	Benzo(a)anthracene		170	3.0	20	66	3
218-01-9	Chrysene	I	61	3.0	20	66	4
205-99-2	Benzo(b)fluoranthene		280	3.0	20	66	7
207-08-9	Benzo(k)fluoranthene		69	3.0	20	66	4
50-32-8	Benzo(a)pyrene		120	3.0	20	66	2
193-39-5	Indeno(1,2,3-cd)pyrene		94	3.0	20	66	7
53-70-3	Dibenzo(a,h)anthracene	U	7	3.0	20	66	7
191-24-2	Benzo(g,h,i)perylene		76	3.0	20	66	6
90-12-0	1-Methylnaphthalene	U	33	3.0	20	66	33
7297-45-2	2-Methylnaphthalene-d10		72%				
81103-79-9	Fluorene-d10		66%				
1718-52-1	Pyrene-d10		59%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/09/05
Analysis Date: 09-NOV-2005 14:24
Report Date: 11/10/2005
Matrix: SOIL
% Solids: 79.2

Lab ID: WV5725-5
Client ID: JAX-PCA25-SB11-S03
SDG: WV5725
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22579
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	1	1.0	20	25	1
91-57-6	2-Methylnaphthalene	I	7	1.0	20	25	0.7
208-96-8	Acenaphthylene	U	0.7	1.0	20	25	0.7
83-32-9	Acenaphthene		26	1.0	20	25	0.9
86-73-7	Fluorene	I	23	1.0	20	25	0.8
85-01-8	Phenanthrene	L	340	1.0	20	25	2
120-12-7	Anthracene		130	1.0	20	25	1
206-44-0	Fluoranthene	L	910	1.0	20	25	2
129-00-0	Pyrene	L	1000	1.0	20	25	2
56-55-3	Benzo(a)anthracene	L	1400	1.0	20	25	1
218-01-9	Chrysene	L	570	1.0	20	25	2
205-99-2	Benzo(b)fluoranthene	L	1900	1.0	20	25	2
207-08-9	Benzo(k)fluoranthene	L	280	1.0	20	25	2
50-32-8	Benzo(a)pyrene	L	590	1.0	20	25	0.9
193-39-5	Indeno(1,2,3-cd)pyrene		190	1.0	20	25	2
53-70-3	Dibenzo(a,h)anthracene		50	1.0	20	25	2
191-24-2	Benzo(g,h,i)perylene		170	1.0	20	25	2
90-12-0	1-Methylnaphthalene	U	13	1.0	20	25	13
7297-45-2	2-Methylnaphthalene-d10		65%				
81103-79-9	Fluorene-d10		84%				
1718-52-1	Pyrene-d10		69%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/09/05
Analysis Date: 09-NOV-2005 18:09
Report Date: 11/10/2005
Matrix: SOIL
% Solids: 79.2

Lab ID: WV5725-5DL
Client ID: JAX-PCA25-SB11-S03
SDG: WV5725
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22579
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	11	10	20	250	11
91-57-6	2-Methylnaphthalene	U	7	10	20	250	7
208-96-8	Acenaphthylene	U	7	10	20	250	7
83-32-9	Acenaphthene	I	23	10	20	250	9
86-73-7	Fluorene	U	8	10	20	250	8
85-01-8	Phenanthrene		410	10	20	250	18
120-12-7	Anthracene	I	190	10	20	250	10
206-44-0	Fluoranthene		1200	10	20	250	21
129-00-0	Pyrene		1500	10	20	250	23
56-55-3	Benzo(a)anthracene		1700	10	20	250	13
218-01-9	Chrysene		750	10	20	250	16
205-99-2	Benzo(b)fluoranthene		1700	10	20	250	26
207-08-9	Benzo(k)fluoranthene		440	10	20	250	17
50-32-8	Benzo(a)pyrene		770	10	20	250	9
193-39-5	Indeno(1,2,3-cd)pyrene		420	10	20	250	25
53-70-3	Dibenzo(a,h)anthracene	U	25	10	20	250	25
191-24-2	Benzo(g,h,i)perylene		350	10	20	250	22
90-12-0	1-Methylnaphthalene	U	130	10	20	250	130
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/09/05
Analysis Date: 09-NOV-2005 15:11
Report Date: 11/10/2005
Matrix: SOIL
% Solids: 81.6

Lab ID: WV5725-6
Client ID: JAX-PCA25-SB14-S03
SDG: WV5725
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22579
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	4	1.0	20	24	1
91-57-6	2-Methylnaphthalene		140	1.0	20	24	0.7
208-96-8	Acenaphthylene	U	0.6	1.0	20	24	0.6
83-32-9	Acenaphthene	L	520	1.0	20	24	0.8
86-73-7	Fluorene	L	210	1.0	20	24	0.7
85-01-8	Phenanthrene	L	2100	1.0	20	24	2
120-12-7	Anthracene	L	440	1.0	20	24	1.0
206-44-0	Fluoranthene	L	1900	1.0	20	24	2
129-00-0	Pyrene	L	1800	1.0	20	24	2
56-55-3	Benzo(a)anthracene	L	1300	1.0	20	24	1
218-01-9	Chrysene	L	370	1.0	20	24	2
205-99-2	Benzo(b)fluoranthene	L	1100	1.0	20	24	2
207-08-9	Benzo(k)fluoranthene	L	200	1.0	20	24	2
50-32-8	Benzo(a)pyrene	L	290	1.0	20	24	0.9
193-39-5	Indeno(1,2,3-cd)pyrene		73	1.0	20	24	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	20	24	2
191-24-2	Benzo(g,h,i)perylene		35	1.0	20	24	2
90-12-0	1-Methylnaphthalene		99	1.0	20	24	12
7297-45-2	2-Methylnaphthalene-d10		56%				
81103-79-9	Fluorene-d10		61%				
1718-52-1	Pyrene-d10		52%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/09/05
Analysis Date: 09-NOV-2005 18:53
Report Date: 11/10/2005
Matrix: SOIL
% Solids: 81.6

Lab ID: WV5725-6DL
Client ID: JAX-PCA25-SB14-S03
SDG: WV5725
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22579
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	22	20	20	490	22
91-57-6	2-Methylnaphthalene	I	190	20	20	490	14
208-96-8	Acenaphthylene	U	13	20	20	490	13
83-32-9	Acenaphthene		610	20	20	490	17
86-73-7	Fluorene		730	20	20	490	15
85-01-8	Phenanthrene		2500	20	20	490	36
120-12-7	Anthracene		910	20	20	490	20
206-44-0	Fluoranthene		2500	20	20	490	40
129-00-0	Pyrene		2200	20	20	490	44
56-55-3	Benzo(a)anthracene		1400	20	20	490	25
218-01-9	Chrysene	I	420	20	20	490	30
205-99-2	Benzo(b)fluoranthene		1000	20	20	490	50
207-08-9	Benzo(k)fluoranthene	I	300	20	20	490	33
50-32-8	Benzo(a)pyrene	U	18	20	20	490	18
193-39-5	Indeno(1,2,3-cd)pyrene	U	49	20	20	490	49
53-70-3	Dibenzo(a,h)anthracene	U	49	20	20	490	49
191-24-2	Benzo(g,h,i)perylene	U	42	20	20	490	42
90-12-0	1-Methylnaphthalene	U	240	20	20	490	240
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/09/05
Analysis Date: 10-NOV-2005 09:50
Report Date: 11/10/2005
Matrix: SOIL
% Solids: 84.8

Lab ID: WV5725-7RA
Client ID: JAX-PCA25-SB17-S03
SDG: WV5725
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG22579
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	1	1.0	20	24	1
91-57-6	2-Methylnaphthalene	U	0.7	1.0	20	24	0.7
208-96-8	Acenaphthylene	U	0.6	1.0	20	24	0.6
83-32-9	Acenaphthene	U	0.8	1.0	20	24	0.8
86-73-7	Fluorene	U	0.7	1.0	20	24	0.7
85-01-8	Phenanthrene	U	2	1.0	20	24	2
120-12-7	Anthracene	U	1.0	1.0	20	24	1.0
206-44-0	Fluoranthene	I	7	1.0	20	24	2
129-00-0	Pyrene	U	2	1.0	20	24	2
56-55-3	Benzo(a)anthracene	U	1	1.0	20	24	1
218-01-9	Chrysene	U	1	1.0	20	24	1
205-99-2	Benzo(b)fluoranthene	U	2	1.0	20	24	2
207-08-9	Benzo(k)fluoranthene	U	2	1.0	20	24	2
50-32-8	Benzo(a)pyrene	U	0.9	1.0	20	24	0.9
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	20	24	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	20	24	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	20	24	2
90-12-0	1-Methylnaphthalene	U	12	1.0	20	24	12
7297-45-2	2-Methylnaphthalene-d10		43%				
81103-79-9	Fluorene-d10		52%				
1718-52-1	Pyrene-d10		66%				

Standards Data Section

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Instrument ID: GCMS-U Calibration Date(s): 10/31/05 10/31/05

Column: DB5-MS ID: 0.25 (mm) Calibration Time(s): 1533 1921

LAB FILE ID: RF0.2: U2458 RF0.5: U2457 RF1: U2453
RF2: U2456 RF3: U2455 RF5: U2454

COMPOUND	RF0.2	RF0.5	RF1	RF2	RF3	RF5	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
Naphthalene	0.916	0.869	0.860	0.878	0.970	0.833	AVRG		0.88763902		5.450	15.000
2-Methylnaphthalene	2286	8347	25145	64887	93845	146960	LINR	0.16539023	1.89000659		0.99348	0.99000
Acenaphthylene	1.067	1.174	0.987	1.151	1.195	1.501	AVRG		1.17925473		14.898	15.000
Acenaphthene	0.945	0.872	0.904	0.960	0.956	1.144	AVRG		0.96346762		9.865	15.000
Fluorene	5441	13598	29498	64668	77520	129250	2ORDR	-0.1618800	1.23793998	-5.2e-002	0.99572	0.99000
Phenanthrene	3637	9987	23585	69839	71901	121910	LINR	0.14587169	0.98643726		0.99790	0.99000
Anthracene	0.915	0.985	0.853	0.973	0.989	1.046	AVRG		0.96029132		7.004	15.000
Fluoranthene	2882	7089	15179	50982	48697	90421	LINR	0.19942199	1.34035773		0.99239	0.99000
Pyrene	2.101	2.788	2.396	2.417	2.508	2.526	AVRG		2.45591321		9.081	15.000
Benzo(a)anthracene	455	926	2488	12443	11065	23185	LINR	0.26897559	1.85883303		0.99075	0.99000
Chrysene	1.753	1.871	1.553	1.714	1.705	1.579	AVRG		1.69573332		6.899	15.000
Benzo(b)fluoranthene	0.667	0.647	0.663	0.731	0.769	0.891	AVRG		0.72792553		12.722	15.000
Benzo(k)fluoranthene	1.812	2.629	2.057	2.514	2.632	2.570	AVRG		2.36884371		14.695	15.000
Benzo(a)pyrene	1.389	1.218	1.117	1.317	1.329	1.324	AVRG		1.28237167		7.639	15.000
Indeno(1,2,3-cd)pyrene	1.116	1.058	0.856	0.802	0.860	0.890	AVRG		0.93012253		13.542	15.000
Dibenzo(a,h)anthracene	708	945	2613	7048	6896	12496	LINR	-2.35e-002	1.49070266		0.99835	0.99000
Benzo(g,h,i)perylene	1265	1875	4403	12431	12038	22111	LINR	-2.88e-002	0.84621505		0.99731	0.99000
1-Methylnaphthalene	7691	8003	38844	71789	95547	150070	LINR	-2.78e-003	1.89565892		0.99433	0.99000
2-Methylnaphthalene-d10	0.305	0.326	0.291	0.328	0.357	0.326	AVRG		0.32224815		7.026	15.000
Fluorene-d10	5277	13154	28264	59305	67676	115500	2ORDR	-0.2074047	1.39323881	-6.52e-002	0.99257	0.99000
Pyrene-d10	1.743	2.253	1.964	1.968	2.093	2.092	AVRG		2.01871391		8.508	15.000

Average %RSD test result.

Calculate Average %RSD: 16.82127953
Maximum Average %RSD: 30.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Instrument ID: GCMS-U Calibration Date: 11/09/05 Time: 0829

Lab File ID: U2583 Init. Calib. Date(s): 10/31/05 10/31/05

Init. Calib. Times: 1533 1921

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.8880000	0.8886800	0.8886800	0.01	0.08	100.00	AVRG
2-Methylnaphthalene	1.0833000	1.0000000	0.5031700	0.01	8.33	100.00	LINR
Acenaphthylene	1.1790000	1.5328000	1.5328000	0.01	30.01	100.00	AVRG
Acenaphthene	0.9640000	1.1272000	1.1272000	0.01	16.93	20.00	AVRG
Fluorene	1.2338000	1.0000000	1.1737000	0.01	23.38	100.00	2RDR
Phenanthrene	0.9489500	1.0000000	0.8437000	0.01	-5.10	100.00	LINR
Anthracene	0.9600000	0.9740700	0.9740700	0.01	1.46	100.00	AVRG
Fluoranthene	1.0662000	1.0000000	0.6764500	0.01	6.62	20.00	LINR
Pyrene	2.4560000	2.1327000	2.1327000	0.01	-13.16	100.00	AVRG
Benzo(a)anthracene	1.7465000	1.0000000	0.8238100	0.01	74.65	100.00	LINR
Chrysene	1.6960000	1.3680000	1.3680000	0.01	-19.34	100.00	AVRG
Benzo(b)fluoranthene	0.7280000	1.0179000	1.0179000	0.01	39.82	100.00	AVRG
Benzo(k)fluoranthene	2.3690000	2.1874000	2.1874000	0.01	-7.66	100.00	AVRG
Benzo(a)pyrene	1.2820000	1.2055000	1.2055000	0.01	-5.97	20.00	AVRG
Indeno(1,2,3-cd)pyrene	0.9300000	0.8413400	0.8413400	0.01	-9.53	100.00	AVRG
Dibenzo(a,h)anthracene	0.9197300	1.0000000	0.6295800	0.01	-8.03	100.00	LINR
Benzo(g,h,i)perylene	0.6055800	1.0000000	0.7428200	0.01	-39.44	100.00	LINR
1-Methylnaphthalene	1.1973000	1.0000000	0.6327800	0.01	19.73	100.00	LINR
2-Methylnaphthalene-d10	0.3220000	0.3565400	0.3565400	0.01	10.73	100.00	AVRG
Fluorene-d10	1.1804000	1.0000000	1.0281000	0.01	18.04	100.00	2RDR
Pyrene-d10	2.0190000	1.8142000	1.8142000	0.01	-10.14	100.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Instrument ID: GCMS-U Calibration Date: 11/10/05 Time: 0818

Lab File ID: U2601 Init. Calib. Date(s): 10/31/05 10/31/05

Init. Calib. Times: 1533 1921

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.8880000	0.9005800	0.9005800	0.01	1.42	100.00	AVRG
2-Methylnaphthalene	0.9920300	1.0000000	0.4548800	0.01	-0.80	100.00	LINR
Acenaphthylene	1.1790000	1.2532000	1.2532000	0.01	6.29	100.00	AVRG
Acenaphthene	0.9640000	0.9959200	0.9959200	0.01	3.31	20.00	AVRG
Fluorene	1.0644000	1.0000000	1.0190000	0.01	6.44	100.00	2RDR
Phenanthrene	0.9310600	1.0000000	0.8255600	0.01	-6.89	100.00	LINR
Anthracene	0.9600000	0.9948200	0.9948200	0.01	3.63	100.00	AVRG
Fluoranthene	1.0175000	1.0000000	0.6401100	0.01	1.75	20.00	LINR
Pyrene	2.4560000	2.3110000	2.3110000	0.01	-5.90	100.00	AVRG
Benzo(a)anthracene	1.6439000	1.0000000	0.7686100	0.01	64.39	100.00	LINR
Chrysene	1.6960000	1.4470000	1.4470000	0.01	-14.68	100.00	AVRG
Benzo(b)fluoranthene	0.7280000	0.9780700	0.9780700	0.01	34.35	100.00	AVRG
Benzo(k)fluoranthene	2.3690000	2.4706000	2.4706000	0.01	4.29	100.00	AVRG
Benzo(a)pyrene	1.2820000	1.2610000	1.2610000	0.01	-1.64	20.00	AVRG
Indeno(1,2,3-cd)pyrene	0.9300000	0.7477300	0.7477300	0.01	-19.60	100.00	AVRG
Dibenzo(a,h)anthracene	1.0065000	1.0000000	0.6877800	0.01	0.65	100.00	LINR
Benzo(g,h,i)perylene	0.6557100	1.0000000	0.8020700	0.01	-34.43	100.00	LINR
1-Methylnaphthalene	1.2713000	1.0000000	0.6718000	0.01	27.13	100.00	LINR
2-Methylnaphthalene-d10	0.3220000	0.3535200	0.3535200	0.01	9.79	100.00	AVRG
Fluorene-d10	0.9856500	1.0000000	0.8708900	0.01	-1.44	100.00	2RDR
Pyrene-d10	2.0190000	1.8783000	1.8783000	0.01	-6.97	100.00	AVRG

FORM VII PEST

Logbooks and Supporting Documents

KATAHDIN ANALYTICAL SERVICES
GC/MS SVOA INJ LOG INSTRUMENT: 5973-U

DATE OF DFTPP INJECTION: 103105

JOB	SAMPLE	DATAFILE	DF	ALS #	METHOD	UL INJ	CHEMIST	COMMENTS
	50ng DFTPP	UD102	1	1	DFTPP550	2.0	JCL	OK
	SSTD1.00UL031	U2453		2	USIM02F	1.0		✓
	5.00	54		3				✓
	3.00	55		4				✓ Curve OK
	2.00	56		5				✓
	0.50	57		6				✓
	0.20	58		7				✓
	0.50	59		6				— not used
	0.20	U2460		7				—
3510	WG21834-1	61		8				OK
	-2	62		9				OK
	-3	63		10				OK
	WV5451-1R	64		11				OK
	WG21983-1	U2465		12				OK
	-2	66		13				OK
	-3	67		14				OK
	WV5472-1	68		15				~~OK~~ OOC (7)
	-3	69		16				15564 ~~DL 1.5 ul~~
3550	WG21880-1	U2470		17				15564

STANDARD	CODE
DFTPP	50764
CAL. STD.	50757-50762
IS MIX	80763

REVIEWED AND APPROVED BY:
DATE:

QAMS296 Katahdin Analytical Services 20000038

KATAHDIN ANALYTICAL SERVICES
GC/MS SVOA INJ LOG INSTRUMENT: 5973-U

DATE OF DFTPP INJECTION: 110905

JOB	SAMPLE	DATAFILE	DF	ALS #	METHOD	UL INJ	CHEMIST	COMMENTS
	50 ng DFTPP	U0110	1	1	DFTPP390	2.0	JCG	OK
	SSTD1.00U1109	U2583		2	U51M028	1.0		OK
3550	WG21976-1	84		3				1561 (R)
	-2	85		4				OK
	-3	86		5				OK
	~~WG22579-1~~ JCG	87		6				OK
	WV5729-1 → -2	88		7				OK
	-3	89		8				OK DL 1:200
	-4	U2590		9				OK DL 1:3
	-5	91		10				OK DL 1:10
	-6	92		11				OK DL 1:20
	-7	93		12				OK
	-3DL	94	200	13				OK 50/500 → 25/500
	-4DL	U2595	3	14				OK 100/300
	-5DL	96	10	15				OK 50/500
	-6DL	97	20	16				1561 (R) 50/1000
	WG22592-1	98	1	17				1561 (R)
	-2	99		18				OOC (R)
	-3	U2600		19				(R)

JW 11/09/05

STANDARD	CODE
DFTPP	50764
CAL. STD.	50766
IS MIX	50763

REVIEWED AND APPROVED BY: _____
DATE: _____

KATAHDIN ANALYTICAL SERVICES
GC/MS SVOA INJ LOG INSTRUMENT: 5973-U

DATE OF DFTPP INJECTION: 111005

JOB	SAMPLE	DATAFILE	DF	ALS #	METHOD	UL INJ	CHEMIST	COMMENTS
	50 ng DFTPP	UD111	1	1	DFTPP390	2.0	JCL	OK
	SSTD1.00UW10	U2601		2	USIM028	1.0		OK
3550	WG22579-1RA	02		3				OK
	WV5725-7RA	03		4				OK
3510	WV5490-2DL	04	~~20~~ 100	5				
3550	WG22579-2	U2605	1	6				
	-3	06	1	7				
3510	WV5490-4DL	07	5	8				
	-3RA	08	1	9				
	-4RA	09		10				

STANDARD	CODE
DFTPP	50764
CAL. STD.	50766
IS MIX	50763

REVIEWED AND APPROVED BY: _____
DATE: _____

QAMS296 Katahdin Analytical Services 20000946

SIM-SON

Katahdin Analytical Services, Inc.
Organic Extraction Log

Protocol: SW846

Analysis: Semivolatile Organics

Date QC Started: 11-9-05

QC Expiration Date: 11-23-05

QC Batch ID:

SURROGATE ID: SV 2071

Analytical Method: SW846/8270

Extraction Technique: SONIC 3550

SOX 3540

ASE 3545

Matrix: SOLID

SPIKE ID: SV2068

CLEAN-UP: GC screen, GPC, Florisil, Acid Wash, Other:

Sonicator Horns Tuned:

Solvent Lot # $MeCl_2$: B32 E08

Solvent Lot # Acetone: B15E76

Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Init.	Comments
Blank-1	11-9-05	GN	WG22579-1	30g	1mL	NR	1mL	11-9-05	SV053 C4	TR	R41719
LCS-1			-2			1mL			C5		
MS			-3						C6		
MSD											
Blank-2											
LCS-2											
Blank-3											
LCS-3											
Blank-4											
LCS-4											
Blank-5											
LCS-5											
Blank-6											
LCS-6											

QAEX117

000000

Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Init.	Comments
1	11-9-05	GN	WUS725-1	1mL	NR	30g	1mL	11-9-05	SV053 C7	TR	
2			-2						C8		
3			-3						C9		
4			-4						C10		
5			-5						D1		
6			-6						D2		
7			-7						D3		
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											

Reviewed By:

QAEX117

0000002

PETROLEUM RANGE ORGANICS DATA

QC Summary Section

FORM 2
SOIL FL-PRO SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Level:(low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 OTP#	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	WG22382-BLANK	WG22382-1	63	95							0
02	WG22382-LCS	WG22382-2	55J	92							1
03	WG22382-LCSD	WG22382-3	61	82							0
04	JAX-PCA25-SB01-S03	WV5725-1	70	80							0
05	JAX-PCA25-SB02-S05	WV5725-2	73	84							0
06	JAX-PCA25-SB17-S03	WV5725-7	71	88							0
07	JAX-PCA25-SB14-S03	WV5725-6	66	76							0
08	JAX-PCA25-SB11-S03	WV5725-5	58J	68							1
09	JAX-PCA25-SB09-S03	WV5725-4	61	69							0
10	JAX-PCA25-SB01-S05	WV5725-3DL2	D	D							0
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											

		QC LIMITS
S1	= n-Triacontane-D62	(60-118)
S2 (OTP)	= O-Terphenyl	(62-109)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG22382-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Lab File ID: CVK2062 Lab Sample ID: WG22382-1

Instrument ID: GC12 Date Extracted: 11/03/05

Matrix: (soil/water) SOIL Date Analyzed: 11/04/05

Level:(low/med) LOW Time Analyzed: 1438

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG22382-LCS	WG22382-2	CVK2063	11/04/05	1548
02	WG22382-LCSD	WG22382-3	CVK2064	11/04/05	1658
03	JAX-PCA25-SB01-S03	WV5725-1	CVK2069	11/04/05	2247
04	JAX-PCA25-SB02-S05	WV5725-2	CVK2070	11/04/05	2357
05	JAX-PCA25-SB17-S03	WV5725-7	CVK2074	11/05/05	0436
06	JAX-PCA25-SB14-S03	WV5725-6	CVK2075	11/05/05	0546
07	JAX-PCA25-SB11-S03	WV5725-5	CVK2076	11/05/05	0656
08	JAX-PCA25-SB09-S03	WV5725-4	CVK2077	11/05/05	0806
09	JAX-PCA25-SB01-S05	WV5725-3DL2	CVK2086	11/07/05	1114
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date: 11/03/05
Analysis Date: 04-NOV-2005 14:38
Report Date: 11/08/2005
Matrix: SOIL
% Solids: 100

Lab ID: WG22382-1
Client ID: WG22382-Blank
SDG: WV5725
Extracted by: KF
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG22382
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	I	6.8	1.0	20	20	0.0090
	n-Triacontane-D62		63%				
	O-Terphenyl		95%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date: 11/03/05
Analysis Date: 11/04/05
Report Date: 11/08/2005
Matrix: SOIL

Lab ID: WG22382-2 & WG22382-3
Client ID: WG22382-LCS & WG22382-LCSD
SDG: WV5725
Extracted by: KF
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG22382
Units: mg/Kg

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Petroleum Range Organics	57	57	NA	43	34	76	* 60	23	50	63-153

FORM III SV-2

CVK2063.d & CVK2064.d

FORM 8
FL-PRO ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

GC Column: ZB-1 ID: 0.53 (mm) Init. Calib. Date(s): 10/13/05 10/13/05

Instrument ID: GC12

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 17.93 S2 : 23.96

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		FLPRO 50UG/M	10/13/05	1049	17.93	23.96
02		FLPRO 20UG/M	10/13/05	1230	17.93	23.96
03		FLPRO 5UG/ML	10/13/05	1339	17.92	23.95
04		FLPRO 100UG/	10/13/05	1449	17.92	23.95
05		FLPRO 200UG/	10/13/05	1559	17.92	23.95
06		IND 50UG/ML	10/13/05	1709	17.92	23.95
07		FLPRO 50 UG/	11/04/05	1215	17.92	23.96
08	WG22382-BLAN	WG22382-1	11/04/05	1438	17.92	23.95
09	WG22382-LCS	WG22382-2	11/04/05	1548	17.92	23.95
10	WG22382-LCSD	WG22382-3	11/04/05	1658	17.92	23.95
11	JAX-PCA25-SB	WV5725-1	11/04/05	2247	17.92	23.96
12	JAX-PCA25-SB	WV5725-2	11/04/05	2357	17.92	23.95
13		FLPRO 20 UG/	11/05/05	0327	17.92	23.95
14	JAX-PCA25-SB	WV5725-7	11/05/05	0436	17.92	23.95
15	JAX-PCA25-SB	WV5725-6	11/05/05	0546	17.92	23.95
16	JAX-PCA25-SB	WV5725-5	11/05/05	0656	17.92	23.95
17	JAX-PCA25-SB	WV5725-4	11/05/05	0806	17.92	23.95
18		FLPRO 50 UG/	11/05/05	1355	17.92	23.95
19		FLPRO 50UG/M	11/07/05	1003	17.92	23.95
20	JAX-PCA25-SB	WV5725-3DL2	11/07/05	1114		

		QC LIMITS
S1	= O-Terphenyl	(+/- 0.36 MINUTES)
S2	= n-Triacontane-D62	(+/- 0.48 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
FL-PRO ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

GC Column: ZB-1 ID: 0.53 (mm) Init. Calib. Date(s): 10/13/05 10/13/05

Instrument ID: GC12

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 17.93 S2 : 23.96

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		FLPRO 20UG/M	11/07/05	1501	17.91	23.95
02						
03						
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

		QC LIMITS
S1	= O-Terphenyl	(+/- 0.36 MINUTES)
S2	= n-Triacontane-D62	(+/- 0.48 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

Sample Data Section

FLORIDA DATA QUALIFIERS

I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
*	Compound recovery outside of quality control limits.
L	Off-scale high. Actual value is known to be greater than value given. To be used when the concentration of the analyte is above the acceptable level for quantitation (exceeds the linear range of highest calibration standard) and the calibration curve is known to exhibit a negative deflection.
J	Estimated value. A justification will be included in the narrative for any result that has been flagged with a "J".
V	Indicates the analyte was detected in the sample and the associated method blank.
N	Presumptive evidence of a compound based on a mass spectral library search.
Q	Sample held beyond the accepted holding time. This code shall be used if the value is derived from a sample that was prepared or analyzed after the approved holding time restrictions for sample preparation or analysis
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/03/05
Analysis Date: 04-NOV-2005 22:47
Report Date: 11/08/2005
Matrix: SOIL
% Solids: 80.7

Lab ID: WV5725-1
Client ID: JAX-PCA25-SB01-S03
SDG: WV5725
Extracted by: KF
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG22382
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	JV	31	1.0	20	25	0.011
	n-Triacontane-D62		70%				
	O-Terphenyl		80%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/03/05
Analysis Date: 04-NOV-2005 23:57
Report Date: 11/08/2005
Matrix: SOIL
% Solids: 79.2

Lab ID: WV5725-2
Client ID: JAX-PCA25-SB02-S05
SDG: WV5725
Extracted by: KF
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG22382
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	JV	32	1.0	20	25	0.011
	n-Triacontane-D62		73%				
	O-Terphenyl		84%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/03/05
Analysis Date: 07-NOV-2005 11:14
Report Date: 11/08/2005
Matrix: SOIL
% Solids: 81.0

Lab ID: WV5725-3DL2
Client ID: JAX-PCA25-SB01-S05
SDG: WV5725
Extracted by: KF
Extraction Method: SW846 3550
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG22382
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	JV	8400	50	20	1200	0.55
	n-Triacontane-D62		D				
	O-Terphenyl		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/03/05
Analysis Date: 05-NOV-2005 08:06
Report Date: 11/08/2005
Matrix: SOIL
% Solids: 90.8

Lab ID: WV5725-4
Client ID: JAX-PCA25-SB09-S03
SDG: WV5725
Extracted by: KF
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG22382
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IJV	22	1.0	20	22	0.0099
	n-Triacontane-D62		61%				
	O-Terphenyl		69%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/03/05
Analysis Date: 05-NOV-2005 06:56
Report Date: 11/08/2005
Matrix: SOIL
% Solids: 79.2

Lab ID: WV5725-5
Client ID: JAX-PCA25-SB11-S03
SDG: WV5725
Extracted by: KF
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG22382
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	JV	77	1.0	20	25	0.011
	n-Triacontane-D62		J 58%				
	O-Terphenyl		68%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/03/05
Analysis Date: 05-NOV-2005 05:46
Report Date: 11/08/2005
Matrix: SOIL
% Solids: 81.6

Lab ID: WV5725-6
Client ID: JAX-PCA25-SB14-S03
SDG: WV5725
Extracted by: KF
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG22382
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	JV	110	1.0	20	24	0.011
	n-Triacontane-D62		66%				
	O-Terphenyl		76%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 10/26/05
Received Date: 10/28/05
Extraction Date: 11/03/05
Analysis Date: 05-NOV-2005 04:36
Report Date: 11/08/2005
Matrix: SOIL
% Solids: 84.8

Lab ID: WV5725-7
Client ID: JAX-PCA25-SB17-S03
SDG: WV5725
Extracted by: KF
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG22382
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IJV	2.4	1.0	20	24	0.010
	n-Triacontane-D62		71%				
	O-Terphenyl		88%				

Standards Data Section

FORM 6
FL-PRO INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Instrument ID: GC12 Calibration Date(s): 10/13/05 10/13/05

Column: ZB-1 ID: 0.53 (mm) Calibration Time(s): 1049 1559

LAB FILE ID: RF5: CVJ2073 RF20: CVJ2072 RF50: CVJ2071
RF100: CVJ2074 RF200: CVJ2075

COMPOUND	RF5	RF20	RF50	RF100	RF200	CURVE	COEFFICENTS A0	COEFFICENTS A1	%RSD OR R^2	MAX %RSD OR R^2
C-24	19766	75774	197080	380650	718280	LINR	-1.8101829	2.773e-004	0.99882	0.99000
C-8	19020	74242	186440	366290	748230	LINR	0.23770087	2.679e-004	0.99989	0.99000
C-10	18949	75086	198030	361820	750230	LINR	-0.2096183	2.68e-004	0.99934	0.99000
C-12	15881	70596	190500	359120	745500	LINR	0.61959520	2.687e-004	0.99956	0.99000
C-14	19236	73852	190180	353880	735900	LINR	-4.3e-002	2.733e-004	0.99946	0.99000
C-16	19641	75022	187460	354880	738150	LINR	3.449e-002	2.725e-004	0.99954	0.99000
C-18	19741	71116	191670	353210	734420	LINR	1.158e-003	2.737e-004	0.99937	0.99000
C-28	20666	76430	198030	386060	716060	LINR	-2.1531269	2.776e-004	0.99824	0.99000
C-20	19968	76809	189750	356410	725830	LINR	-0.7154770	2.771e-004	0.99972	0.99000
C-22	20075	77001	147130	382310	727620	LINR	1.18377869	2.717e-004	0.99615	0.99000
FL-PRO peaks C8-C40	331090	1250000	3065700	6323500	1e+007	LINR	-2.2748792	2.73e-004	0.99989	0.99000
C-26	20168	76502	198520	389170	720450	LINR	-2.0492909	2.757e-004	0.99818	0.99000
C-38	19573	76349	135040	375080	753090	LINR	2.95768762	2.629e-004	0.99443	0.99000
C-40	13454	64094	141140	356870	730140	LINR	3.54126148	2.709e-004	0.99703	0.99000
C-30	20270	76120	197280	373460	716080	LINR	-1.8194353	2.79e-004	0.99915	0.99000
C-32	20901	54162	183880	390460	708020	LINR	-9.18e-002	2.767e-004	0.99634	0.99000
C-34	21671	79306	176190	399950	725560	LINR	-1.1796506	2.724e-004	0.99713	0.99000
C-36	22103	77521	157380	383900	738940	LINR	0.69863544	2.687e-004	0.99762	0.99000
O-Terphenyl	3914.20	3617.10	4131.40	3870.00	4105.70	AVRG		3927.69600	5.298	40.000
n-Triacontane-D62	3469.20	3239.00	3293.10	3467.50	3179.30	AVRG		3329.62067	3.991	40.000

FORM VI FL-PRO

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Instrument ID: GC12 Calibration Date: 11/04/05 Time: 1215

Lab File ID: CVK2060 Init. Calib. Date(s): 10/13/05 10/13/05

Init. Calib. Times: 1049 1559

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	50.337000	50.000000	3761.2000	0.01	0.67	25.00	LINR
C-8	49.236000	50.000000	3657.3000	0.01	-1.53	25.00	LINR
C-10	49.523000	50.000000	3711.9000	0.01	-0.95	25.00	LINR
C-12	53.330000	50.000000	3922.8000	0.01	6.66	25.00	LINR
C-14	52.052000	50.000000	3812.3000	0.01	4.10	25.00	LINR
C-16	51.117000	50.000000	3748.5000	0.01	2.23	25.00	LINR
C-18	52.409000	50.000000	3829.8000	0.01	4.82	25.00	LINR
C-28	50.355000	50.000000	3782.6000	0.01	0.71	25.00	LINR
C-20	52.115000	50.000000	3813.0000	0.01	4.23	25.00	LINR
C-22	52.167000	50.000000	3753.1000	0.01	4.33	25.00	LINR
FL-PRO peaks C8-C40	851.24000	850.00000	3675.1000	0.01	0.14	25.00	LINR
C-26	49.884000	50.000000	3767.5000	0.01	-0.23	25.00	LINR
C-38	44.499000	50.000000	3160.8000	0.01	-11.00	25.00	LINR
C-40	44.566000	50.000000	3028.4000	0.01	-10.87	25.00	LINR
C-30	51.657000	50.000000	3833.5000	0.01	3.31	25.00	LINR
C-32	51.758000	50.000000	3748.2000	0.01	3.52	25.00	LINR
C-34	51.463000	50.000000	3865.3000	0.01	2.93	25.00	LINR
C-36	44.766000	50.000000	3279.7000	0.01	-10.47	25.00	LINR
O-Terphenyl	3927.7000	3905.4000	3905.4000	0.01	-0.57	25.00	AVRG
n-Triacontane-D62	3329.6000	3096.6000	3096.6000	0.01	-7.00	25.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Instrument ID: GC12 Calibration Date: 11/05/05 Time: 0327

Lab File ID: CVK2073 Init. Calib. Date(s): 10/13/05 10/13/05

Init. Calib. Times: 1049 1559

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF20.000 or AMOUNT	CCAL RRF20.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	18.914000	20.000000	3737.0000	0.01	-5.43	25.00	LINR
C-8	20.018000	20.000000	3691.0000	0.01	0.09	25.00	LINR
C-10	20.641000	20.000000	3890.6000	0.01	3.20	25.00	LINR
C-12	21.429000	20.000000	3871.8000	0.01	7.14	25.00	LINR
C-14	20.619000	20.000000	3780.1000	0.01	3.10	25.00	LINR
C-16	20.653000	20.000000	3782.6000	0.01	3.26	25.00	LINR
C-18	20.796000	20.000000	3799.0000	0.01	3.98	25.00	LINR
C-28	18.782000	20.000000	3770.4000	0.01	-6.09	25.00	LINR
C-20	20.527000	20.000000	3832.9000	0.01	2.64	25.00	LINR
C-22	21.754000	20.000000	3785.6000	0.01	8.77	25.00	LINR
FL-PRO peaks C8-C40	351.20000	340.00000	3799.3000	0.01	3.29	25.00	LINR
C-26	18.696000	20.000000	3762.4000	0.01	-6.52	25.00	LINR
C-38	24.765000	20.000000	4148.1000	0.01	23.82	25.00	LINR
C-40	22.168000	20.000000	3437.6000	0.01	10.84	25.00	LINR
C-30	17.637000	20.000000	3486.8000	0.01	-11.82	25.00	LINR
C-32	21.090000	20.000000	3828.0000	0.01	5.45	25.00	LINR
C-34	20.058000	20.000000	3898.4000	0.01	0.29	25.00	LINR
C-36	22.656000	20.000000	4085.4000	0.01	13.28	25.00	LINR
O-Terphenyl	3927.7000	4084.6000	4084.6000	0.01	3.99	25.00	AVRG
n-Triacontane-D62	3329.6000	3234.4000	3234.4000	0.01	-2.86	25.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Instrument ID: GC12 Calibration Date: 11/05/05 Time: 1355

Lab File ID: CVK2082 Init. Calib. Date(s): 10/13/05 10/13/05

Init. Calib. Times: 1049 1559

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	52.276000	50.000000	3901.1000	0.01	4.55	25.00	LINR
C-8	50.637000	50.000000	3761.9000	0.01	1.27	25.00	LINR
C-10	55.786000	50.000000	4179.3000	0.01	11.57	25.00	LINR
C-12	59.110000	50.000000	4353.1000	0.01	18.22	25.00	LINR
C-14	55.655000	50.000000	4075.9000	0.01	11.31	25.00	LINR
C-16	53.191000	50.000000	3900.8000	0.01	6.38	25.00	LINR
C-18	54.330000	50.000000	3970.2000	0.01	8.66	25.00	LINR
C-28	50.894000	50.000000	3821.5000	0.01	1.79	25.00	LINR
C-20	54.645000	50.000000	3995.6000	0.01	9.29	25.00	LINR
C-22	53.756000	50.000000	3870.1000	0.01	7.51	25.00	LINR
FL-PRO peaks C8-C40	891.00000	850.00000	3847.2000	0.01	4.82	25.00	LINR
C-26	51.470000	50.000000	3882.5000	0.01	2.94	25.00	LINR
C-38	45.869000	50.000000	3265.0000	0.01	-8.26	25.00	LINR
C-40	52.002000	50.000000	3577.4000	0.01	4.00	25.00	LINR
C-30	53.682000	50.000000	3978.6000	0.01	7.36	25.00	LINR
C-32	52.998000	50.000000	3837.8000	0.01	6.00	25.00	LINR
C-34	50.075000	50.000000	3763.3000	0.01	0.15	25.00	LINR
C-36	44.624000	50.000000	3269.1000	0.01	-10.75	25.00	LINR
O-Terphenyl	3927.7000	4017.2000	4017.2000	0.01	2.28	25.00	AVRG
n-Triacontane-D62	3329.6000	3153.5000	3153.5000	0.01	-5.29	25.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Instrument ID: GC12 Calibration Date: 11/07/05 Time: 1003

Lab File ID: CVK2085 Init. Calib. Date(s): 10/13/05 10/13/05

Init. Calib. Times: 1049 1559

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
C-24	51.846000	50.000000	3870.0000	0.01	3.69	25.00	LINR	
C-8	51.812000	50.000000	3849.6000	0.01	3.62	25.00	LINR	
C-10	55.349000	50.000000	4146.7000	0.01	10.70	25.00	LINR	
C-12	54.640000	50.000000	4020.4000	0.01	9.28	25.00	LINR	
C-14	55.486000	50.000000	4063.6000	0.01	10.97	25.00	LINR	
C-16	53.378000	50.000000	3914.5000	0.01	6.76	25.00	LINR	
C-18	54.176000	50.000000	3958.9000	0.01	8.35	25.00	LINR	
C-28	51.335000	50.000000	3853.2000	0.01	2.67	25.00	LINR	
C-20	54.070000	50.000000	3954.1000	0.01	8.14	25.00	LINR	
C-22	53.991000	50.000000	3887.4000	0.01	7.98	25.00	LINR	
FL-PRO peaks C8-C40	848.72000	850.00000	3663.1000	0.01	-0.15	25.00	LINR	
C-26	51.205000	50.000000	3863.3000	0.01	2.41	25.00	LINR	
C-38	39.021000	50.000000	2743.9000	0.01	-21.96	25.00	LINR	
C-40	28.772000	50.000000	1862.5000	0.01	-42.46	25.00	LINR	<-
C-30	52.128000	50.000000	3867.2000	0.01	4.26	25.00	LINR	
C-32	51.258000	50.000000	3712.1000	0.01	2.52	25.00	LINR	
C-34	47.066000	50.000000	3542.4000	0.01	-5.87	25.00	LINR	
C-36	43.186000	50.000000	3162.1000	0.01	-13.63	25.00	LINR	
O-Terphenyl	3927.7000	4091.8000	4091.8000	0.01	4.18	25.00	AVRG	
n-Triacontane-D62	3329.6000	3168.9000	3168.9000	0.01	-4.83	25.00	AVRG	

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV5725

Instrument ID: GC12 Calibration Date: 11/07/05 Time: 1501

Lab File ID: CVK2089 Init. Calib. Date(s): 10/13/05 10/13/05

Init. Calib. Times: 1049 1559

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF20.000 or AMOUNT	CCAL RRF20.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
C-24	19.054000	20.000000	3762.2000	0.01	-4.73	25.00	LINR	
C-8	20.155000	20.000000	3716.6000	0.01	0.78	25.00	LINR	
C-10	21.228000	20.000000	4000.0000	0.01	6.14	25.00	LINR	
C-12	22.365000	20.000000	4046.0000	0.01	11.82	25.00	LINR	
C-14	26.091000	20.000000	4781.2000	0.01	30.46	25.00	LINR	<-
C-16	20.722000	20.000000	3795.2000	0.01	3.61	25.00	LINR	
C-18	21.652000	20.000000	3955.4000	0.01	8.26	25.00	LINR	
C-28	19.888000	20.000000	3969.6000	0.01	-0.56	25.00	LINR	
C-20	21.284000	20.000000	3969.5000	0.01	6.42	25.00	LINR	
C-22	21.666000	20.000000	3769.6000	0.01	8.33	25.00	LINR	
FL-PRO peaks C8-C40	357.85000	340.00000	3868.2000	0.01	5.25	25.00	LINR	
C-26	19.518000	20.000000	3911.5000	0.01	-2.41	25.00	LINR	
C-38	20.348000	20.000000	3308.0000	0.01	1.74	25.00	LINR	
C-40	16.434000	20.000000	2379.3000	0.01	-17.83	25.00	LINR	
C-30	19.131000	20.000000	3754.6000	0.01	-4.34	25.00	LINR	
C-32	22.096000	20.000000	4009.8000	0.01	10.48	25.00	LINR	
C-34	21.806000	20.000000	4219.3000	0.01	9.03	25.00	LINR	
C-36	24.408000	20.000000	4411.4000	0.01	22.04	25.00	LINR	
O-Terphenyl	3927.7000	3952.1000	3952.1000	0.01	0.62	25.00	AVRG	
n-Triacontane-D62	3329.6000	3414.7000	3414.7000	0.01	2.56	25.00	AVRG	

FORM VII PEST

Logbooks and Supporting Documents

Katahdin Analytical Services, Inc.
Instrument: GC12 (FID)
Amount Injected 1ul

Reviewed by/ Date:

GC Laboratory Instrument Runlog

Method (circle): EPH(MADEP) / FL PRO

DRO/TPH - 8015Mod. / MDEP 4.1.25 / 8100Mod

Date	Init.	Result File	Sample ID	Y/N	Method	Column	Comments
10/11/05	RPB	CVJ2049	$MeCl_2$	N	ALIB007A.m	215	
		50	Thermal Bleed	Y			
		51	PHC 50ug/ml				
		52	ARO 50ug/ml		ARO004A.m		
		53	WG20998-1RA350				Refrac
		54	WG21373-1RA				
		55	WV4972-4REPA				
		56	-5				
		57	$MeCl_2$				
		58	Thermal Bleed				
		59	ARO 50ug/ml				
10/12/05		60	Thermal Bleed	N	ALIB007A.M		
		61		Y			
		62	PHC 50ug/ml				
		63	Thermal Bleed		FLPB005A.M		
		64	FLPRO 50ug/ml	N			
		65	Thermal Bleed		ALIB007A		
		66	WG21320-1 3540				Refrac use ST Gral
		67	-2				
		68	Thermal Bleed				
		69	PHC 50ug/ml				Did not run
10/13/05		70	Thermal Bleed		FLPB005A.M		Changed liner + Septa
		70		Y			
		71	FLPRO 50ug/ml H1411		FLPB006A.m		
		72	20 H1412				
		73	5 H1413				
		74	100 H1414				
		75	200 H1415				
		76	50 IND H1416				
		77	WG20923-1 3550				

Katahdin Analytical Services, Inc.
Instrument: GC12 (FID)
Amount Injected 1ul

Reviewed by/ Date:

GC Laboratory Instrument Runlog

Method (circle): EPH(MADEP) / FL PRO

DRO/TPH - 8015Mod. / MDEP 4.1.25 / 8100Mod

Date SAW 11/3/05	Init.	Result File	Sample ID	Y/N	Method	Column	Comments
11/3/05	SAW	CVK2034	Thermal Bleed	N	ALIB007A	215	
		35					
		36					
		37					
		38					
		39					
		40					
		41					
		42					
		43		Y			
		44	PHC 50ug/ml				
		45	WV5493-2DL 3540				2D/500
		46	PHC 50ug/ml				
11/3/05		47	Thermal Bleed	N	FLPB006A		
		48		Y			
		49	FLPRO 50ug/ml				
		50	WG22232-1 3510				
		51	-2				
		52	-3				
		53	WV5103-1RE				OTP
		54	-2				
		55	MeCl	—			
		56	Thermal Bleed	Y			
		57	FLPRO 2ug/ml				
11/4/05	SAW	58	Thermal Bleed	N			
		59		Y			
		60	FLPRO 50ug/ml				
		61	GC0270 Surrogate				
		62	WG22382-1 3550				
		63	-2				n-C30-d62

Katahdin Analytical Services, Inc.
Instrument: GC12 (FID)
Amount Injected 1ul

GC Laboratory Instrument Runlog

Method (circle): EPH(MADEP) / FL PRO

Reviewed by/ Date:

DRO/TPH - 8015Mod. / MDEP 4.1.25 / 8100Mod

Date	Init.	Result File	Sample ID	Y/N	Method	Column	Comments
11/4/05	SPW	CVK20104	WG22382-3 3550	Y	FLPB006A	215	
		105	WV5255-12RE 11/4/05				10ml C30-dio2 WV5255-12RE
		106	-16RE				
		107	-17				
		108	-20				
		109	WV5725-1 3550				
		110	-2				
11/5/05		111	MeCl2	—			
		112	Thermal Bleed	Y			
		113	FLPRO 20ug/ml				H1412
		114	WV5725-9 3550				
		115	-6				
		116	-5				C30 dio2
		117	-4				
		118	-3DL 1:10	N			R 1:50
		119	MeCl2				
		120					
		121	Thermal Bleed	Y			
		122	FLPRO 50ug/ml 11/7/05				H1411
11/7/05	SPW	123	Thermal Bleed	N			
		124		Y			
		125	FLPRO 50ug/ml H1411				
		126	WV5725-3DL2 1:50 3550				50/500; 100/500
		127	MeCl2	—			
		128	Thermal Bleed	Y			
		129	FLPRO 20ug/ml H1412				

FL PRO
SON

Katahdin Analytical Services, Inc.
Organics Extraction Log

Protocol: SW846
Analysis: FUEL OILS
Date QC Started: 11-3-05
QC Expiration Date: 11-17-05
QC Batch ID:
SURROGATE ID: ~~GC0280~~ GC0269 #GC0270
CLEAN-UP: GC screen, GPC, Florosil, Acid Wash, Other:
Solvent Lot # Mellz: B32E08
Solvent Lot #

Analytical Method: SW846/8015M/ME 4.1.25
Extraction Technique: SONIC 3550
SOX 3540
ASE 3545
Matrix: SOLID
SPIKE ID: GC0268
Sonicator Horns Tuned:

Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Init.	Comments
Blank-1	11-3-05	KF	WG22382-1	30g	2.0 mL	NR	2mL	11-3-05	FL20 A8	TR	R41470 RP 11-6-2 water bath
LCS-1			-2			2.0 mL			A9		
MS			-3						A10		
MSD											
Blank-2											
LCS-2											
Blank-3											
LCS-3											
Blank-4											
LCS-4											
Blank-5											
LCS-5											
Blank-6											
LCS-6											

QAEX105 0000075

Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Init.	Comments
1	11-3-05	KF	WV5725-1	30g	2.0mL	NR	2mL	11-3-05	FL20 A11	TR	# DRYUAP POS.6
2			-2						A12		POS.2
3			-3						B1		POS.5
4			-4						B2		POS.1
5			-5						B3		POS.3
6			-6						B4		POS.4
7			-7						B5		KP 11-6 water bath
8			WV5255-12						B6		RE
9			-16						B7		
10			-17						B8		
11			-20						B9		
12											
13											
14											
15											
16											
17											
18											
19											
20											

Reviewed By:

QAEX105 0000076

Katahdin Analytical Services 3000029

CONVENTIONAL AND PHYSICAL ANALYTICAL DATA

QC Summary Section

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Quality Control Report

Blank Sample Summary Report

Total Solids

Samp Type	QC Batch	Anal. Method	Anal. Date	Prep. Date	Result	PQL
MBLANK	WG22415	CLP SOW 788	03-NOV-05	02-NOV-05	U 1 %	1 %

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Quality Control Report

Laboratory Control Sample Summary Report

Total Solids

Lab Sample Id	Samp Type	QC Batch	Analysis Date	Prep Date	Units	Spike Amt.	Result	Recovery	Acceptance Range	RPD
WG22415-2	LCS	WG22415	03-NOV-05	02-NOV-05	%	90	90.	100	80-120	

Sample Data Section

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5725-1
Report Date: 11-NOV-05
Client PO: MSA-0402-N4113-05 100453
Project: CTO 003 NAS JACKSONVILLE
SDG: WV5725

Sample Description	Matrix	Date Sampled	Date Received
JAX-PCA25-SB01-S03	SL	26-OCT-05	28-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	81. %	1	CLP SOW 788	WG22415	03-NOV-05 11:39:00	CLP SOW 788	02-NOV-05	JF	

340 County Road No. 5
P.O. Box 720, Westbrook, ME 04098
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
info@katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5725-2
Report Date: 11-NOV-05
Client PO: MSA-0402-N4113-05 100453
Project: CTO 003 NAS JACKSONVILLE
SDG: WV5725

Sample Description	Matrix	Date Sampled	Date Received
JAX-PCA25-SB02-S05	SL	26-OCT-05	28-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	79. %	1	CLP SOW 788	WG22415	03-NOV-05 11:40:00	CLP SOW 788	02-NOV-05	JF	

340 County Road No. 5
P.O. Box 720, Westbrook, ME 04098
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
sales@katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5725-3
Report Date: 11-NOV-05
Client PO: MSA-0402-N4113-05 100453
Project: CTO 003 NAS JACKSONVILLE
SDG: WV5725

Sample Description	Matrix	Date Sampled	Date Received
JAX-PCA25-SB01-S05	SL	26-OCT-05	28-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	81. %	1	CLP SOW 788	WG22415	03-NOV-05 11:41:00	CLP SOW 788	02-NOV-05	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5725-4
Report Date: 11-NOV-05
Client PO: MSA-0402-N4113-05 100453
Project: CTO 003 NAS JACKSONVILLE
SDG: WV5725

Sample Description	Matrix	Date Sampled	Date Received
JAX-PCA25-SB09-S03	SL	26-OCT-05	28-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	91. %	1	CLP SOW 788	WG22415	03-NOV-05 11:42:00	CLP SOW 788	02-NOV-05	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5725-5
Report Date: 11-NOV-05
Client PO: MSA-0402-N4113-05 100453
Project: CTO 003 NAS JACKSONVILLE
SDG: WV5725

Sample Description	Matrix	Date Sampled	Date Received
JAX-PCA25-SB11-S03	SL	26-OCT-05	28-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	79. %	1	CLP SOW 788	WG22415	03-NOV-05 11:43:00	CLP SOW 788	02-NOV-05	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5725-6
Report Date: 11-NOV-05
Client PO: MSA-0402-N4113-05 100453
Project: CTO 003 NAS JACKSONVILLE
SDG: WV5725

Sample Description	Matrix	Date Sampled	Date Received
JAX-PCA25-SB14-S03	SL	26-OCT-05	28-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	82. %	1	CLP SOW 788	WG22415	03-NOV-05 11:44:00	CLP SOW 788	02-NOV-05	JF	

340 County Road No. 5
P.O. Box 720, Westbrook, ME 04098
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
sales@katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5725-7
Report Date: 11-NOV-05
Client PO: MSA-0402-N4113-05 100453
Project: CTO 003 NAS JACKSONVILLE
SDG: WV5725

Sample Description	Matrix	Date Sampled	Date Received
JAX-PCA25-SB17-S03	SL	26-OCT-05	28-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	85. %	1	CLP SOW 788	WG22415	03-NOV-05 11:45:00	CLP SOW 788	02-NOV-05	JF	

Raw Data Section

TOTAL SOLIDS BATCH REPORT
Nov 04 2005, 08:01 am
Batch: WG22415

Sample	Matrix	Type	Batch	Prep Date	Tare	Initial	Final	by	Date	Raw TS	Rep TS	Recovery	RPD
WG22415-1	SL	MBLANK	WG22415	02-NOV-05	.995 g	.995 g	.996 g	JF	03-NOV-05	0.1000	1 %		
WG22415-2	SL	LCS	WG22415	02-NOV-05	.998 g	6 g	5.493 g	JF	03-NOV-05	89.8640	90. %	100	
WG22415-3	SL	DUP	WG22415	02-NOV-05	1.003 g	10.321 g	8.576 g	JF	03-NOV-05	81.2730	81. %		3
WG22415-4	SL	DUP	WG22415	02-NOV-05	1.024 g	8.252 g	7.49 g	JF	03-NOV-05	89.4580	89. %		2
WV5697-10	SL	SAMP	WG22415	02-NOV-05	1.014 g	11.914 g	9.975 g	JF	03-NOV-05	82.2110	82. %		
WV5697-11	SL	SAMP	WG22415	02-NOV-05	1.024 g	8.052 g	7.158 g	JF	03-NOV-05	87.2790	87. %		
WV5697-12	SL	SAMP	WG22415	02-NOV-05	1.004 g	5.936 g	5.234 g	JF	03-NOV-05	85.7660	86. %		
WV5697-13	SL	SAMP	WG22415	02-NOV-05	1.028 g	12.07 g	10.657 g	JF	03-NOV-05	87.2030	87. %		
WV5697-5	SL	SAMP	WG22415	02-NOV-05	.998 g	10.38 g	8.869 g	JF	03-NOV-05	83.8950	84. %		
WV5697-6	SL	SAMP	WG22415	02-NOV-05	1.028 g	7.792 g	6.82 g	JF	03-NOV-05	85.6300	86. %		
WV5697-7	SL	SAMP	WG22415	02-NOV-05	1.014 g	9.293 g	7.597 g	JF	03-NOV-05	79.5140	80. %		
WV5697-8	SL	SAMP	WG22415	02-NOV-05	1.006 g	7.935 g	6.72 g	JF	03-NOV-05	82.4650	82. %		
WV5697-9	SL	SAMP	WG22415	02-NOV-05	1.002 g	12.431 g	10.564 g	JF	03-NOV-05	83.6640	84. %		
WV5713-1	SL	SAMP	WG22415	02-NOV-05	1.022 g	6.942 g	5.71 g	JF	03-NOV-05	79.1890	79. %		
WV5713-12	SL	SAMP	WG22415	02-NOV-05	1.021 g	8.216 g	7.351 g	JF	03-NOV-05	87.9780	88. %		
WV5725-1	SL	SAMP	WG22415	02-NOV-05	1.04 g	10.151 g	8.396 g	JF	03-NOV-05	80.7380	81. %		
WV5725-2	SL	SAMP	WG22415	02-NOV-05	1.009 g	8.499 g	6.938 g	JF	03-NOV-05	79.1590	79. %		
WV5725-3	SL	SAMP	WG22415	02-NOV-05	1 g	7.602 g	6.349 g	JF	03-NOV-05	81.0210	81. %		
WV5725-4	SL	SAMP	WG22415	02-NOV-05	1.023 g	10.906 g	9.996 g	JF	03-NOV-05	90.7920	91. %		
WV5725-5	SL	SAMP	WG22415	02-NOV-05	1.022 g	11.263 g	9.133 g	JF	03-NOV-05	79.2010	79. %		
WV5725-6	SL	SAMP	WG22415	02-NOV-05	1.029 g	7.844 g	6.594 g	JF	03-NOV-05	81.6580	82. %		
WV5725-7	SL	SAMP	WG22415	02-NOV-05	1.034 g	7.98 g	6.927 g	JF	03-NOV-05	84.8400	85. %		
WV5831-1	SL	SAMP	WG22415	02-NOV-05	1.005 g	9.606 g	5.377 g	JF	03-NOV-05	50.8310	51. %		

Comments:

WG22415-1	WV5697-5
WG22415-2	WV5697-5
WG22415-3	WV5697-5
WG22415-4	WV5713-12

Entered by: _____ Date: 11-04-05 Accepted by: _____ Date: 11/07/05

Katahdin Analytical Services 5000014

KATAHDIN ANALYTICAL SERVICES, INC.

TOTAL SOLIDS: CLP SOW 788	PQL: 0.10% ___	ASTM CLASS 1 WEIGHTS W622415 R41489	
TOTAL VOLATILE SOLIDS: EPA 160.4	PQL: 0.10% ___		
ANALYST IN:	ANALYST OUT:		
DATE IN: 11-2-05	DATE OUT: 11-3-05		
TIME IN: 1011	TIME OUT: 735		
TEMP IN: 103	TEMP OUT: 103		
CHECKED BY:	DATE: 11/07/05		

TRUE WT (g)	INITIAL WT (g)	FINAL WT (g)
2.0000	2.000	2.000
5.0000	4.999	5.001
10.0000	10.000	10.001
100.0000		

SAMPLE ID	DISH ID	DISH WT (g)	DISH WET WT (g)	DISH DRY WT (g)	DISH/ASH WT (g)	TIME
W622415-1 Blank	25	0.995	0.995	0.996		1124
-2 Lei	26	0.998	6.000	5.493		1125
WV5697-5	27	0.998	10.380	8.869		1126
W622415-3 Dy -5	28	1.003	10.321	8.576		1127
-6	29	1.028	7.792	6.820		1128
-7	30	1.014	9.293	7.597		1129
-8	31	1.006	7.935	6.720		1130
-9	32	1.002	12.431	10.564		1131
-10	33	1.014	11.914	9.975		1132
-11	34	1.024	8.052	7.158		1133
-12	35	1.004	5.936	5.234		1134
-13	36	1.028	12.070	10.657		1135
WV5713 -1	37	1.022	6.942	5.710		1136
-2	38	1.021	8.216	7.357		1137
W622415 -4 Dy 12	39	1.024	8.252	7.490		1138
WV5725-1	40	1.040	10.151	8.396		1139
-2	41	1.009	8.499	6.938		1140
-3	42	1.000	7.602	6.349		1141
-4	43	1.023	10.906	9.996		1142
-5	44	1.022	11.263	9.133		1143
-6	45	1.029	7.844	6.594		1144
-7	46	1.034	7.980	6.927		1145
WV5831-1	47	1.005	9.606	5.377		1146

QAWL386

Katahdin Analytical Services

00000034

JANUARY 2006

CASE NARRATIVE

Date: February 8, 2006

Client: Tetra Tech

Project #: 112G00132

Lab ID: B600157

Overview

All samples submitted were analyzed by Environmental Conservation Laboratories, Inc. in accordance with the methods referenced in the laboratory report. Any particular difficulties encountered during sample handling by Environmental Conservation Laboratories, Inc. will be discussed in the QC Remarks section below.

Quality Control Remarks

There were no quality control anomalies present.

Other Comments

Sample ids on the COC are different from the way the samples were reported. This difference is per Mark Peterson with Tetra Tech. He requested that the sample id's be changed.

The analytical data presented in this report are consistent with the methods as referenced in the analytical report. Any exceptions or deviations are noted in the QC remarks section of this narrative. Should there be any questions regarding this package, please feel free to contact the undersigned for additional information.

Released By:
Environmental Conservation Laboratories, Inc.

Scott D. Martin
Laboratory Manager

Soil inconsistent data

Environmental Conservation Laboratories, Inc.
4810 Executive Park Court, Suite 211
Jacksonville FL, 32216-6069
Phone: 904.296.3007 FAX: 904.296.6210
www.encolabs.com

February 04, 2006

Tetra Tech NUS (BR006)
Attn: Greg Roof
8640 Philips Highway Suite 16
Jacksonville, FL 32256

RE: Project Number: 112G00132, Project Name/Desc: PCA 25 and Hawkins UST
ENCO Workorder: B600157

Dear Greg Roof,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on 1/16/06 5:35:00PM.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

This data has been produced in accordance with NELAC standards (June, 2003). This report shall not be reproduced except in full, without the written approval of the Laboratory.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Chris Tompkins
Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 83.

www.encolabs.com

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: JAX-PCA25-SB24-503 **Lab ID:** B600157-01

Sampled: 01/16/06 08:45 **Received:** 01/16/06 17:35

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
% Calculation	07/15/06	01/26/06 13:21	1/26/2006 15:53
EPA 8260B	01/30/06	01/17/06 16:45	1/18/2006 01:07
EPA 8270C	01/30/06	01/17/06 13:02	1/20/2006 18:02
FLPRO	01/30/06	01/18/06 15:06	1/22/2006 22:35

Client ID: JAX-PCA25-SB25-503 **Lab ID:** B600157-02

Sampled: 01/16/06 09:35 **Received:** 01/16/06 17:35

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
% Calculation	07/15/06	01/26/06 13:21	1/26/2006 15:53
EPA 8260B	01/30/06	01/17/06 16:45	1/26/2006 17:36
EPA 8270C	01/30/06	01/17/06 13:02	1/20/2006 18:20
FLPRO	01/30/06	01/18/06 15:06	1/22/2006 17:26

Client ID: JAX-PCA25-SB26-503 **Lab ID:** B600157-03

Sampled: 01/16/06 10:00 **Received:** 01/16/06 17:35

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
% Calculation	07/15/06	01/26/06 13:21	1/26/2006 15:53
EPA 8260B	01/30/06	01/17/06 16:45	1/17/2006 23:57
EPA 8270C	01/30/06	01/17/06 13:02	1/20/2006 18:38
FLPRO	01/30/06	01/18/06 15:06	1/23/2006 11:17

www.encolabs.com

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: JAX-PCA25-SB27-503 **Lab ID:** B600157-04

Sampled: 01/16/06 10:15 **Received:** 01/16/06 17:35

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
% Calculation	07/15/06	01/26/06 13:21	1/26/2006 15:53
EPA 8260B	01/30/06	01/17/06 16:45	1/18/2006 00:32
EPA 8270C	01/30/06	01/17/06 13:02	1/20/2006 18:55
FLPRO	01/30/06	01/18/06 15:06	1/22/2006 18:09

Client ID: JAX-PCA25-SB28-503 **Lab ID:** B600157-05

Sampled: 01/16/06 10:55 **Received:** 01/16/06 17:35

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
% Calculation	07/15/06	01/26/06 13:21	1/26/2006 15:53
EPA 8260B	01/30/06	01/17/06 16:45	1/17/2006 22:46
EPA 8270C	01/30/06	01/17/06 13:02	1/20/2006 19:13
FLPRO	01/30/06	01/18/06 15:06	1/22/2006 18:31

Client ID: JAX-PCA25-SB29-503 **Lab ID:** B600157-06

Sampled: 01/16/06 11:15 **Received:** 01/16/06 17:35

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
% Calculation	07/15/06	01/26/06 13:21	1/26/2006 15:53
EPA 8260B	01/30/06	01/17/06 16:45	1/17/2006 23:21
EPA 8270C	01/30/06	01/17/06 13:02	1/20/2006 19:30
FLPRO	01/30/06	01/18/06 15:06	1/22/2006 18:53

www.encolabs.com

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: JAX-PCA25-SB30-503 **Lab ID:** B600157-07

Sampled: 01/16/06 11:30 **Received:** 01/16/06 17:35

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
% Calculation	07/15/06	01/26/06 13:21	1/26/2006 15:53
EPA 8260B	01/30/06	01/17/06 16:45	1/17/2006 22:10
EPA 8270C	01/30/06	01/17/06 13:02	1/20/2006 19:48
FLPRO	01/30/06	01/18/06 15:06	1/22/2006 21:29

Client ID: JAX-PCA25-SB31-503 **Lab ID:** B600157-08

Sampled: 01/16/06 11:55 **Received:** 01/16/06 17:35

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
% Calculation	07/15/06	01/26/06 13:21	1/26/2006 15:53
EPA 8260B	01/30/06	01/17/06 16:45	1/23/2006 18:10
EPA 8270C	01/30/06	01/17/06 13:02	2/1/2006 15:19
FLPRO	01/30/06	01/18/06 15:06	1/22/2006 22:58

Client ID: JAX-PCA25-SB32-503 **Lab ID:** B600157-09

Sampled: 01/16/06 12:15 **Received:** 01/16/06 17:35

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
% Calculation	07/15/06	01/26/06 13:21	1/26/2006 15:53
EPA 8260B	01/30/06	01/17/06 16:45	1/18/2006 02:18
EPA 8270C	01/30/06	01/17/06 13:02	1/20/2006 20:23
FLPRO	01/30/06	01/18/06 15:06	1/22/2006 19:15

www.encolabs.com

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: JAX-PCA25-SB33-503 **Lab ID:** B600157-10

Sampled: 01/16/06 13:50 **Received:** 01/16/06 17:35

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
% Calculation	07/15/06	01/26/06 13:21	1/26/2006 15:53
EPA 8260B	01/30/06	01/17/06 16:45	1/23/2006 16:24
EPA 8270C	01/30/06	01/19/06 07:29	1/20/2006 14:36
FLPRO	01/30/06	01/18/06 15:06	1/22/2006 19:37

Client ID: JAX-PCA25-SB34-503 **Lab ID:** B600157-11

Sampled: 01/16/06 14:15 **Received:** 01/16/06 17:35

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
% Calculation	07/15/06	01/26/06 13:21	1/26/2006 15:53
EPA 8260B	01/30/06	01/17/06 16:45	1/23/2006 16:59
EPA 8270C	01/30/06	01/19/06 07:29	1/20/2006 14:54
FLPRO	01/30/06	01/18/06 15:06	1/22/2006 19:59

Client ID: JAX-PCA25-SB35-503 **Lab ID:** B600157-12

Sampled: 01/16/06 14:45 **Received:** 01/16/06 17:35

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
% Calculation	07/15/06	01/26/06 13:21	1/26/2006 15:53
EPA 8260B	01/30/06	01/17/06 16:45	1/23/2006 17:35
EPA 8270C	01/30/06	01/19/06 07:29	1/20/2006 15:11
FLPRO	01/30/06	01/18/06 15:06	1/22/2006 23:20

SUMMARY TABLE - SAMPLE DETECTS ONLY

Client ID: - Lab ID: **B600157-13**

No Results Detected

Client ID: - Lab ID: **B600157-14**

No Results Detected

Client ID: - Lab ID: **B600157-15**

No Results Detected

Client ID: - Lab ID: **B600157-16**

No Results Detected

Client ID: - Lab ID: **B600157-17**

No Results Detected

Client ID: - Lab ID: **B600157-18**

No Results Detected

Client ID: - Lab ID: **B600157-19**

No Results Detected

Client ID: - Lab ID: **B600157-20**

No Results Detected

Client ID: - Lab ID: **B600157-21**

No Results Detected

Client ID: - Lab ID: **B600157-22**

No Results Detected

SUMMARY TABLE - SAMPLE DETECTS ONLY

Client ID: - Lab ID: **B600157-23**

No Results Detected

Client ID: - Lab ID: **B600157-24**

No Results Detected

Client ID: - Lab ID: **B600157-25**

No Results Detected

SUMMARY TABLE - SAMPLE DETECTS ONLY

Client ID: **JAX-PCA25-SB24-503** Lab ID: **B600157-01**

Analyte	Results/Qual	MRL	Units	Method
Methylene Chloride	9.26 O-01, D, B	2.21	ug/kg dry	EPA 8260B
Toluene	0.553 I, D	1.11	ug/kg dry	EPA 8260B
C8-C40	86.1	7.67	mg/kg dry	FLPRO
Benzo(a)anthracene	50.4	38.4	ug/kg dry	EPA 8270C
Benzo(a)pyrene	54.3	38.4	ug/kg dry	EPA 8270C
Benzo(b)fluoranthene	73.6	38.4	ug/kg dry	EPA 8270C
Benzo(g,h,i)perylene	38.8	38.4	ug/kg dry	EPA 8270C
Benzo(k)fluoranthene	34.9 I	38.4	ug/kg dry	EPA 8270C
Chrysene	38.8	38.4	ug/kg dry	EPA 8270C
Indeno(1,2,3-cd)pyrene	302	38.4	ug/kg dry	EPA 8270C
Pyrene	23.3 I	38.4	ug/kg dry	EPA 8270C
% Solids	86.0	0.1	% by Weight	% Calculation

Client ID: **JAX-PCA25-SB25-503** Lab ID: **B600157-02**

Analyte	Results/Qual	MRL	Units	Method
Methylene Chloride	15.9 O-01, D, B	2.08	ug/kg dry	EPA 8260B
Toluene	0.841 I, D	1.04	ug/kg dry	EPA 8260B
C8-C40	80.5	7.50	mg/kg dry	FLPRO
Anthracene	22.7 I	37.5	ug/kg dry	EPA 8270C
Benzo(a)anthracene	125	37.5	ug/kg dry	EPA 8270C
Benzo(a)pyrene	79.5	37.5	ug/kg dry	EPA 8270C
Benzo(b)fluoranthene	125	37.5	ug/kg dry	EPA 8270C
Benzo(g,h,i)perylene	41.7	37.5	ug/kg dry	EPA 8270C
Benzo(k)fluoranthene	37.9	37.5	ug/kg dry	EPA 8270C
Chrysene	110	37.5	ug/kg dry	EPA 8270C
Fluoranthene	284	37.5	ug/kg dry	EPA 8270C
Indeno(1,2,3-cd)pyrene	303	37.5	ug/kg dry	EPA 8270C
Phenanthrene	41.7	37.5	ug/kg dry	EPA 8270C
Pyrene	254	37.5	ug/kg dry	EPA 8270C

SUMMARY TABLE - SAMPLE DETECTS ONLY

Client ID: **JAX-PCA25-SB25-503** Lab ID: **B600157-02**

Analyte	Results/Qual		MRL	Units	Method
% Solids	88.0		0.1	% by Weight	% Calculation

Client ID: **JAX-PCA25-SB26-503** Lab ID: **B600157-03**

Analyte	Results/Qual		MRL	Units	Method
Methylene Chloride	9.78	O-01, D, B	2.46	ug/kg dry	EPA 8260B
% Solids	85.0		0.1	% by Weight	% Calculation

Client ID: **JAX-PCA25-SB27-503** Lab ID: **B600157-04**

Analyte	Results/Qual		MRL	Units	Method
Methylene Chloride	12.4	O-01, D, B	2.29	ug/kg dry	EPA 8260B
Toluene	0.618	I, D	1.14	ug/kg dry	EPA 8260B
% Solids	84.0		0.1	% by Weight	% Calculation

Client ID: **JAX-PCA25-SB28-503** Lab ID: **B600157-05**

Analyte	Results/Qual		MRL	Units	Method
Methylene Chloride	11.1	O-01, D, B	2.35	ug/kg dry	EPA 8260B
% Solids	87.0		0.1	% by Weight	% Calculation

Client ID: **JAX-PCA25-SB29-503** Lab ID: **B600157-06**

Analyte	Results/Qual		MRL	Units	Method
Methylene Chloride	10.7	O-01, D, B	2.02	ug/kg dry	EPA 8260B
Toluene	0.526	I, D	1.01	ug/kg dry	EPA 8260B
C8-C40	10.1		8.46	mg/kg dry	FLPRO
% Solids	78.0		0.1	% by Weight	% Calculation

Client ID: **JAX-PCA25-SB30-503** Lab ID: **B600157-07**

Analyte	Results/Qual		MRL	Units	Method
Methylene Chloride	12.5	O-01, D, B	2.45	ug/kg dry	EPA 8260B
C8-C40	7.12	I	7.50	mg/kg dry	FLPRO
% Solids	88.0		0.1	% by Weight	% Calculation

Client ID: **JAX-PCA25-SB31-503** Lab ID: **B600157-08**

Analyte	Results/Qual		MRL	Units	Method
Ethylbenzene	2.27	D	1.04	ug/kg dry	EPA 8260B
m,p-Xylenes	0.989	I, D	2.08	ug/kg dry	EPA 8260B
Methylene Chloride	17.0	O-01, D, B	2.08	ug/kg dry	EPA 8260B
o-Xylene	3.75	D	1.04	ug/kg dry	EPA 8260B
Toluene	0.823	I, D	1.04	ug/kg dry	EPA 8260B
C8-C40	15300	D	379	mg/kg dry	FLPRO
1-Methylnaphthalene	575	D	379	ug/kg dry	EPA 8270C
Acenaphthene	728	D	379	ug/kg dry	EPA 8270C

SUMMARY TABLE - SAMPLE DETECTS ONLY

Client ID: **JAX-PCA25-SB31-503** Lab ID: **B600157-08**

Analyte	Results/Qual	MRL	Units	Method
Anthracene	1070 D	379	ug/kg dry	EPA 8270C
Benzo(a)anthracene	2180 D	379	ug/kg dry	EPA 8270C
Benzo(a)pyrene	1490 D	379	ug/kg dry	EPA 8270C
Benzo(b)fluoranthene	881 D	379	ug/kg dry	EPA 8270C
Benzo(g,h,i)perylene	2110 D	379	ug/kg dry	EPA 8270C
Chrysene	3180 D	379	ug/kg dry	EPA 8270C
Fluoranthene	2950 D	379	ug/kg dry	EPA 8270C
Fluorene	2950 D	379	ug/kg dry	EPA 8270C
Indeno(1,2,3-cd)pyrene	421 A-01, D	379	ug/kg dry	EPA 8270C
Naphthalene	307 I, D	379	ug/kg dry	EPA 8270C
Phenanthrene	8620 D	379	ug/kg dry	EPA 8270C
Pyrene	18600 D	379	ug/kg dry	EPA 8270C
% Solids	87.0	0.1	% by Weight	% Calculation

Client ID: **JAX-PCA25-SB32-503** Lab ID: **B600157-09**

Analyte	Results/Qual	MRL	Units	Method
Methylene Chloride	11.7 O-01, D, B	2.48	ug/kg dry	EPA 8260B
Toluene	0.706 I, D	1.24	ug/kg dry	EPA 8260B
% Solids	87.0	0.1	% by Weight	% Calculation

Client ID: **JAX-PCA25-SB33-503** Lab ID: **B600157-10**

Analyte	Results/Qual	MRL	Units	Method
Methylene Chloride	15.3 O-01, D, B	2.14	ug/kg dry	EPA 8260B
Toluene	0.654 I, D	1.07	ug/kg dry	EPA 8260B
Benzo(a)anthracene	32.5 I	40.2	ug/kg dry	EPA 8270C
Benzo(a)pyrene	32.5 I	40.2	ug/kg dry	EPA 8270C
Benzo(b)fluoranthene	48.8	40.2	ug/kg dry	EPA 8270C
Benzo(g,h,i)perylene	40.7	40.2	ug/kg dry	EPA 8270C
Chrysene	24.4 I	40.2	ug/kg dry	EPA 8270C
Indeno(1,2,3-cd)pyrene	317	40.2	ug/kg dry	EPA 8270C
% Solids	82.0	0.1	% by Weight	% Calculation

Client ID: **JAX-PCA25-SB34-503** Lab ID: **B600157-11**

Analyte	Results/Qual	MRL	Units	Method
Methylene Chloride	9.42 O-01, D, B	2.62	ug/kg dry	EPA 8260B
Toluene	0.628 I, D	1.31	ug/kg dry	EPA 8260B
% Solids	78.0	0.1	% by Weight	% Calculation

Client ID: **JAX-PCA25-SB35-503** Lab ID: **B600157-12**

Analyte	Results/Qual	MRL	Units	Method
Methylene Chloride	7.53 O-01, D, B	2.08	ug/kg dry	EPA 8260B
Toluene	0.437 I, D	1.04	ug/kg dry	EPA 8260B
C8-C40	11.0	7.86	mg/kg dry	FLPRO

SUMMARY TABLE - SAMPLE DETECTS ONLY

Client ID: **JAX-PCA25-SB35-503** Lab ID: **B600157-12**

Analyte	Results/Qual	MRL	Units	Method
% Solids	84.0	0.1	% by Weight	% Calculation

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB24-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-01	Work Order #:	B600157
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/18/06 By: ds/	Unit:	ug/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	86.00
QC Batch:	6A19013		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1-Trichloroethane	71-55-6	0.111 U, D	0.111	1.11	ug/kg dry
1,1,2,2-Tetrachloroethane	79-34-5	0.221 U, D	0.221	0.221	ug/kg dry
1,1,2-Trichloroethane	79-00-5	0.221 U, D	0.221	1.11	ug/kg dry
1,1-Dichloroethane	75-34-3	0.221 U, D	0.221	1.11	ug/kg dry
1,1-Dichloroethene	75-35-4	0.221 U, D	0.221	1.11	ug/kg dry
1,2-Dichlorobenzene	95-50-1	0.221 U, D	0.221	1.11	ug/kg dry
1,2-Dichloroethane	107-06-2	0.111 U, D	0.111	1.11	ug/kg dry
1,2-Dichloropropane	78-87-5	0.111 U, D	0.111	1.11	ug/kg dry
1,3-Dichlorobenzene	541-73-1	0.221 U, D	0.221	1.11	ug/kg dry
1,4-Dichlorobenzene	106-46-7	0.111 U, D	0.111	1.11	ug/kg dry
Benzene	71-43-2	0.111 U, D	0.111	1.11	ug/kg dry
Bromodichloromethane	75-27-4	0.111 U, D	0.111	0.442	ug/kg dry
Bromoform	75-25-2	0.221 U, D	0.221	1.11	ug/kg dry
Bromomethane	74-83-9	0.774 U, D	0.774	1.11	ug/kg dry
Carbon Tetrachloride	56-23-5	0.221 U, D	0.221	1.11	ug/kg dry
Chlorobenzene	108-90-7	0.111 U, D	0.111	1.11	ug/kg dry
Chloroethane	75-00-3	0.442 U, D	0.442	1.11	ug/kg dry
Chloroform	67-66-3	0.111 U, D	0.111	1.11	ug/kg dry
Chloromethane	74-87-3	0.332 U, D	0.332	1.11	ug/kg dry
cis-1,2-Dichloroethene	156-59-4	0.221 U, D	0.221	1.11	ug/kg dry
cis-1,3-Dichloropropene	10061-01-5	0.221 U, D	0.221	0.221	ug/kg dry
Dibromochloromethane	124-48-1	0.221 U, D	0.221	0.221	ug/kg dry
Dichlorodifluoromethane	75-71-8	0.332 U, D	0.332	1.11	ug/kg dry
Ethylbenzene	100-41-4	0.221 U, D	0.221	1.11	ug/kg dry
m,p-Xylenes	108-38-3/106-42-3	0.332 U, D	0.332	2.21	ug/kg dry
Methylene Chloride	75-09-2	**9.26** O-01, D, B	0.553	2.21	ug/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.111 U, D	0.111	1.11	ug/kg dry
o-Xylene	95-47-6	0.111 U, D	0.111	1.11	ug/kg dry
Tetrachloroethene	127-18-4	0.884 U, D	0.884	1.11	ug/kg dry
Toluene	108-88-3	**0.553** I, D	0.221	1.11	ug/kg dry
trans-1,2-Dichloroethene	156-60-5	0.332 U, D	0.332	1.11	ug/kg dry
trans-1,3-Dichloropropene	10061-02-6	0.221 U, D	0.221	0.221	ug/kg dry
Trichloroethene	79-01-6	0.111 U, D	0.111	1.11	ug/kg dry
Trichlorofluoromethane	75-69-4	0.442 U, D	0.442	1.11	ug/kg dry
Vinyl chloride	75-01-4	0.332 U, D	0.332	1.11	ug/kg dry

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB24-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-01	Work Order #:	B600157
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/18/06 By: ds/	Unit:	ug/kg
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	86.00
QC Batch:	6A19013		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	46.8	50.0	94 %	60-130
4-Bromofluorobenzene	460-00-4	46.8	50.0	94 %	60-130
Dibromofluoromethane	1868-53-7	51.2	50.0	102 %	66-131
Dibromofluoromethane	1868-53-7	51.2	50.0	102 %	66-131
Toluene-d8	2037-26-5	49.5	50.0	99 %	67-139
Toluene-d8	2037-26-5	49.5	50.0	99 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB24-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-01	Work Order #:	B600157
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	01/22/06 By: rw	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	1
Anal. Batch:		Percent Solids:	86.00
QC Batch:	6A18015		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
C8-C40	NA	**86.1**	6.52	7.67	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	3.99	3.88	103 %	29-145
o-Terphenyl	84-15-1	1.80	1.94	93 %	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB24-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-01	Work Order #:	B600157
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	01/20/06 By: jj	Unit:	ug/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:		Percent Solids:	86.00
QC Batch:	6A17010		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	12.3 U	12.3	38.4	ug/kg dry
2-Methylnaphthalene	91-57-6	11.5 U	11.5	38.4	ug/kg dry
Acenaphthene	83-32-9	8.44 U	8.44	38.4	ug/kg dry
Acenaphthylene	208-96-8	12.3 U	12.3	38.4	ug/kg dry
Anthracene	120-12-7	8.02 U	8.02	38.4	ug/kg dry
Benzo(a)anthracene	56-55-3	**50.4**	8.02	38.4	ug/kg dry
Benzo(a)pyrene	50-32-8	**54.3**	8.02	38.4	ug/kg dry
Benzo(b)fluoranthene	205-99-2	**73.6**	6.20	38.4	ug/kg dry
Benzo(g,h,i)perylene	191-24-2	**38.8**	11.9	38.4	ug/kg dry
Benzo(k)fluoranthene	207-08-9	**34.9** I	8.02	38.4	ug/kg dry
Chrysene	218-01-9	**38.8**	8.49	38.4	ug/kg dry
Dibenzo(a,h)anthracene	53-70-3	13.0 U	13.0	38.4	ug/kg dry
Fluoranthene	206-44-0	10.3 U	10.3	38.4	ug/kg dry
Fluorene	86-73-7	7.33 U	7.33	38.4	ug/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	**302**	13.5	38.4	ug/kg dry
Naphthalene	91-20-3	14.2 U	14.2	38.4	ug/kg dry
Phenanthrene	85-01-8	8.02 U	8.02	38.4	ug/kg dry
Pyrene	129-00-0	**23.3** I	10.3	38.4	ug/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	1550	1940	80 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID: JAX-PCA25-SB24-503
Lab #: B600157-01

Project: PCA 25 and Hawkins UST
Work Order #: B600157
Matrix: Soil

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
% Solids	NA	86.0	0.1	0.1	% by Weight	% Calculation	% Solids	6A26008

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB25-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-02	Work Order #:	B600157
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/26/06 By: ds/	Unit:	ug/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	88.00
QC Batch:	6A19013		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1-Trichloroethane	71-55-6	0.104 U, D	0.104	1.04	ug/kg dry
1,1,2,2-Tetrachloroethane	79-34-5	0.208 U, D	0.208	0.208	ug/kg dry
1,1,2-Trichloroethane	79-00-5	0.208 U, D	0.208	1.04	ug/kg dry
1,1-Dichloroethane	75-34-3	0.208 U, D	0.208	1.04	ug/kg dry
1,1-Dichloroethene	75-35-4	0.208 U, D	0.208	1.04	ug/kg dry
1,2-Dichlorobenzene	95-50-1	0.208 U, D	0.208	1.04	ug/kg dry
1,2-Dichloroethane	107-06-2	0.104 U, D	0.104	1.04	ug/kg dry
1,2-Dichloropropane	78-87-5	0.104 U, D	0.104	1.04	ug/kg dry
1,3-Dichlorobenzene	541-73-1	0.208 U, D	0.208	1.04	ug/kg dry
1,4-Dichlorobenzene	106-46-7	0.104 U, D	0.104	1.04	ug/kg dry
Benzene	71-43-2	0.104 U, D	0.104	1.04	ug/kg dry
Bromodichloromethane	75-27-4	0.104 U, D	0.104	0.415	ug/kg dry
Bromoform	75-25-2	0.208 U, D	0.208	1.04	ug/kg dry
Bromomethane	74-83-9	0.727 U, D	0.727	1.04	ug/kg dry
Carbon Tetrachloride	56-23-5	0.208 U, D	0.208	1.04	ug/kg dry
Chlorobenzene	108-90-7	0.104 U, D	0.104	1.04	ug/kg dry
Chloroethane	75-00-3	0.415 U, D	0.415	1.04	ug/kg dry
Chloroform	67-66-3	0.104 U, D	0.104	1.04	ug/kg dry
Chloromethane	74-87-3	0.312 U, D	0.312	1.04	ug/kg dry
cis-1,2-Dichloroethene	156-59-4	0.208 U, D	0.208	1.04	ug/kg dry
cis-1,3-Dichloropropene	10061-01-5	0.208 U, D	0.208	0.208	ug/kg dry
Dibromochloromethane	124-48-1	0.208 U, D	0.208	0.208	ug/kg dry
Dichlorodifluoromethane	75-71-8	0.312 U, D	0.312	1.04	ug/kg dry
Ethylbenzene	100-41-4	0.208 U, D	0.208	1.04	ug/kg dry
m,p-Xylenes	108-38-3/106-42-3	0.312 U, D	0.312	2.08	ug/kg dry
Methylene Chloride	75-09-2	**15.9** O-01, D, B	0.519	2.08	ug/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.104 U, D	0.104	1.04	ug/kg dry
o-Xylene	95-47-6	0.104 U, D	0.104	1.04	ug/kg dry
Tetrachloroethene	127-18-4	0.831 U, D	0.831	1.04	ug/kg dry
Toluene	108-88-3	**0.841** I, D	0.208	1.04	ug/kg dry
trans-1,2-Dichloroethene	156-60-5	0.312 U, D	0.312	1.04	ug/kg dry
trans-1,3-Dichloropropene	10061-02-6	0.208 U, D	0.208	0.208	ug/kg dry
Trichloroethene	79-01-6	0.104 U, D	0.104	1.04	ug/kg dry
Trichlorofluoromethane	75-69-4	0.415 U, D	0.415	1.04	ug/kg dry
Vinyl chloride	75-01-4	0.312 U, D	0.312	1.04	ug/kg dry

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB25-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-02	Work Order #:	B600157
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/26/06 By: ds/	Unit:	ug/kg
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	88.00
QC Batch:	6A19013		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	44.4	50.0	89 %	60-130
4-Bromofluorobenzene	460-00-4	44.4	50.0	89 %	60-130
Dibromofluoromethane	1868-53-7	39.0	50.0	78 %	66-131
Dibromofluoromethane	1868-53-7	39.0	50.0	78 %	66-131
Toluene-d8	2037-26-5	49.5	50.0	99 %	67-139
Toluene-d8	2037-26-5	49.5	50.0	99 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB25-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-02	Work Order #:	B600157
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	01/22/06 By: rw	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	1
Anal. Batch:		Percent Solids:	88.00
QC Batch:	6A18015		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
C8-C40	NA	**80.5**	6.38	7.50	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	4.67	3.79	123 %	29-145
o-Terphenyl	84-15-1	1.99	1.89	105 %	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB25-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-02	Work Order #:	B600157
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	01/20/06 By: jj	Unit:	ug/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:		Percent Solids:	88.00
QC Batch:	6A17010		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	12.0 U	12.0	37.5	ug/kg dry
2-Methylnaphthalene	91-57-6	11.2 U	11.2	37.5	ug/kg dry
Acenaphthene	83-32-9	8.25 U	8.25	37.5	ug/kg dry
Acenaphthylene	208-96-8	12.0 U	12.0	37.5	ug/kg dry
Anthracene	120-12-7	**22.7** I	7.84	37.5	ug/kg dry
Benzo(a)anthracene	56-55-3	**125**	7.84	37.5	ug/kg dry
Benzo(a)pyrene	50-32-8	**79.5**	7.84	37.5	ug/kg dry
Benzo(b)fluoranthene	205-99-2	**125**	6.05	37.5	ug/kg dry
Benzo(g,h,i)perylene	191-24-2	**41.7**	11.6	37.5	ug/kg dry
Benzo(k)fluoranthene	207-08-9	**37.9**	7.84	37.5	ug/kg dry
Chrysene	218-01-9	**110**	8.30	37.5	ug/kg dry
Dibenzo(a,h)anthracene	53-70-3	12.7 U	12.7	37.5	ug/kg dry
Fluoranthene	206-44-0	**284**	10.1	37.5	ug/kg dry
Fluorene	86-73-7	7.16 U	7.16	37.5	ug/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	**303**	13.2	37.5	ug/kg dry
Naphthalene	91-20-3	13.9 U	13.9	37.5	ug/kg dry
Phenanthrene	85-01-8	**41.7**	7.84	37.5	ug/kg dry
Pyrene	129-00-0	**254**	10.1	37.5	ug/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	1590	1890	84 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID: JAX-PCA25-SB25-503
Lab #: B600157-02

Project: PCA 25 and Hawkins UST
Work Order #: B600157
Matrix: Soil

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
% Solids	NA	88.0	0.1	0.1	% by Weight	% Calculation	% Solids	6A26008

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB26-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-03	Work Order #:	B600157
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/17/06 By: ds/	Unit:	ug/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	85.00
QC Batch:	6A19013		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1-Trichloroethane	71-55-6	0.123 U, D	0.123	1.23	ug/kg dry
1,1,2,2-Tetrachloroethane	79-34-5	0.246 U, D	0.246	0.246	ug/kg dry
1,1,2-Trichloroethane	79-00-5	0.246 U, D	0.246	1.23	ug/kg dry
1,1-Dichloroethane	75-34-3	0.246 U, D	0.246	1.23	ug/kg dry
1,1-Dichloroethene	75-35-4	0.246 U, D	0.246	1.23	ug/kg dry
1,2-Dichlorobenzene	95-50-1	0.246 U, D	0.246	1.23	ug/kg dry
1,2-Dichloroethane	107-06-2	0.123 U, D	0.123	1.23	ug/kg dry
1,2-Dichloropropane	78-87-5	0.123 U, D	0.123	1.23	ug/kg dry
1,3-Dichlorobenzene	541-73-1	0.246 U, D	0.246	1.23	ug/kg dry
1,4-Dichlorobenzene	106-46-7	0.123 U, D	0.123	1.23	ug/kg dry
Benzene	71-43-2	0.123 U, D	0.123	1.23	ug/kg dry
Bromodichloromethane	75-27-4	0.123 U, D	0.123	0.492	ug/kg dry
Bromoform	75-25-2	0.246 U, D	0.246	1.23	ug/kg dry
Bromomethane	74-83-9	0.861 U, D	0.861	1.23	ug/kg dry
Carbon Tetrachloride	56-23-5	0.246 U, D	0.246	1.23	ug/kg dry
Chlorobenzene	108-90-7	0.123 U, D	0.123	1.23	ug/kg dry
Chloroethane	75-00-3	0.492 U, D	0.492	1.23	ug/kg dry
Chloroform	67-66-3	0.123 U, D	0.123	1.23	ug/kg dry
Chloromethane	74-87-3	0.369 U, D	0.369	1.23	ug/kg dry
cis-1,2-Dichloroethene	156-59-4	0.246 U, D	0.246	1.23	ug/kg dry
cis-1,3-Dichloropropene	10061-01-5	0.246 U, D	0.246	0.246	ug/kg dry
Dibromochloromethane	124-48-1	0.246 U, D	0.246	0.246	ug/kg dry
Dichlorodifluoromethane	75-71-8	0.369 U, D	0.369	1.23	ug/kg dry
Ethylbenzene	100-41-4	0.246 U, D	0.246	1.23	ug/kg dry
m,p-Xylenes	108-38-3/106-42-3	0.369 U, D	0.369	2.46	ug/kg dry
Methylene Chloride	75-09-2	**9.78** O-01, D, B	0.615	2.46	ug/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.123 U, D	0.123	1.23	ug/kg dry
o-Xylene	95-47-6	0.123 U, D	0.123	1.23	ug/kg dry
Tetrachloroethene	127-18-4	0.984 U, D	0.984	1.23	ug/kg dry
Toluene	108-88-3	0.246 U, D	0.246	1.23	ug/kg dry
trans-1,2-Dichloroethene	156-60-5	0.369 U, D	0.369	1.23	ug/kg dry
trans-1,3-Dichloropropene	10061-02-6	0.246 U, D	0.246	0.246	ug/kg dry
Trichloroethene	79-01-6	0.123 U, D	0.123	1.23	ug/kg dry
Trichlorofluoromethane	75-69-4	0.492 U, D	0.492	1.23	ug/kg dry
Vinyl chloride	75-01-4	0.369 U, D	0.369	1.23	ug/kg dry

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB26-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-03	Work Order #:	B600157
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/17/06 By: ds/	Unit:	ug/kg
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	85.00
QC Batch:	6A19013		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	48.8	50.0	98 %	60-130
4-Bromofluorobenzene	460-00-4	48.8	50.0	98 %	60-130
Dibromofluoromethane	1868-53-7	54.3	50.0	109 %	66-131
Dibromofluoromethane	1868-53-7	54.3	50.0	109 %	66-131
Toluene-d8	2037-26-5	48.9	50.0	98 %	67-139
Toluene-d8	2037-26-5	48.9	50.0	98 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB26-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-03	Work Order #:	B600157
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	01/23/06 By: rw	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	1
Anal. Batch:		Percent Solids:	85.00
QC Batch:	6A18015		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
C8-C40	NA	6.60 U	6.60	7.76	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	2.48	3.92	63 %	29-145
o-Terphenyl	84-15-1	1.77	1.96	90 %	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB26-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-03	Work Order #:	B600157
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	01/20/06 By: jj	Unit:	ug/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:		Percent Solids:	85.00
QC Batch:	6A17010		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	12.5 U	12.5	38.8	ug/kg dry
2-Methylnaphthalene	91-57-6	11.6 U	11.6	38.8	ug/kg dry
Acenaphthene	83-32-9	8.54 U	8.54	38.8	ug/kg dry
Acenaphthylene	208-96-8	12.5 U	12.5	38.8	ug/kg dry
Anthracene	120-12-7	8.12 U	8.12	38.8	ug/kg dry
Benzo(a)anthracene	56-55-3	8.12 U	8.12	38.8	ug/kg dry
Benzo(a)pyrene	50-32-8	8.12 U	8.12	38.8	ug/kg dry
Benzo(b)fluoranthene	205-99-2	6.27 U	6.27	38.8	ug/kg dry
Benzo(g,h,i)perylene	191-24-2	12.0 U	12.0	38.8	ug/kg dry
Benzo(k)fluoranthene	207-08-9	8.12 U	8.12	38.8	ug/kg dry
Chrysene	218-01-9	8.59 U	8.59	38.8	ug/kg dry
Dibenzo(a,h)anthracene	53-70-3	13.2 U	13.2	38.8	ug/kg dry
Fluoranthene	206-44-0	10.5 U	10.5	38.8	ug/kg dry
Fluorene	86-73-7	7.41 U	7.41	38.8	ug/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	13.6 U	13.6	38.8	ug/kg dry
Naphthalene	91-20-3	14.4 U	14.4	38.8	ug/kg dry
Phenanthrene	85-01-8	8.12 U	8.12	38.8	ug/kg dry
Pyrene	129-00-0	10.5 U	10.5	38.8	ug/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	1700	1960	87 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID: JAX-PCA25-SB26-503
Lab #: B600157-03

Project: PCA 25 and Hawkins UST
Work Order #: B600157
Matrix: Soil

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
% Solids	NA	85.0	0.1	0.1	% by Weight	% Calculation	% Solids	6A26008

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB27-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-04	Work Order #:	B600157
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/18/06 By: ds/	Unit:	ug/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	84.00
QC Batch:	6A19013		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1-Trichloroethane	71-55-6	0.114 U, D	0.114	1.14	ug/kg dry
1,1,2,2-Tetrachloroethane	79-34-5	0.229 U, D	0.229	0.229	ug/kg dry
1,1,2-Trichloroethane	79-00-5	0.229 U, D	0.229	1.14	ug/kg dry
1,1-Dichloroethane	75-34-3	0.229 U, D	0.229	1.14	ug/kg dry
1,1-Dichloroethene	75-35-4	0.229 U, D	0.229	1.14	ug/kg dry
1,2-Dichlorobenzene	95-50-1	0.229 U, D	0.229	1.14	ug/kg dry
1,2-Dichloroethane	107-06-2	0.114 U, D	0.114	1.14	ug/kg dry
1,2-Dichloropropane	78-87-5	0.114 U, D	0.114	1.14	ug/kg dry
1,3-Dichlorobenzene	541-73-1	0.229 U, D	0.229	1.14	ug/kg dry
1,4-Dichlorobenzene	106-46-7	0.114 U, D	0.114	1.14	ug/kg dry
Benzene	71-43-2	0.114 U, D	0.114	1.14	ug/kg dry
Bromodichloromethane	75-27-4	0.114 U, D	0.114	0.458	ug/kg dry
Bromoform	75-25-2	0.229 U, D	0.229	1.14	ug/kg dry
Bromomethane	74-83-9	0.801 U, D	0.801	1.14	ug/kg dry
Carbon Tetrachloride	56-23-5	0.229 U, D	0.229	1.14	ug/kg dry
Chlorobenzene	108-90-7	0.114 U, D	0.114	1.14	ug/kg dry
Chloroethane	75-00-3	0.458 U, D	0.458	1.14	ug/kg dry
Chloroform	67-66-3	0.114 U, D	0.114	1.14	ug/kg dry
Chloromethane	74-87-3	0.343 U, D	0.343	1.14	ug/kg dry
cis-1,2-Dichloroethene	156-59-4	0.229 U, D	0.229	1.14	ug/kg dry
cis-1,3-Dichloropropene	10061-01-5	0.229 U, D	0.229	0.229	ug/kg dry
Dibromochloromethane	124-48-1	0.229 U, D	0.229	0.229	ug/kg dry
Dichlorodifluoromethane	75-71-8	0.343 U, D	0.343	1.14	ug/kg dry
Ethylbenzene	100-41-4	0.229 U, D	0.229	1.14	ug/kg dry
m,p-Xylenes	108-38-3/106-42-3	0.343 U, D	0.343	2.29	ug/kg dry
Methylene Chloride	75-09-2	**12.4** O-01, D, B	0.572	2.29	ug/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.114 U, D	0.114	1.14	ug/kg dry
o-Xylene	95-47-6	0.114 U, D	0.114	1.14	ug/kg dry
Tetrachloroethene	127-18-4	0.916 U, D	0.916	1.14	ug/kg dry
Toluene	108-88-3	**0.618** I, D	0.229	1.14	ug/kg dry
trans-1,2-Dichloroethene	156-60-5	0.343 U, D	0.343	1.14	ug/kg dry
trans-1,3-Dichloropropene	10061-02-6	0.229 U, D	0.229	0.229	ug/kg dry
Trichloroethene	79-01-6	0.114 U, D	0.114	1.14	ug/kg dry
Trichlorofluoromethane	75-69-4	0.458 U, D	0.458	1.14	ug/kg dry
Vinyl chloride	75-01-4	0.343 U, D	0.343	1.14	ug/kg dry

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB27-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-04	Work Order #:	B600157
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/18/06 By: ds/	Unit:	ug/kg
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	84.00
QC Batch:	6A19013		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	46.7	50.0	93 %	60-130
4-Bromofluorobenzene	460-00-4	46.7	50.0	93 %	60-130
Dibromofluoromethane	1868-53-7	49.5	50.0	99 %	66-131
Dibromofluoromethane	1868-53-7	49.5	50.0	99 %	66-131
Toluene-d8	2037-26-5	49.0	50.0	98 %	67-139
Toluene-d8	2037-26-5	49.0	50.0	98 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB27-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-04	Work Order #:	B600157
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	01/22/06 By: rw	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	1
Anal. Batch:		Percent Solids:	84.00
QC Batch:	6A18015		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
C8-C40	NA	6.68 U	6.68	7.86	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	4.53	3.97	114 %	29-145
o-Terphenyl	84-15-1	2.07	1.98	105 %	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB27-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-04	Work Order #:	B600157
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	01/20/06 By: jj	Unit:	ug/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:		Percent Solids:	84.00
QC Batch:	6A17010		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	12.6 U	12.6	39.3	ug/kg dry
2-Methylnaphthalene	91-57-6	11.8 U	11.8	39.3	ug/kg dry
Acenaphthene	83-32-9	8.64 U	8.64	39.3	ug/kg dry
Acenaphthylene	208-96-8	12.6 U	12.6	39.3	ug/kg dry
Anthracene	120-12-7	8.21 U	8.21	39.3	ug/kg dry
Benzo(a)anthracene	56-55-3	8.21 U	8.21	39.3	ug/kg dry
Benzo(a)pyrene	50-32-8	8.21 U	8.21	39.3	ug/kg dry
Benzo(b)fluoranthene	205-99-2	6.34 U	6.34	39.3	ug/kg dry
Benzo(g,h,i)perylene	191-24-2	12.1 U	12.1	39.3	ug/kg dry
Benzo(k)fluoranthene	207-08-9	8.21 U	8.21	39.3	ug/kg dry
Chrysene	218-01-9	8.69 U	8.69	39.3	ug/kg dry
Dibenzo(a,h)anthracene	53-70-3	13.3 U	13.3	39.3	ug/kg dry
Fluoranthene	206-44-0	10.6 U	10.6	39.3	ug/kg dry
Fluorene	86-73-7	7.50 U	7.50	39.3	ug/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	13.8 U	13.8	39.3	ug/kg dry
Naphthalene	91-20-3	14.5 U	14.5	39.3	ug/kg dry
Phenanthrene	85-01-8	8.21 U	8.21	39.3	ug/kg dry
Pyrene	129-00-0	10.6 U	10.6	39.3	ug/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	1670	1980	84 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID: JAX-PCA25-SB27-503
Lab #: B600157-04

Project: PCA 25 and Hawkins UST
Work Order #: B600157
Matrix: Soil

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
% Solids	NA	84.0	0.1	0.1	% by Weight	% Calculation	% Solids	6A26008

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB28-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-05	Work Order #:	B600157
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/17/06 By: ds/	Unit:	ug/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	87.00
QC Batch:	6A19013		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1-Trichloroethane	71-55-6	0.117 U, D	0.117	1.17	ug/kg dry
1,1,2,2-Tetrachloroethane	79-34-5	0.235 U, D	0.235	0.235	ug/kg dry
1,1,2-Trichloroethane	79-00-5	0.235 U, D	0.235	1.17	ug/kg dry
1,1-Dichloroethane	75-34-3	0.235 U, D	0.235	1.17	ug/kg dry
1,1-Dichloroethene	75-35-4	0.235 U, D	0.235	1.17	ug/kg dry
1,2-Dichlorobenzene	95-50-1	0.235 U, D	0.235	1.17	ug/kg dry
1,2-Dichloroethane	107-06-2	0.117 U, D	0.117	1.17	ug/kg dry
1,2-Dichloropropane	78-87-5	0.117 U, D	0.117	1.17	ug/kg dry
1,3-Dichlorobenzene	541-73-1	0.235 U, D	0.235	1.17	ug/kg dry
1,4-Dichlorobenzene	106-46-7	0.117 U, D	0.117	1.17	ug/kg dry
Benzene	71-43-2	0.117 U, D	0.117	1.17	ug/kg dry
Bromodichloromethane	75-27-4	0.117 U, D	0.117	0.469	ug/kg dry
Bromoform	75-25-2	0.235 U, D	0.235	1.17	ug/kg dry
Bromomethane	74-83-9	0.821 U, D	0.821	1.17	ug/kg dry
Carbon Tetrachloride	56-23-5	0.235 U, D	0.235	1.17	ug/kg dry
Chlorobenzene	108-90-7	0.117 U, D	0.117	1.17	ug/kg dry
Chloroethane	75-00-3	0.469 U, D	0.469	1.17	ug/kg dry
Chloroform	67-66-3	0.117 U, D	0.117	1.17	ug/kg dry
Chloromethane	74-87-3	0.352 U, D	0.352	1.17	ug/kg dry
cis-1,2-Dichloroethene	156-59-4	0.235 U, D	0.235	1.17	ug/kg dry
cis-1,3-Dichloropropene	10061-01-5	0.235 U, D	0.235	0.235	ug/kg dry
Dibromochloromethane	124-48-1	0.235 U, D	0.235	0.235	ug/kg dry
Dichlorodifluoromethane	75-71-8	0.352 U, D	0.352	1.17	ug/kg dry
Ethylbenzene	100-41-4	0.235 U, D	0.235	1.17	ug/kg dry
m,p-Xylenes	108-38-3/106-42-3	0.352 U, D	0.352	2.35	ug/kg dry
Methylene Chloride	75-09-2	**11.1** O-01, D, B	0.586	2.35	ug/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.117 U, D	0.117	1.17	ug/kg dry
o-Xylene	95-47-6	0.117 U, D	0.117	1.17	ug/kg dry
Tetrachloroethene	127-18-4	0.938 U, D	0.938	1.17	ug/kg dry
Toluene	108-88-3	0.235 U, D	0.235	1.17	ug/kg dry
trans-1,2-Dichloroethene	156-60-5	0.352 U, D	0.352	1.17	ug/kg dry
trans-1,3-Dichloropropene	10061-02-6	0.235 U, D	0.235	0.235	ug/kg dry
Trichloroethene	79-01-6	0.117 U, D	0.117	1.17	ug/kg dry
Trichlorofluoromethane	75-69-4	0.469 U, D	0.469	1.17	ug/kg dry
Vinyl chloride	75-01-4	0.352 U, D	0.352	1.17	ug/kg dry

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB28-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-05	Work Order #:	B600157
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/17/06 By: ds/	Unit:	ug/kg
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	87.00
QC Batch:	6A19013		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	47.9	50.0	96 %	60-130
4-Bromofluorobenzene	460-00-4	47.9	50.0	96 %	60-130
Dibromofluoromethane	1868-53-7	56.4	50.0	113 %	66-131
Dibromofluoromethane	1868-53-7	56.4	50.0	113 %	66-131
Toluene-d8	2037-26-5	49.0	50.0	98 %	67-139
Toluene-d8	2037-26-5	49.0	50.0	98 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB28-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-05	Work Order #:	B600157
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	01/22/06 By: rw	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	1
Anal. Batch:		Percent Solids:	87.00
QC Batch:	6A18015		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
C8-C40	NA	6.45 U	6.45	7.59	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	4.67	3.83	122 %	29-145
o-Terphenyl	84-15-1	2.09	1.92	109 %	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB28-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-05	Work Order #:	B600157
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	01/20/06 By: jj	Unit:	ug/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:		Percent Solids:	87.00
QC Batch:	6A17010		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	12.2 U	12.2	37.9	ug/kg dry
2-Methylnaphthalene	91-57-6	11.4 U	11.4	37.9	ug/kg dry
Acenaphthene	83-32-9	8.34 U	8.34	37.9	ug/kg dry
Acenaphthylene	208-96-8	12.2 U	12.2	37.9	ug/kg dry
Anthracene	120-12-7	7.93 U	7.93	37.9	ug/kg dry
Benzo(a)anthracene	56-55-3	7.93 U	7.93	37.9	ug/kg dry
Benzo(a)pyrene	50-32-8	7.93 U	7.93	37.9	ug/kg dry
Benzo(b)fluoranthene	205-99-2	6.12 U	6.12	37.9	ug/kg dry
Benzo(g,h,i)perylene	191-24-2	11.7 U	11.7	37.9	ug/kg dry
Benzo(k)fluoranthene	207-08-9	7.93 U	7.93	37.9	ug/kg dry
Chrysene	218-01-9	8.39 U	8.39	37.9	ug/kg dry
Dibenzo(a,h)anthracene	53-70-3	12.9 U	12.9	37.9	ug/kg dry
Fluoranthene	206-44-0	10.2 U	10.2	37.9	ug/kg dry
Fluorene	86-73-7	7.24 U	7.24	37.9	ug/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	13.3 U	13.3	37.9	ug/kg dry
Naphthalene	91-20-3	14.0 U	14.0	37.9	ug/kg dry
Phenanthrene	85-01-8	7.93 U	7.93	37.9	ug/kg dry
Pyrene	129-00-0	10.2 U	10.2	37.9	ug/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	1570	1920	82 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID: JAX-PCA25-SB28-503
Lab #: B600157-05

Project: PCA 25 and Hawkins UST
Work Order #: B600157
Matrix: Soil

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
% Solids	NA	87.0	0.1	0.1	% by Weight	% Calculation	% Solids	6A26008

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB29-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-06	Work Order #:	B600157
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/17/06 By: ds/	Unit:	ug/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	78.00
QC Batch:	6A19013		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1-Trichloroethane	71-55-6	0.101 U, D	0.101	1.01	ug/kg dry
1,1,2,2-Tetrachloroethane	79-34-5	0.202 U, D	0.202	0.202	ug/kg dry
1,1,2-Trichloroethane	79-00-5	0.202 U, D	0.202	1.01	ug/kg dry
1,1-Dichloroethane	75-34-3	0.202 U, D	0.202	1.01	ug/kg dry
1,1-Dichloroethene	75-35-4	0.202 U, D	0.202	1.01	ug/kg dry
1,2-Dichlorobenzene	95-50-1	0.202 U, D	0.202	1.01	ug/kg dry
1,2-Dichloroethane	107-06-2	0.101 U, D	0.101	1.01	ug/kg dry
1,2-Dichloropropane	78-87-5	0.101 U, D	0.101	1.01	ug/kg dry
1,3-Dichlorobenzene	541-73-1	0.202 U, D	0.202	1.01	ug/kg dry
1,4-Dichlorobenzene	106-46-7	0.101 U, D	0.101	1.01	ug/kg dry
Benzene	71-43-2	0.101 U, D	0.101	1.01	ug/kg dry
Bromodichloromethane	75-27-4	0.101 U, D	0.101	0.404	ug/kg dry
Bromoform	75-25-2	0.202 U, D	0.202	1.01	ug/kg dry
Bromomethane	74-83-9	0.708 U, D	0.708	1.01	ug/kg dry
Carbon Tetrachloride	56-23-5	0.202 U, D	0.202	1.01	ug/kg dry
Chlorobenzene	108-90-7	0.101 U, D	0.101	1.01	ug/kg dry
Chloroethane	75-00-3	0.404 U, D	0.404	1.01	ug/kg dry
Chloroform	67-66-3	0.101 U, D	0.101	1.01	ug/kg dry
Chloromethane	74-87-3	0.303 U, D	0.303	1.01	ug/kg dry
cis-1,2-Dichloroethene	156-59-4	0.202 U, D	0.202	1.01	ug/kg dry
cis-1,3-Dichloropropene	10061-01-5	0.202 U, D	0.202	0.202	ug/kg dry
Dibromochloromethane	124-48-1	0.202 U, D	0.202	0.202	ug/kg dry
Dichlorodifluoromethane	75-71-8	0.303 U, D	0.303	1.01	ug/kg dry
Ethylbenzene	100-41-4	0.202 U, D	0.202	1.01	ug/kg dry
m,p-Xylenes	108-38-3/106-42-3	0.303 U, D	0.303	2.02	ug/kg dry
Methylene Chloride	75-09-2	**10.7** O-01, D, B	0.506	2.02	ug/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.101 U, D	0.101	1.01	ug/kg dry
o-Xylene	95-47-6	0.101 U, D	0.101	1.01	ug/kg dry
Tetrachloroethene	127-18-4	0.809 U, D	0.809	1.01	ug/kg dry
Toluene	108-88-3	**0.526** I, D	0.202	1.01	ug/kg dry
trans-1,2-Dichloroethene	156-60-5	0.303 U, D	0.303	1.01	ug/kg dry
trans-1,3-Dichloropropene	10061-02-6	0.202 U, D	0.202	0.202	ug/kg dry
Trichloroethene	79-01-6	0.101 U, D	0.101	1.01	ug/kg dry
Trichlorofluoromethane	75-69-4	0.404 U, D	0.404	1.01	ug/kg dry
Vinyl chloride	75-01-4	0.303 U, D	0.303	1.01	ug/kg dry

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB29-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-06	Work Order #:	B600157
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/17/06 By: ds/	Unit:	ug/kg
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	78.00
QC Batch:	6A19013		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	46.9	50.0	94 %	60-130
4-Bromofluorobenzene	460-00-4	46.9	50.0	94 %	60-130
Dibromofluoromethane	1868-53-7	50.1	50.0	100 %	66-131
Dibromofluoromethane	1868-53-7	50.1	50.0	100 %	66-131
Toluene-d8	2037-26-5	50.1	50.0	100 %	67-139
Toluene-d8	2037-26-5	50.1	50.0	100 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB29-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-06	Work Order #:	B600157
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	01/22/06 By: rw	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	1
Anal. Batch:		Percent Solids:	78.00
QC Batch:	6A18015		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
C8-C40	NA	**10.1**	7.19	8.46	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	4.40	4.27	103 %	29-145
o-Terphenyl	84-15-1	2.27	2.14	106 %	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB29-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-06	Work Order #:	B600157
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	01/20/06 By: jj	Unit:	ug/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:		Percent Solids:	78.00
QC Batch:	6A17010		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	13.6 U	13.6	42.3	ug/kg dry
2-Methylnaphthalene	91-57-6	12.7 U	12.7	42.3	ug/kg dry
Acenaphthene	83-32-9	9.31 U	9.31	42.3	ug/kg dry
Acenaphthylene	208-96-8	13.6 U	13.6	42.3	ug/kg dry
Anthracene	120-12-7	8.85 U	8.85	42.3	ug/kg dry
Benzo(a)anthracene	56-55-3	8.85 U	8.85	42.3	ug/kg dry
Benzo(a)pyrene	50-32-8	8.85 U	8.85	42.3	ug/kg dry
Benzo(b)fluoranthene	205-99-2	6.83 U	6.83	42.3	ug/kg dry
Benzo(g,h,i)perylene	191-24-2	13.1 U	13.1	42.3	ug/kg dry
Benzo(k)fluoranthene	207-08-9	8.85 U	8.85	42.3	ug/kg dry
Chrysene	218-01-9	9.36 U	9.36	42.3	ug/kg dry
Dibenzo(a,h)anthracene	53-70-3	14.4 U	14.4	42.3	ug/kg dry
Fluoranthene	206-44-0	11.4 U	11.4	42.3	ug/kg dry
Fluorene	86-73-7	8.08 U	8.08	42.3	ug/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	14.9 U	14.9	42.3	ug/kg dry
Naphthalene	91-20-3	15.6 U	15.6	42.3	ug/kg dry
Phenanthrene	85-01-8	8.85 U	8.85	42.3	ug/kg dry
Pyrene	129-00-0	11.4 U	11.4	42.3	ug/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	1680	2140	79 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID: JAX-PCA25-SB29-503
Lab #: B600157-06

Project: PCA 25 and Hawkins UST
Work Order #: B600157
Matrix: Soil

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
% Solids	NA	78.0	0.1	0.1	% by Weight	% Calculation	% Solids	6A26008

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB30-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-07	Work Order #:	B600157
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/17/06 By: ds/	Unit:	ug/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	88.00
QC Batch:	6A19013		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1-Trichloroethane	71-55-6	0.123 U, D	0.123	1.23	ug/kg dry
1,1,2,2-Tetrachloroethane	79-34-5	0.245 U, D	0.245	0.245	ug/kg dry
1,1,2-Trichloroethane	79-00-5	0.245 U, D	0.245	1.23	ug/kg dry
1,1-Dichloroethane	75-34-3	0.245 U, D	0.245	1.23	ug/kg dry
1,1-Dichloroethene	75-35-4	0.245 U, D	0.245	1.23	ug/kg dry
1,2-Dichlorobenzene	95-50-1	0.245 U, D	0.245	1.23	ug/kg dry
1,2-Dichloroethane	107-06-2	0.123 U, D	0.123	1.23	ug/kg dry
1,2-Dichloropropane	78-87-5	0.123 U, D	0.123	1.23	ug/kg dry
1,3-Dichlorobenzene	541-73-1	0.245 U, D	0.245	1.23	ug/kg dry
1,4-Dichlorobenzene	106-46-7	0.123 U, D	0.123	1.23	ug/kg dry
Benzene	71-43-2	0.123 U, D	0.123	1.23	ug/kg dry
Bromodichloromethane	75-27-4	0.123 U, D	0.123	0.491	ug/kg dry
Bromoform	75-25-2	0.245 U, D	0.245	1.23	ug/kg dry
Bromomethane	74-83-9	0.859 U, D	0.859	1.23	ug/kg dry
Carbon Tetrachloride	56-23-5	0.245 U, D	0.245	1.23	ug/kg dry
Chlorobenzene	108-90-7	0.123 U, D	0.123	1.23	ug/kg dry
Chloroethane	75-00-3	0.491 U, D	0.491	1.23	ug/kg dry
Chloroform	67-66-3	0.123 U, D	0.123	1.23	ug/kg dry
Chloromethane	74-87-3	0.368 U, D	0.368	1.23	ug/kg dry
cis-1,2-Dichloroethene	156-59-4	0.245 U, D	0.245	1.23	ug/kg dry
cis-1,3-Dichloropropene	10061-01-5	0.245 U, D	0.245	0.245	ug/kg dry
Dibromochloromethane	124-48-1	0.245 U, D	0.245	0.245	ug/kg dry
Dichlorodifluoromethane	75-71-8	0.368 U, D	0.368	1.23	ug/kg dry
Ethylbenzene	100-41-4	0.245 U, D	0.245	1.23	ug/kg dry
m,p-Xylenes	108-38-3/106-42-3	0.368 U, D	0.368	2.45	ug/kg dry
Methylene Chloride	75-09-2	**12.5** O-01, D, B	0.614	2.45	ug/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.123 U, D	0.123	1.23	ug/kg dry
o-Xylene	95-47-6	0.123 U, D	0.123	1.23	ug/kg dry
Tetrachloroethene	127-18-4	0.982 U, D	0.982	1.23	ug/kg dry
Toluene	108-88-3	0.245 U, D	0.245	1.23	ug/kg dry
trans-1,2-Dichloroethene	156-60-5	0.368 U, D	0.368	1.23	ug/kg dry
trans-1,3-Dichloropropene	10061-02-6	0.245 U, D	0.245	0.245	ug/kg dry
Trichloroethene	79-01-6	0.123 U, D	0.123	1.23	ug/kg dry
Trichlorofluoromethane	75-69-4	0.491 U, D	0.491	1.23	ug/kg dry
Vinyl chloride	75-01-4	0.368 U, D	0.368	1.23	ug/kg dry

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB30-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-07	Work Order #:	B600157
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/17/06 By: ds/	Unit:	ug/kg
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	88.00
QC Batch:	6A19013		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	47.4	50.0	95 %	60-130
4-Bromofluorobenzene	460-00-4	47.4	50.0	95 %	60-130
Dibromofluoromethane	1868-53-7	50.8	50.0	102 %	66-131
Dibromofluoromethane	1868-53-7	50.8	50.0	102 %	66-131
Toluene-d8	2037-26-5	49.6	50.0	99 %	67-139
Toluene-d8	2037-26-5	49.6	50.0	99 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB30-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-07	Work Order #:	B600157
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	01/22/06 By: rw	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	1
Anal. Batch:		Percent Solids:	88.00
QC Batch:	6A18015		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
C8-C40	NA	**7.12** I	6.38	7.50	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	4.57	3.79	121 %	29-145
o-Terphenyl	84-15-1	2.10	1.89	111 %	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB30-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-07	Work Order #:	B600157
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	01/20/06 By: jj	Unit:	ug/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:		Percent Solids:	88.00
QC Batch:	6A17010		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	12.0 U	12.0	37.5	ug/kg dry
2-Methylnaphthalene	91-57-6	11.2 U	11.2	37.5	ug/kg dry
Acenaphthene	83-32-9	8.25 U	8.25	37.5	ug/kg dry
Acenaphthylene	208-96-8	12.0 U	12.0	37.5	ug/kg dry
Anthracene	120-12-7	7.84 U	7.84	37.5	ug/kg dry
Benzo(a)anthracene	56-55-3	7.84 U	7.84	37.5	ug/kg dry
Benzo(a)pyrene	50-32-8	7.84 U	7.84	37.5	ug/kg dry
Benzo(b)fluoranthene	205-99-2	6.05 U	6.05	37.5	ug/kg dry
Benzo(g,h,i)perylene	191-24-2	11.6 U	11.6	37.5	ug/kg dry
Benzo(k)fluoranthene	207-08-9	7.84 U	7.84	37.5	ug/kg dry
Chrysene	218-01-9	8.30 U	8.30	37.5	ug/kg dry
Dibenzo(a,h)anthracene	53-70-3	12.7 U	12.7	37.5	ug/kg dry
Fluoranthene	206-44-0	10.1 U	10.1	37.5	ug/kg dry
Fluorene	86-73-7	7.16 U	7.16	37.5	ug/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	13.2 U	13.2	37.5	ug/kg dry
Naphthalene	91-20-3	13.9 U	13.9	37.5	ug/kg dry
Phenanthrene	85-01-8	7.84 U	7.84	37.5	ug/kg dry
Pyrene	129-00-0	10.1 U	10.1	37.5	ug/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	1360	1890	72 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID: JAX-PCA25-SB30-503
Lab #: B600157-07

Project: PCA 25 and Hawkins UST
Work Order #: B600157
Matrix: Soil

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
% Solids	NA	88.0	0.1	0.1	% by Weight	% Calculation	% Solids	6A26008

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB31-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-08	Work Order #:	B600157
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/23/06 By: ds/	Unit:	ug/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	87.00
QC Batch:	6A19013		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1-Trichloroethane	71-55-6	0.104 U, D	0.104	1.04	ug/kg dry
1,1,2,2-Tetrachloroethane	79-34-5	0.208 U, D	0.208	0.208	ug/kg dry
1,1,2-Trichloroethane	79-00-5	0.208 U, D	0.208	1.04	ug/kg dry
1,1-Dichloroethane	75-34-3	0.208 U, D	0.208	1.04	ug/kg dry
1,1-Dichloroethene	75-35-4	0.208 U, D	0.208	1.04	ug/kg dry
1,2-Dichlorobenzene	95-50-1	0.208 U, D	0.208	1.04	ug/kg dry
1,2-Dichloroethane	107-06-2	0.104 U, D	0.104	1.04	ug/kg dry
1,2-Dichloropropane	78-87-5	0.104 U, D	0.104	1.04	ug/kg dry
1,3-Dichlorobenzene	541-73-1	0.208 U, D	0.208	1.04	ug/kg dry
1,4-Dichlorobenzene	106-46-7	0.104 U, D	0.104	1.04	ug/kg dry
Benzene	71-43-2	0.104 U, D	0.104	1.04	ug/kg dry
Bromodichloromethane	75-27-4	0.104 U, D	0.104	0.416	ug/kg dry
Bromoform	75-25-2	0.208 U, D	0.208	1.04	ug/kg dry
Bromomethane	74-83-9	0.729 U, D	0.729	1.04	ug/kg dry
Carbon Tetrachloride	56-23-5	0.208 U, D	0.208	1.04	ug/kg dry
Chlorobenzene	108-90-7	0.104 U, D	0.104	1.04	ug/kg dry
Chloroethane	75-00-3	0.416 U, D	0.416	1.04	ug/kg dry
Chloroform	67-66-3	0.104 U, D	0.104	1.04	ug/kg dry
Chloromethane	74-87-3	0.312 U, D	0.312	1.04	ug/kg dry
cis-1,2-Dichloroethene	156-59-4	0.208 U, D	0.208	1.04	ug/kg dry
cis-1,3-Dichloropropene	10061-01-5	0.208 U, D	0.208	0.208	ug/kg dry
Dibromochloromethane	124-48-1	0.208 U, D	0.208	0.208	ug/kg dry
Dichlorodifluoromethane	75-71-8	0.312 U, D	0.312	1.04	ug/kg dry
Ethylbenzene	100-41-4	**2.27** D	0.208	1.04	ug/kg dry
m,p-Xylenes	108-38-3/106-42-3	**0.989** I, D	0.312	2.08	ug/kg dry
Methylene Chloride	75-09-2	**17.0** O-01, D, B	0.521	2.08	ug/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.104 U, D	0.104	1.04	ug/kg dry
o-Xylene	95-47-6	**3.75** D	0.104	1.04	ug/kg dry
Tetrachloroethene	127-18-4	0.833 U, D	0.833	1.04	ug/kg dry
Toluene	108-88-3	**0.823** I, D	0.208	1.04	ug/kg dry
trans-1,2-Dichloroethene	156-60-5	0.312 U, D	0.312	1.04	ug/kg dry
trans-1,3-Dichloropropene	10061-02-6	0.208 U, D	0.208	0.208	ug/kg dry
Trichloroethene	79-01-6	0.104 U, D	0.104	1.04	ug/kg dry
Trichlorofluoromethane	75-69-4	0.416 U, D	0.416	1.04	ug/kg dry
Vinyl chloride	75-01-4	0.312 U, D	0.312	1.04	ug/kg dry

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB31-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-08	Work Order #:	B600157
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/23/06 By: ds/	Unit:	ug/kg
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	87.00
QC Batch:	6A19013		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	55.9	50.0	112 %	60-130
4-Bromofluorobenzene	460-00-4	55.9	50.0	112 %	60-130
Dibromofluoromethane	1868-53-7	47.4	50.0	95 %	66-131
Dibromofluoromethane	1868-53-7	47.4	50.0	95 %	66-131
Toluene-d8	2037-26-5	44.5	50.0	89 %	67-139
Toluene-d8	2037-26-5	44.5	50.0	89 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB31-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-08	Work Order #:	B600157
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	01/22/06 By: rw	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	10
Anal. Batch:		Percent Solids:	87.00
QC Batch:	6A18015		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
C8-C40	NA	**15300** D	322	379	mg/kg dry

Surrogate Recovery		Result		Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	0.00	S-04, U	3.83	%	29-145
o-Terphenyl	84-15-1	0.00	S-04, U	1.92	%	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB31-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-08	Work Order #:	B600157
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	02/01/06 By: jj	Unit:	ug/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	10
Anal. Batch:		Percent Solids:	87.00
QC Batch:	6A17010		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	**575** D	122	379	ug/kg dry
2-Methylnaphthalene	91-57-6	114 U, D	114	379	ug/kg dry
Acenaphthene	83-32-9	**728** D	83.4	379	ug/kg dry
Acenaphthylene	208-96-8	122 U, D	122	379	ug/kg dry
Anthracene	120-12-7	**1070** D	79.3	379	ug/kg dry
Benzo(a)anthracene	56-55-3	**2180** D	79.3	379	ug/kg dry
Benzo(a)pyrene	50-32-8	**1490** D	79.3	379	ug/kg dry
Benzo(b)fluoranthene	205-99-2	**881** D	61.2	379	ug/kg dry
Benzo(g,h,i)perylene	191-24-2	**2110** D	117	379	ug/kg dry
Benzo(k)fluoranthene	207-08-9	79.3 U, D	79.3	379	ug/kg dry
Chrysene	218-01-9	**3180** D	83.9	379	ug/kg dry
Dibenzo(a,h)anthracene	53-70-3	129 U, D	129	379	ug/kg dry
Fluoranthene	206-44-0	**2950** D	102	379	ug/kg dry
Fluorene	86-73-7	**2950** D	72.4	379	ug/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	**421** A-01, D	133	379	ug/kg dry
Naphthalene	91-20-3	**307** I, D	140	379	ug/kg dry
Phenanthrene	85-01-8	**8620** D	79.3	379	ug/kg dry
Pyrene	129-00-0	**18600** D	102	379	ug/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	1840	1920	96 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID: JAX-PCA25-SB31-503
Lab #: B600157-08

Project: PCA 25 and Hawkins UST
Work Order #: B600157
Matrix: Soil

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
% Solids	NA	87.0	0.1	0.1	% by Weight	% Calculation	% Solids	6A26008

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB32-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-09	Work Order #:	B600157
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/18/06 By: ds/	Unit:	ug/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	87.00
QC Batch:	6A19013		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1-Trichloroethane	71-55-6	0.124 U, D	0.124	1.24	ug/kg dry
1,1,2,2-Tetrachloroethane	79-34-5	0.248 U, D	0.248	0.248	ug/kg dry
1,1,2-Trichloroethane	79-00-5	0.248 U, D	0.248	1.24	ug/kg dry
1,1-Dichloroethane	75-34-3	0.248 U, D	0.248	1.24	ug/kg dry
1,1-Dichloroethene	75-35-4	0.248 U, D	0.248	1.24	ug/kg dry
1,2-Dichlorobenzene	95-50-1	0.248 U, D	0.248	1.24	ug/kg dry
1,2-Dichloroethane	107-06-2	0.124 U, D	0.124	1.24	ug/kg dry
1,2-Dichloropropane	78-87-5	0.124 U, D	0.124	1.24	ug/kg dry
1,3-Dichlorobenzene	541-73-1	0.248 U, D	0.248	1.24	ug/kg dry
1,4-Dichlorobenzene	106-46-7	0.124 U, D	0.124	1.24	ug/kg dry
Benzene	71-43-2	0.124 U, D	0.124	1.24	ug/kg dry
Bromodichloromethane	75-27-4	0.124 U, D	0.124	0.495	ug/kg dry
Bromoform	75-25-2	0.248 U, D	0.248	1.24	ug/kg dry
Bromomethane	74-83-9	0.867 U, D	0.867	1.24	ug/kg dry
Carbon Tetrachloride	56-23-5	0.248 U, D	0.248	1.24	ug/kg dry
Chlorobenzene	108-90-7	0.124 U, D	0.124	1.24	ug/kg dry
Chloroethane	75-00-3	0.495 U, D	0.495	1.24	ug/kg dry
Chloroform	67-66-3	0.124 U, D	0.124	1.24	ug/kg dry
Chloromethane	74-87-3	0.372 U, D	0.372	1.24	ug/kg dry
cis-1,2-Dichloroethene	156-59-4	0.248 U, D	0.248	1.24	ug/kg dry
cis-1,3-Dichloropropene	10061-01-5	0.248 U, D	0.248	0.248	ug/kg dry
Dibromochloromethane	124-48-1	0.248 U, D	0.248	0.248	ug/kg dry
Dichlorodifluoromethane	75-71-8	0.372 U, D	0.372	1.24	ug/kg dry
Ethylbenzene	100-41-4	0.248 U, D	0.248	1.24	ug/kg dry
m,p-Xylenes	108-38-3/106-42-3	0.372 U, D	0.372	2.48	ug/kg dry
Methylene Chloride	75-09-2	**11.7** O-01, D, B	0.619	2.48	ug/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.124 U, D	0.124	1.24	ug/kg dry
o-Xylene	95-47-6	0.124 U, D	0.124	1.24	ug/kg dry
Tetrachloroethene	127-18-4	0.991 U, D	0.991	1.24	ug/kg dry
Toluene	108-88-3	**0.706** I, D	0.248	1.24	ug/kg dry
trans-1,2-Dichloroethene	156-60-5	0.372 U, D	0.372	1.24	ug/kg dry
trans-1,3-Dichloropropene	10061-02-6	0.248 U, D	0.248	0.248	ug/kg dry
Trichloroethene	79-01-6	0.124 U, D	0.124	1.24	ug/kg dry
Trichlorofluoromethane	75-69-4	0.495 U, D	0.495	1.24	ug/kg dry
Vinyl chloride	75-01-4	0.372 U, D	0.372	1.24	ug/kg dry

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB32-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-09	Work Order #:	B600157
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/18/06 By: ds/	Unit:	ug/kg
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	87.00
QC Batch:	6A19013		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	48.5	50.0	97 %	60-130
4-Bromofluorobenzene	460-00-4	48.5	50.0	97 %	60-130
Dibromofluoromethane	1868-53-7	54.7	50.0	109 %	66-131
Dibromofluoromethane	1868-53-7	54.7	50.0	109 %	66-131
Toluene-d8	2037-26-5	48.4	50.0	97 %	67-139
Toluene-d8	2037-26-5	48.4	50.0	97 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB32-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-09	Work Order #:	B600157
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	01/22/06 By: rw	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	1
Anal. Batch:		Percent Solids:	87.00
QC Batch:	6A18015		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
C8-C40	NA	6.45 U	6.45	7.59	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	3.85	3.83	101 %	29-145
o-Terphenyl	84-15-1	1.83	1.92	95 %	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB32-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-09	Work Order #:	B600157
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	01/20/06 By: jj	Unit:	ug/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:		Percent Solids:	87.00
QC Batch:	6A17010		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	12.2 U	12.2	37.9	ug/kg dry
2-Methylnaphthalene	91-57-6	11.4 U	11.4	37.9	ug/kg dry
Acenaphthene	83-32-9	8.34 U	8.34	37.9	ug/kg dry
Acenaphthylene	208-96-8	12.2 U	12.2	37.9	ug/kg dry
Anthracene	120-12-7	7.93 U	7.93	37.9	ug/kg dry
Benzo(a)anthracene	56-55-3	7.93 U	7.93	37.9	ug/kg dry
Benzo(a)pyrene	50-32-8	7.93 U	7.93	37.9	ug/kg dry
Benzo(b)fluoranthene	205-99-2	6.12 U	6.12	37.9	ug/kg dry
Benzo(g,h,i)perylene	191-24-2	11.7 U	11.7	37.9	ug/kg dry
Benzo(k)fluoranthene	207-08-9	7.93 U	7.93	37.9	ug/kg dry
Chrysene	218-01-9	8.39 U	8.39	37.9	ug/kg dry
Dibenzo(a,h)anthracene	53-70-3	12.9 U	12.9	37.9	ug/kg dry
Fluoranthene	206-44-0	10.2 U	10.2	37.9	ug/kg dry
Fluorene	86-73-7	7.24 U	7.24	37.9	ug/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	13.3 U	13.3	37.9	ug/kg dry
Naphthalene	91-20-3	14.0 U	14.0	37.9	ug/kg dry
Phenanthrene	85-01-8	7.93 U	7.93	37.9	ug/kg dry
Pyrene	129-00-0	10.2 U	10.2	37.9	ug/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	1620	1920	84 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID: JAX-PCA25-SB32-503
Lab #: B600157-09

Project: PCA 25 and Hawkins UST
Work Order #: B600157
Matrix: Soil

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
% Solids	NA	87.0	0.1	0.1	% by Weight	% Calculation	% Solids	6A26008

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB33-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-10	Work Order #:	B600157
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/23/06 By: ds/	Unit:	ug/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	82.00
QC Batch:	6A19013		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1-Trichloroethane	71-55-6	0.107 U, D	0.107	1.07	ug/kg dry
1,1,2,2-Tetrachloroethane	79-34-5	0.214 U, D	0.214	0.214	ug/kg dry
1,1,2-Trichloroethane	79-00-5	0.214 U, D	0.214	1.07	ug/kg dry
1,1-Dichloroethane	75-34-3	0.214 U, D	0.214	1.07	ug/kg dry
1,1-Dichloroethene	75-35-4	0.214 U, D	0.214	1.07	ug/kg dry
1,2-Dichlorobenzene	95-50-1	0.214 U, D	0.214	1.07	ug/kg dry
1,2-Dichloroethane	107-06-2	0.107 U, D	0.107	1.07	ug/kg dry
1,2-Dichloropropane	78-87-5	0.107 U, D	0.107	1.07	ug/kg dry
1,3-Dichlorobenzene	541-73-1	0.214 U, D	0.214	1.07	ug/kg dry
1,4-Dichlorobenzene	106-46-7	0.107 U, D	0.107	1.07	ug/kg dry
Benzene	71-43-2	0.107 U, D	0.107	1.07	ug/kg dry
Bromodichloromethane	75-27-4	0.107 U, D	0.107	0.429	ug/kg dry
Bromoform	75-25-2	0.214 U, D	0.214	1.07	ug/kg dry
Bromomethane	74-83-9	0.750 U, D	0.750	1.07	ug/kg dry
Carbon Tetrachloride	56-23-5	0.214 U, D	0.214	1.07	ug/kg dry
Chlorobenzene	108-90-7	0.107 U, D	0.107	1.07	ug/kg dry
Chloroethane	75-00-3	0.429 U, D	0.429	1.07	ug/kg dry
Chloroform	67-66-3	0.107 U, D	0.107	1.07	ug/kg dry
Chloromethane	74-87-3	0.321 U, D	0.321	1.07	ug/kg dry
cis-1,2-Dichloroethene	156-59-4	0.214 U, D	0.214	1.07	ug/kg dry
cis-1,3-Dichloropropene	10061-01-5	0.214 U, D	0.214	0.214	ug/kg dry
Dibromochloromethane	124-48-1	0.214 U, D	0.214	0.214	ug/kg dry
Dichlorodifluoromethane	75-71-8	0.321 U, D	0.321	1.07	ug/kg dry
Ethylbenzene	100-41-4	0.214 U, D	0.214	1.07	ug/kg dry
m,p-Xylenes	108-38-3/106-42-3	0.321 U, D	0.321	2.14	ug/kg dry
Methylene Chloride	75-09-2	**15.3** O-01, D, B	0.536	2.14	ug/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.107 U, D	0.107	1.07	ug/kg dry
o-Xylene	95-47-6	0.107 U, D	0.107	1.07	ug/kg dry
Tetrachloroethene	127-18-4	0.857 U, D	0.857	1.07	ug/kg dry
Toluene	108-88-3	**0.654** I, D	0.214	1.07	ug/kg dry
trans-1,2-Dichloroethene	156-60-5	0.321 U, D	0.321	1.07	ug/kg dry
trans-1,3-Dichloropropene	10061-02-6	0.214 U, D	0.214	0.214	ug/kg dry
Trichloroethene	79-01-6	0.107 U, D	0.107	1.07	ug/kg dry
Trichlorofluoromethane	75-69-4	0.429 U, D	0.429	1.07	ug/kg dry
Vinyl chloride	75-01-4	0.321 U, D	0.321	1.07	ug/kg dry

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB33-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-10	Work Order #:	B600157
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/23/06 By: ds/	Unit:	ug/kg
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	82.00
QC Batch:	6A19013		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	50.5	50.0	101 %	60-130
4-Bromofluorobenzene	460-00-4	50.5	50.0	101 %	60-130
Dibromofluoromethane	1868-53-7	39.8	50.0	80 %	66-131
Dibromofluoromethane	1868-53-7	39.8	50.0	80 %	66-131
Toluene-d8	2037-26-5	49.4	50.0	99 %	67-139
Toluene-d8	2037-26-5	49.4	50.0	99 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB33-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-10	Work Order #:	B600157
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	01/22/06 By: rw	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	1
Anal. Batch:		Percent Solids:	82.00
QC Batch:	6A18015		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
C8-C40	NA	6.84 U	6.84	8.05	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	4.69	4.07	115 %	29-145
o-Terphenyl	84-15-1	2.13	2.03	105 %	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB33-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-10	Work Order #:	B600157
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	01/20/06 By: jj	Unit:	ug/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:		Percent Solids:	82.00
QC Batch:	6A19002		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	12.9 U	12.9	40.2	ug/kg dry
2-Methylnaphthalene	91-57-6	12.1 U	12.1	40.2	ug/kg dry
Acenaphthene	83-32-9	8.85 U	8.85	40.2	ug/kg dry
Acenaphthylene	208-96-8	12.9 U	12.9	40.2	ug/kg dry
Anthracene	120-12-7	8.41 U	8.41	40.2	ug/kg dry
Benzo(a)anthracene	56-55-3	**32.5** I	8.41	40.2	ug/kg dry
Benzo(a)pyrene	50-32-8	**32.5** I	8.41	40.2	ug/kg dry
Benzo(b)fluoranthene	205-99-2	**48.8**	6.50	40.2	ug/kg dry
Benzo(g,h,i)perylene	191-24-2	**40.7**	12.4	40.2	ug/kg dry
Benzo(k)fluoranthene	207-08-9	8.41 U	8.41	40.2	ug/kg dry
Chrysene	218-01-9	**24.4** I	8.90	40.2	ug/kg dry
Dibenzo(a,h)anthracene	53-70-3	13.7 U	13.7	40.2	ug/kg dry
Fluoranthene	206-44-0	10.9 U	10.9	40.2	ug/kg dry
Fluorene	86-73-7	7.68 U	7.68	40.2	ug/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	**317**	14.1	40.2	ug/kg dry
Naphthalene	91-20-3	14.9 U	14.9	40.2	ug/kg dry
Phenanthrene	85-01-8	8.41 U	8.41	40.2	ug/kg dry
Pyrene	129-00-0	10.9 U	10.9	40.2	ug/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	1640	2030	81 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID: JAX-PCA25-SB33-503
Lab #: B600157-10

Project: PCA 25 and Hawkins UST
Work Order #: B600157
Matrix: Soil

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
% Solids	NA	82.0	0.1	0.1	% by Weight	% Calculation	% Solids	6A26008

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB34-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-11	Work Order #:	B600157
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/23/06 By: ds/	Unit:	ug/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	78.00
QC Batch:	6A19013		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1-Trichloroethane	71-55-6	0.131 U, D	0.131	1.31	ug/kg dry
1,1,2,2-Tetrachloroethane	79-34-5	0.262 U, D	0.262	0.262	ug/kg dry
1,1,2-Trichloroethane	79-00-5	0.262 U, D	0.262	1.31	ug/kg dry
1,1-Dichloroethane	75-34-3	0.262 U, D	0.262	1.31	ug/kg dry
1,1-Dichloroethene	75-35-4	0.262 U, D	0.262	1.31	ug/kg dry
1,2-Dichlorobenzene	95-50-1	0.262 U, D	0.262	1.31	ug/kg dry
1,2-Dichloroethane	107-06-2	0.131 U, D	0.131	1.31	ug/kg dry
1,2-Dichloropropane	78-87-5	0.131 U, D	0.131	1.31	ug/kg dry
1,3-Dichlorobenzene	541-73-1	0.262 U, D	0.262	1.31	ug/kg dry
1,4-Dichlorobenzene	106-46-7	0.131 U, D	0.131	1.31	ug/kg dry
Benzene	71-43-2	0.131 U, D	0.131	1.31	ug/kg dry
Bromodichloromethane	75-27-4	0.131 U, D	0.131	0.523	ug/kg dry
Bromoform	75-25-2	0.262 U, D	0.262	1.31	ug/kg dry
Bromomethane	74-83-9	0.916 U, D	0.916	1.31	ug/kg dry
Carbon Tetrachloride	56-23-5	0.262 U, D	0.262	1.31	ug/kg dry
Chlorobenzene	108-90-7	0.131 U, D	0.131	1.31	ug/kg dry
Chloroethane	75-00-3	0.523 U, D	0.523	1.31	ug/kg dry
Chloroform	67-66-3	0.131 U, D	0.131	1.31	ug/kg dry
Chloromethane	74-87-3	0.392 U, D	0.392	1.31	ug/kg dry
cis-1,2-Dichloroethene	156-59-4	0.262 U, D	0.262	1.31	ug/kg dry
cis-1,3-Dichloropropene	10061-01-5	0.262 U, D	0.262	0.262	ug/kg dry
Dibromochloromethane	124-48-1	0.262 U, D	0.262	0.262	ug/kg dry
Dichlorodifluoromethane	75-71-8	0.392 U, D	0.392	1.31	ug/kg dry
Ethylbenzene	100-41-4	0.262 U, D	0.262	1.31	ug/kg dry
m,p-Xylenes	108-38-3/106-42-3	0.392 U, D	0.392	2.62	ug/kg dry
Methylene Chloride	75-09-2	**9.42** O-01, D, B	0.654	2.62	ug/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.131 U, D	0.131	1.31	ug/kg dry
o-Xylene	95-47-6	0.131 U, D	0.131	1.31	ug/kg dry
Tetrachloroethene	127-18-4	1.05 U, D	1.05	1.31	ug/kg dry
Toluene	108-88-3	**0.628** I, D	0.262	1.31	ug/kg dry
trans-1,2-Dichloroethene	156-60-5	0.392 U, D	0.392	1.31	ug/kg dry
trans-1,3-Dichloropropene	10061-02-6	0.262 U, D	0.262	0.262	ug/kg dry
Trichloroethene	79-01-6	0.131 U, D	0.131	1.31	ug/kg dry
Trichlorofluoromethane	75-69-4	0.523 U, D	0.523	1.31	ug/kg dry
Vinyl chloride	75-01-4	0.392 U, D	0.392	1.31	ug/kg dry

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB34-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-11	Work Order #:	B600157
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/23/06 By: ds/	Unit:	ug/kg
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	78.00
QC Batch:	6A19013		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	52.4	50.0	105 %	60-130
4-Bromofluorobenzene	460-00-4	52.4	50.0	105 %	60-130
Dibromofluoromethane	1868-53-7	44.7	50.0	89 %	66-131
Dibromofluoromethane	1868-53-7	44.7	50.0	89 %	66-131
Toluene-d8	2037-26-5	47.8	50.0	96 %	67-139
Toluene-d8	2037-26-5	47.8	50.0	96 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB34-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-11	Work Order #:	B600157
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	01/22/06 By: rw	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	1
Anal. Batch:		Percent Solids:	78.00
QC Batch:	6A18015		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
C8-C40	NA	7.19 U	7.19	8.46	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	4.28	4.27	100 %	29-145
o-Terphenyl	84-15-1	2.16	2.14	101 %	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB34-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-11	Work Order #:	B600157
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	01/20/06 By: jj	Unit:	ug/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:		Percent Solids:	78.00
QC Batch:	6A19002		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	13.6 U	13.6	42.3	ug/kg dry
2-Methylnaphthalene	91-57-6	12.7 U	12.7	42.3	ug/kg dry
Acenaphthene	83-32-9	9.31 U	9.31	42.3	ug/kg dry
Acenaphthylene	208-96-8	13.6 U	13.6	42.3	ug/kg dry
Anthracene	120-12-7	8.85 U	8.85	42.3	ug/kg dry
Benzo(a)anthracene	56-55-3	8.85 U	8.85	42.3	ug/kg dry
Benzo(a)pyrene	50-32-8	8.85 U	8.85	42.3	ug/kg dry
Benzo(b)fluoranthene	205-99-2	6.83 U	6.83	42.3	ug/kg dry
Benzo(g,h,i)perylene	191-24-2	13.1 U	13.1	42.3	ug/kg dry
Benzo(k)fluoranthene	207-08-9	8.85 U	8.85	42.3	ug/kg dry
Chrysene	218-01-9	9.36 U	9.36	42.3	ug/kg dry
Dibenzo(a,h)anthracene	53-70-3	14.4 U	14.4	42.3	ug/kg dry
Fluoranthene	206-44-0	11.4 U	11.4	42.3	ug/kg dry
Fluorene	86-73-7	8.08 U	8.08	42.3	ug/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	14.9 U	14.9	42.3	ug/kg dry
Naphthalene	91-20-3	15.6 U	15.6	42.3	ug/kg dry
Phenanthrene	85-01-8	8.85 U	8.85	42.3	ug/kg dry
Pyrene	129-00-0	11.4 U	11.4	42.3	ug/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	1880	2140	88 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID: JAX-PCA25-SB34-503
Lab #: B600157-11

Project: PCA 25 and Hawkins UST
Work Order #: B600157
Matrix: Soil

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
% Solids	NA	78.0	0.1	0.1	% by Weight	% Calculation	% Solids	6A26008

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB35-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-12	Work Order #:	B600157
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/23/06 By: ds/	Unit:	ug/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	84.00
QC Batch:	6A19013		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1-Trichloroethane	71-55-6	0.104 U, D	0.104	1.04	ug/kg dry
1,1,2,2-Tetrachloroethane	79-34-5	0.208 U, D	0.208	0.208	ug/kg dry
1,1,2-Trichloroethane	79-00-5	0.208 U, D	0.208	1.04	ug/kg dry
1,1-Dichloroethane	75-34-3	0.208 U, D	0.208	1.04	ug/kg dry
1,1-Dichloroethene	75-35-4	0.208 U, D	0.208	1.04	ug/kg dry
1,2-Dichlorobenzene	95-50-1	0.208 U, D	0.208	1.04	ug/kg dry
1,2-Dichloroethane	107-06-2	0.104 U, D	0.104	1.04	ug/kg dry
1,2-Dichloropropane	78-87-5	0.104 U, D	0.104	1.04	ug/kg dry
1,3-Dichlorobenzene	541-73-1	0.208 U, D	0.208	1.04	ug/kg dry
1,4-Dichlorobenzene	106-46-7	0.104 U, D	0.104	1.04	ug/kg dry
Benzene	71-43-2	0.104 U, D	0.104	1.04	ug/kg dry
Bromodichloromethane	75-27-4	0.104 U, D	0.104	0.416	ug/kg dry
Bromoform	75-25-2	0.208 U, D	0.208	1.04	ug/kg dry
Bromomethane	74-83-9	0.728 U, D	0.728	1.04	ug/kg dry
Carbon Tetrachloride	56-23-5	0.208 U, D	0.208	1.04	ug/kg dry
Chlorobenzene	108-90-7	0.104 U, D	0.104	1.04	ug/kg dry
Chloroethane	75-00-3	0.416 U, D	0.416	1.04	ug/kg dry
Chloroform	67-66-3	0.104 U, D	0.104	1.04	ug/kg dry
Chloromethane	74-87-3	0.312 U, D	0.312	1.04	ug/kg dry
cis-1,2-Dichloroethene	156-59-4	0.208 U, D	0.208	1.04	ug/kg dry
cis-1,3-Dichloropropene	10061-01-5	0.208 U, D	0.208	0.208	ug/kg dry
Dibromochloromethane	124-48-1	0.208 U, D	0.208	0.208	ug/kg dry
Dichlorodifluoromethane	75-71-8	0.312 U, D	0.312	1.04	ug/kg dry
Ethylbenzene	100-41-4	0.208 U, D	0.208	1.04	ug/kg dry
m,p-Xylenes	108-38-3/106-42-3	0.312 U, D	0.312	2.08	ug/kg dry
Methylene Chloride	75-09-2	**7.53** O-01, D, B	0.520	2.08	ug/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.104 U, D	0.104	1.04	ug/kg dry
o-Xylene	95-47-6	0.104 U, D	0.104	1.04	ug/kg dry
Tetrachloroethene	127-18-4	0.833 U, D	0.833	1.04	ug/kg dry
Toluene	108-88-3	**0.437** I, D	0.208	1.04	ug/kg dry
trans-1,2-Dichloroethene	156-60-5	0.312 U, D	0.312	1.04	ug/kg dry
trans-1,3-Dichloropropene	10061-02-6	0.208 U, D	0.208	0.208	ug/kg dry
Trichloroethene	79-01-6	0.104 U, D	0.104	1.04	ug/kg dry
Trichlorofluoromethane	75-69-4	0.416 U, D	0.416	1.04	ug/kg dry
Vinyl chloride	75-01-4	0.312 U, D	0.312	1.04	ug/kg dry

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB35-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-12	Work Order #:	B600157
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/23/06 By: ds/	Unit:	ug/kg
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	84.00
QC Batch:	6A19013		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	49.4	50.0	99 %	60-130
4-Bromofluorobenzene	460-00-4	49.4	50.0	99 %	60-130
Dibromofluoromethane	1868-53-7	38.2	50.0	76 %	66-131
Dibromofluoromethane	1868-53-7	38.2	50.0	76 %	66-131
Toluene-d8	2037-26-5	47.2	50.0	94 %	67-139
Toluene-d8	2037-26-5	47.2	50.0	94 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB35-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-12	Work Order #:	B600157
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	01/22/06 By: rw	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	1
Anal. Batch:		Percent Solids:	84.00
QC Batch:	6A18015		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
C8-C40	NA	**11.0**	6.68	7.86	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	4.41	3.97	111 %	29-145
o-Terphenyl	84-15-1	1.82	1.98	92 %	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB35-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600157-12	Work Order #:	B600157
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	01/20/06 By: jj	Unit:	ug/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:		Percent Solids:	84.00
QC Batch:	6A19002		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	12.6 U	12.6	39.3	ug/kg dry
2-Methylnaphthalene	91-57-6	11.8 U	11.8	39.3	ug/kg dry
Acenaphthene	83-32-9	8.64 U	8.64	39.3	ug/kg dry
Acenaphthylene	208-96-8	12.6 U	12.6	39.3	ug/kg dry
Anthracene	120-12-7	8.21 U	8.21	39.3	ug/kg dry
Benzo(a)anthracene	56-55-3	8.21 U	8.21	39.3	ug/kg dry
Benzo(a)pyrene	50-32-8	8.21 U	8.21	39.3	ug/kg dry
Benzo(b)fluoranthene	205-99-2	6.34 U	6.34	39.3	ug/kg dry
Benzo(g,h,i)perylene	191-24-2	12.1 U	12.1	39.3	ug/kg dry
Benzo(k)fluoranthene	207-08-9	8.21 U	8.21	39.3	ug/kg dry
Chrysene	218-01-9	8.69 U	8.69	39.3	ug/kg dry
Dibenzo(a,h)anthracene	53-70-3	13.3 U	13.3	39.3	ug/kg dry
Fluoranthene	206-44-0	10.6 U	10.6	39.3	ug/kg dry
Fluorene	86-73-7	7.50 U	7.50	39.3	ug/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	13.8 U	13.8	39.3	ug/kg dry
Naphthalene	91-20-3	14.5 U	14.5	39.3	ug/kg dry
Phenanthrene	85-01-8	8.21 U	8.21	39.3	ug/kg dry
Pyrene	129-00-0	10.6 U	10.6	39.3	ug/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	1580	1980	80 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID: JAX-PCA25-SB35-503
Lab #: B600157-12

Project: PCA 25 and Hawkins UST
Work Order #: B600157
Matrix: Soil

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
% Solids	NA	84.0	0.1	0.1	% by Weight	% Calculation	% Solids	6A26008

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6A19013 - EPA 5035_MS										
Blank (6A19013-BLK1)				Prepared & Analyzed: 17-Jan-06						
Dichlorodifluoromethane	0.300 U	1.00	ug/kg wet							
Chloromethane	0.300 U	1.00	ug/kg wet							
Vinyl chloride	0.300 U	1.00	ug/kg wet							
Bromomethane	0.700 U	1.00	ug/kg wet							
Chloroethane	0.400 U	1.00	ug/kg wet							
Trichlorofluoromethane	0.400 U	1.00	ug/kg wet							
1,1-Dichloroethene	0.200 U	1.00	ug/kg wet							
Methylene Chloride	11.4 O-01	2.00	ug/kg wet							O-01
Methyl-tert-Butyl Ether	0.100 U	1.00	ug/kg wet							
trans-1,2-Dichloroethene	0.300 U	1.00	ug/kg wet							
1,1-Dichloroethane	0.200 U	1.00	ug/kg wet							
cis-1,2-Dichloroethene	0.200 U	1.00	ug/kg wet							
Chloroform	0.100 U	1.00	ug/kg wet							
1,1,1-Trichloroethane	0.100 U	1.00	ug/kg wet							
Carbon Tetrachloride	0.200 U	1.00	ug/kg wet							
1,2-Dichloroethane	0.100 U	1.00	ug/kg wet							
Benzene	0.100 U	1.00	ug/kg wet							
Trichloroethene	0.100 U	1.00	ug/kg wet							
1,2-Dichloropropane	0.100 U	1.00	ug/kg wet							
Bromodichloromethane	0.100 U	0.400	ug/kg wet							
cis-1,3-Dichloropropene	0.200 U	0.200	ug/kg wet							
Toluene	0.200 U	1.00	ug/kg wet							
trans-1,3-Dichloropropene	0.200 U	0.200	ug/kg wet							
1,1,2-Trichloroethane	0.200 U	1.00	ug/kg wet							
Tetrachloroethene	0.800 U	1.00	ug/kg wet							
Dibromochloromethane	0.200 U	0.200	ug/kg wet							
Chlorobenzene	0.100 U	1.00	ug/kg wet							
Ethylbenzene	0.200 U	1.00	ug/kg wet							
m,p-Xylenes	0.300 U	2.00	ug/kg wet							
o-Xylene	0.100 U	1.00	ug/kg wet							
Bromoform	0.200 U	1.00	ug/kg wet							
1,1,2,2-Tetrachloroethane	0.200 U	0.200	ug/kg wet							
1,3-Dichlorobenzene	0.200 U	1.00	ug/kg wet							
1,4-Dichlorobenzene	0.100 U	1.00	ug/kg wet							
1,2-Dichlorobenzene	0.200 U	1.00	ug/kg wet							
Surrogate: Dibromofluoromethane	*49.5*		*ug/kg*	*50.0*		*99*	*66-131*			
Surrogate: Dibromofluoromethane	*49.5*		*ug/kg*	*50.0*		*99*	*66-131*			
Surrogate: Toluene-d8	*50.5*		*ug/kg*	*50.0*		*101*	*67-139*			
Surrogate: Toluene-d8	*50.5*		*ug/kg*	*50.0*		*101*	*67-139*			
Surrogate: 4-Bromofluorobenzene	*48.9*		*ug/kg*	*50.0*		*98*	*60-130*			

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6A19013 - EPA 5035_MS										
Blank (6A19013-BLK1) Continued				Prepared & Analyzed: 17-Jan-06						
Surrogate: 4-Bromofluorobenzene	*48.9*		*ug/kg*	*50.0*		*98*	*60-130*			
Blank (6A19013-BLK2)				Prepared: 17-Jan-06 Analyzed: 18-Jan-06						
Dichlorodifluoromethane	0.300 U	1.00	ug/kg wet							
Chloromethane	0.300 U	1.00	ug/kg wet							
Vinyl chloride	0.300 U	1.00	ug/kg wet							
Bromomethane	0.700 U	1.00	ug/kg wet							
Chloroethane	0.400 U	1.00	ug/kg wet							
Trichlorofluoromethane	0.400 U	1.00	ug/kg wet							
1,1-Dichloroethene	0.200 U	1.00	ug/kg wet							
Methylene Chloride	32.9 O-01	2.00	ug/kg wet							O-01
Methyl-tert-Butyl Ether	0.100 U	1.00	ug/kg wet							
trans-1,2-Dichloroethene	0.300 U	1.00	ug/kg wet							
1,1-Dichloroethane	0.200 U	1.00	ug/kg wet							
cis-1,2-Dichloroethene	0.200 U	1.00	ug/kg wet							
Chloroform	0.100 U	1.00	ug/kg wet							
1,1,1-Trichloroethane	0.100 U	1.00	ug/kg wet							
Carbon Tetrachloride	0.200 U	1.00	ug/kg wet							
1,2-Dichloroethane	0.100 U	1.00	ug/kg wet							
Benzene	0.100 U	1.00	ug/kg wet							
Trichloroethene	0.100 U	1.00	ug/kg wet							
1,2-Dichloropropane	0.100 U	1.00	ug/kg wet							
Bromodichloromethane	0.100 U	0.400	ug/kg wet							
cis-1,3-Dichloropropene	0.200 U	0.200	ug/kg wet							
Toluene	0.200 U	1.00	ug/kg wet							
trans-1,3-Dichloropropene	0.200 U	0.200	ug/kg wet							
1,1,2-Trichloroethane	0.200 U	1.00	ug/kg wet							
Tetrachloroethene	0.800 U	1.00	ug/kg wet							
Dibromochloromethane	0.200 U	0.200	ug/kg wet							
Chlorobenzene	0.100 U	1.00	ug/kg wet							
Ethylbenzene	0.200 U	1.00	ug/kg wet							
m,p-Xylenes	0.300 U	2.00	ug/kg wet							
o-Xylene	0.100 U	1.00	ug/kg wet							
Bromoform	0.200 U	1.00	ug/kg wet							
1,1,2,2-Tetrachloroethane	0.200 U	0.200	ug/kg wet							
1,3-Dichlorobenzene	0.200 U	1.00	ug/kg wet							
1,4-Dichlorobenzene	0.100 U	1.00	ug/kg wet							
1,2-Dichlorobenzene	0.200 U	1.00	ug/kg wet							
Surrogate: Dibromofluoromethane	*46.2*		*ug/kg*	*50.0*		*92*	*66-131*			
Surrogate: Dibromofluoromethane	*46.2*		*ug/kg*	*50.0*		*92*	*66-131*			
Surrogate: Toluene-d8	*49.8*		*ug/kg*	*50.0*		*100*	*67-139*			

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6A19013 - EPA 5035_MS										
Blank (6A19013-BLK2) Continued				Prepared: 17-Jan-06 Analyzed: 18-Jan-06						
Surrogate: Toluene-d8	*49.8*		*ug/kg*	*50.0*		*100*	*67-139*			
Surrogate: 4-Bromofluorobenzene	*46.5*		*ug/kg*	*50.0*		*93*	*60-130*			
Surrogate: 4-Bromofluorobenzene	*46.5*		*ug/kg*	*50.0*		*93*	*60-130*			
Blank (6A19013-BLK3)				Prepared: 17-Jan-06 Analyzed: 23-Jan-06						
Dichlorodifluoromethane	0.300 U	1.00	ug/kg wet							
Chloromethane	0.300 U	1.00	ug/kg wet							
Vinyl chloride	0.300 U	1.00	ug/kg wet							
Bromomethane	0.700 U	1.00	ug/kg wet							
Chloroethane	0.400 U	1.00	ug/kg wet							
Trichlorofluoromethane	0.400 U	1.00	ug/kg wet							
1,1-Dichloroethene	0.200 U	1.00	ug/kg wet							
Methylene Chloride	9.17 O-01	2.00	ug/kg wet							O-01
Methyl-tert-Butyl Ether	0.100 U	1.00	ug/kg wet							
trans-1,2-Dichloroethene	0.300 U	1.00	ug/kg wet							
1,1-Dichloroethane	0.200 U	1.00	ug/kg wet							
cis-1,2-Dichloroethene	0.200 U	1.00	ug/kg wet							
Chloroform	0.100 U	1.00	ug/kg wet							
1,1,1-Trichloroethane	0.100 U	1.00	ug/kg wet							
Carbon Tetrachloride	0.200 U	1.00	ug/kg wet							
1,2-Dichloroethane	0.100 U	1.00	ug/kg wet							
Benzene	0.100 U	1.00	ug/kg wet							
Trichloroethene	0.100 U	1.00	ug/kg wet							
1,2-Dichloropropane	0.100 U	1.00	ug/kg wet							
Bromodichloromethane	0.100 U	0.400	ug/kg wet							
cis-1,3-Dichloropropene	0.200 U	0.200	ug/kg wet							
Toluene	0.200 U	1.00	ug/kg wet							
trans-1,3-Dichloropropene	0.200 U	0.200	ug/kg wet							
1,1,2-Trichloroethane	0.200 U	1.00	ug/kg wet							
Tetrachloroethene	0.800 U	1.00	ug/kg wet							
Dibromochloromethane	0.200 U	0.200	ug/kg wet							
Chlorobenzene	0.100 U	1.00	ug/kg wet							
Ethylbenzene	0.200 U	1.00	ug/kg wet							
m,p-Xylenes	0.300 U	2.00	ug/kg wet							
o-Xylene	0.100 U	1.00	ug/kg wet							
Bromoform	0.200 U	1.00	ug/kg wet							
1,1,2,2-Tetrachloroethane	0.200 U	0.200	ug/kg wet							
1,3-Dichlorobenzene	0.200 U	1.00	ug/kg wet							
1,4-Dichlorobenzene	0.100 U	1.00	ug/kg wet							
1,2-Dichlorobenzene	0.200 U	1.00	ug/kg wet							
Surrogate: Dibromofluoromethane	*41.0*		*ug/kg*	*50.0*		*82*	*66-131*			

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6A19013 - EPA 5035_MS										
Blank (6A19013-BLK3) Continued				Prepared: 17-Jan-06 Analyzed: 23-Jan-06						
Surrogate: Dibromofluoromethane	*41.0*		*ug/kg*	*50.0*		*82*	*66-131*			
Surrogate: Toluene-d8	*48.4*		*ug/kg*	*50.0*		*97*	*67-139*			
Surrogate: Toluene-d8	*48.4*		*ug/kg*	*50.0*		*97*	*67-139*			
Surrogate: 4-Bromofluorobenzene	*50.7*		*ug/kg*	*50.0*		*101*	*60-130*			
Surrogate: 4-Bromofluorobenzene	*50.7*		*ug/kg*	*50.0*		*101*	*60-130*			
Blank (6A19013-BLK4)				Prepared: 25-Jan-06 Analyzed: 26-Jan-06						
Dichlorodifluoromethane	0.300 U	1.00	ug/kg wet							
Chloromethane	0.300 U	1.00	ug/kg wet							
Vinyl chloride	0.300 U	1.00	ug/kg wet							
Bromomethane	0.700 U	1.00	ug/kg wet							
Chloroethane	0.400 U	1.00	ug/kg wet							
Trichlorofluoromethane	0.400 U	1.00	ug/kg wet							
1,1-Dichloroethene	0.200 U	1.00	ug/kg wet							
Methylene Chloride	14.6 O-01	2.00	ug/kg wet							O-01
Methyl-tert-Butyl Ether	0.100 U	1.00	ug/kg wet							
trans-1,2-Dichloroethene	0.300 U	1.00	ug/kg wet							
1,1-Dichloroethane	0.200 U	1.00	ug/kg wet							
cis-1,2-Dichloroethene	0.200 U	1.00	ug/kg wet							
Chloroform	0.100 U	1.00	ug/kg wet							
1,1,1-Trichloroethane	0.100 U	1.00	ug/kg wet							
Carbon Tetrachloride	0.200 U	1.00	ug/kg wet							
1,2-Dichloroethane	0.100 U	1.00	ug/kg wet							
Benzene	0.100 U	1.00	ug/kg wet							
Trichloroethene	0.100 U	1.00	ug/kg wet							
1,2-Dichloropropane	0.100 U	1.00	ug/kg wet							
Bromodichloromethane	0.100 U	0.400	ug/kg wet							
cis-1,3-Dichloropropene	0.200 U	0.200	ug/kg wet							
Toluene	0.200 U	1.00	ug/kg wet							
trans-1,3-Dichloropropene	0.200 U	0.200	ug/kg wet							
1,1,2-Trichloroethane	0.200 U	1.00	ug/kg wet							
Tetrachloroethene	0.800 U	1.00	ug/kg wet							
Dibromochloromethane	0.200 U	0.200	ug/kg wet							
Chlorobenzene	0.100 U	1.00	ug/kg wet							
Ethylbenzene	0.200 U	1.00	ug/kg wet							
m,p-Xylenes	0.300 U	2.00	ug/kg wet							
o-Xylene	0.100 U	1.00	ug/kg wet							
Bromoform	0.200 U	1.00	ug/kg wet							
1,1,2,2-Tetrachloroethane	0.200 U	0.200	ug/kg wet							
1,3-Dichlorobenzene	0.200 U	1.00	ug/kg wet							
1,4-Dichlorobenzene	0.100 U	1.00	ug/kg wet							
1,2-Dichlorobenzene	0.200 U	1.00	ug/kg wet							

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6A19013 - EPA 5035_MS										
Blank (6A19013-BLK4) Continued				Prepared: 25-Jan-06 Analyzed: 26-Jan-06						
Surrogate: Dibromofluoromethane	*38.0*		*ug/kg*	*50.0*		*76*	*66-131*			
Surrogate: Dibromofluoromethane	*38.8*		*ug/kg*	*50.0*		*78*	*66-131*			
Surrogate: Toluene-d8	*49.5*		*ug/kg*	*50.0*		*99*	*67-139*			
Surrogate: Toluene-d8	*47.9*		*ug/kg*	*50.0*		*96*	*67-139*			
Surrogate: 4-Bromofluorobenzene	*46.7*		*ug/kg*	*50.0*		*93*	*60-130*			
Surrogate: 4-Bromofluorobenzene	*46.2*		*ug/kg*	*50.0*		*92*	*60-130*			
Blank (6A19013-BLK5)				Prepared & Analyzed: 26-Jan-06						
Dichlorodifluoromethane	0.300 U	1.00	ug/kg wet							
Chloromethane	0.300 U	1.00	ug/kg wet							
Vinyl chloride	0.300 U	1.00	ug/kg wet							
Bromomethane	0.700 U	1.00	ug/kg wet							
Chloroethane	0.400 U	1.00	ug/kg wet							
Trichlorofluoromethane	0.400 U	1.00	ug/kg wet							
1,1-Dichloroethene	0.200 U	1.00	ug/kg wet							
Methylene Chloride	14.6 O-01	2.00	ug/kg wet							O-01
Methyl-tert-Butyl Ether	0.100 U	1.00	ug/kg wet							
trans-1,2-Dichloroethene	0.300 U	1.00	ug/kg wet							
1,1-Dichloroethane	0.200 U	1.00	ug/kg wet							
cis-1,2-Dichloroethene	0.200 U	1.00	ug/kg wet							
Chloroform	0.100 U	1.00	ug/kg wet							
1,1,1-Trichloroethane	0.100 U	1.00	ug/kg wet							
Carbon Tetrachloride	0.200 U	1.00	ug/kg wet							
1,2-Dichloroethane	0.100 U	1.00	ug/kg wet							
Benzene	0.100 U	1.00	ug/kg wet							
Trichloroethene	0.100 U	1.00	ug/kg wet							
1,2-Dichloropropane	0.100 U	1.00	ug/kg wet							
Bromodichloromethane	0.100 U	0.400	ug/kg wet							
cis-1,3-Dichloropropene	0.200 U	0.200	ug/kg wet							
Toluene	0.200 U	1.00	ug/kg wet							
trans-1,3-Dichloropropene	0.200 U	0.200	ug/kg wet							
1,1,2-Trichloroethane	0.200 U	1.00	ug/kg wet							
Tetrachloroethene	0.800 U	1.00	ug/kg wet							
Dibromochloromethane	0.200 U	0.200	ug/kg wet							
Chlorobenzene	0.100 U	1.00	ug/kg wet							
Ethylbenzene	0.200 U	1.00	ug/kg wet							
m,p-Xylenes	0.300 U	2.00	ug/kg wet							
o-Xylene	0.100 U	1.00	ug/kg wet							
Bromoform	0.200 U	1.00	ug/kg wet							
1,1,2,2-Tetrachloroethane	0.200 U	0.200	ug/kg wet							
1,3-Dichlorobenzene	0.200 U	1.00	ug/kg wet							

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6A19013 - EPA 5035_MS										
Blank (6A19013-BLK5) Continued				Prepared & Analyzed: 26-Jan-06						
1,4-Dichlorobenzene	0.100 U	1.00	ug/kg wet							
1,2-Dichlorobenzene	0.200 U	1.00	ug/kg wet							
Surrogate: Dibromofluoromethane	*38.0*		*ug/kg*	*50.0*		*76*	*66-131*			
Surrogate: Dibromofluoromethane	*38.0*		*ug/kg*	*50.0*		*76*	*66-131*			
Surrogate: Toluene-d8	*49.5*		*ug/kg*	*50.0*		*99*	*67-139*			
Surrogate: Toluene-d8	*49.5*		*ug/kg*	*50.0*		*99*	*67-139*			
Surrogate: 4-Bromofluorobenzene	*46.2*		*ug/kg*	*50.0*		*92*	*60-130*			
Surrogate: 4-Bromofluorobenzene	*46.2*		*ug/kg*	*50.0*		*92*	*60-130*			
Blank (6A19013-BLK6)				Prepared: 26-Jan-06 Analyzed: 27-Jan-06						
Dichlorodifluoromethane	0.300 U	1.00	ug/kg wet							
Chloromethane	0.300 U	1.00	ug/kg wet							
Vinyl chloride	0.300 U	1.00	ug/kg wet							
Bromomethane	0.700 U	1.00	ug/kg wet							
Chloroethane	0.400 U	1.00	ug/kg wet							
Trichlorofluoromethane	0.400 U	1.00	ug/kg wet							
1,1-Dichloroethene	0.200 U	1.00	ug/kg wet							
Methylene Chloride	16.3 O-01	2.00	ug/kg wet							O-01
Methyl-tert-Butyl Ether	0.100 U	1.00	ug/kg wet							
trans-1,2-Dichloroethene	0.300 U	1.00	ug/kg wet							
1,1-Dichloroethane	0.200 U	1.00	ug/kg wet							
cis-1,2-Dichloroethene	0.200 U	1.00	ug/kg wet							
Chloroform	0.100 U	1.00	ug/kg wet							
1,1,1-Trichloroethane	0.100 U	1.00	ug/kg wet							
Carbon Tetrachloride	0.200 U	1.00	ug/kg wet							
1,2-Dichloroethane	0.100 U	1.00	ug/kg wet							
Benzene	0.100 U	1.00	ug/kg wet							
Trichloroethene	0.100 U	1.00	ug/kg wet							
1,2-Dichloropropane	0.100 U	1.00	ug/kg wet							
Bromodichloromethane	0.100 U	0.400	ug/kg wet							
cis-1,3-Dichloropropene	0.200 U	0.200	ug/kg wet							
Toluene	0.200 U	1.00	ug/kg wet							
trans-1,3-Dichloropropene	0.200 U	0.200	ug/kg wet							
1,1,2-Trichloroethane	0.200 U	1.00	ug/kg wet							
Tetrachloroethene	0.800 U	1.00	ug/kg wet							
Dibromochloromethane	0.200 U	0.200	ug/kg wet							
Chlorobenzene	0.100 U	1.00	ug/kg wet							
Ethylbenzene	0.200 U	1.00	ug/kg wet							
m,p-Xylenes	0.300 U	2.00	ug/kg wet							
o-Xylene	0.100 U	1.00	ug/kg wet							
Bromoform	0.200 U	1.00	ug/kg wet							

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6A19013 - EPA 5035_MS										
Blank (6A19013-BLK6) Continued				Prepared: 26-Jan-06 Analyzed: 27-Jan-06						
1,1,2,2-Tetrachloroethane	0.200 U	0.200	ug/kg wet							
1,3-Dichlorobenzene	0.200 U	1.00	ug/kg wet							
1,4-Dichlorobenzene	0.100 U	1.00	ug/kg wet							
1,2-Dichlorobenzene	0.200 U	1.00	ug/kg wet							
Surrogate: Dibromofluoromethane	*38.9*		*ug/kg*	*50.0*		*78*	*66-131*			
Surrogate: Dibromofluoromethane	*38.9*		*ug/kg*	*50.0*		*78*	*66-131*			
Surrogate: Toluene-d8	*48.0*		*ug/kg*	*50.0*		*96*	*67-139*			
Surrogate: Toluene-d8	*48.0*		*ug/kg*	*50.0*		*96*	*67-139*			
Surrogate: 4-Bromofluorobenzene	*48.2*		*ug/kg*	*50.0*		*96*	*60-130*			
Surrogate: 4-Bromofluorobenzene	*48.2*		*ug/kg*	*50.0*		*96*	*60-130*			
Blank (6A19013-BLK7)				Prepared & Analyzed: 01-Feb-06						
Methyl-tert-Butyl Ether	0.100 U	1.00	ug/kg wet							
Benzene	0.100 U	1.00	ug/kg wet							
Toluene	0.200 U	1.00	ug/kg wet							
Ethylbenzene	0.200 U	1.00	ug/kg wet							
m,p-Xylenes	0.300 U	2.00	ug/kg wet							
o-Xylene	0.100 U	1.00	ug/kg wet							
Surrogate: Dibromofluoromethane	*45.9*		*ug/kg*	*50.0*		*92*	*66-131*			
Surrogate: Toluene-d8	*49.4*		*ug/kg*	*50.0*		*99*	*67-139*			
Surrogate: 4-Bromofluorobenzene	*52.6*		*ug/kg*	*50.0*		*105*	*60-130*			
LCS (6A19013-BS1)				Prepared: 17-Jan-06 Analyzed: 18-Jan-06						
1,1-Dichloroethene	15.6	1.00	ug/kg	20.0		78	0-200			
Benzene	19.8	1.00	ug/kg	20.0		99	27-150			
Trichloroethene	19.3	1.00	ug/kg	20.0		96	69-137			
Toluene	18.3	1.00	ug/kg	20.0		92	72-124			
Chlorobenzene	20.0	1.00	ug/kg	20.0		100	75-125			
Surrogate: Dibromofluoromethane	*47.4*		*ug/kg*	*50.0*		*95*	*66-131*			
Surrogate: Dibromofluoromethane	*47.4*		*ug/kg*	*50.0*		*95*	*66-131*			
Surrogate: Toluene-d8	*49.3*		*ug/kg*	*50.0*		*99*	*67-139*			
Surrogate: Toluene-d8	*49.3*		*ug/kg*	*50.0*		*99*	*67-139*			
Surrogate: 4-Bromofluorobenzene	*49.5*		*ug/kg*	*50.0*		*99*	*60-130*			
Surrogate: 4-Bromofluorobenzene	*49.5*		*ug/kg*	*50.0*		*99*	*60-130*			
Matrix Spike (6A19013-MS1)		**Source: B600232-04**		Prepared: 17-Jan-06 Analyzed: 18-Jan-06						
1,1-Dichloroethene	15.4	1.00	ug/kg	20.0	0.200 U	77	0-200			
Benzene	15.9	1.00	ug/kg	20.0	0.100 U	80	49-130			
Trichloroethene	13.4	1.00	ug/kg	20.0	0.100 U	67	38-134			
Toluene	13.5	1.00	ug/kg	20.0	0.200 U	68	55-124			
Chlorobenzene	10.9	1.00	ug/kg	20.0	0.100 U	54	53-130			
Surrogate: Dibromofluoromethane	*52.6*		*ug/kg*	*50.0*		*105*	*66-131*			
Surrogate: Dibromofluoromethane	*52.6*		*ug/kg*	*50.0*		*105*	*66-131*			

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6A19013 - EPA 5035_MS										
Matrix Spike (6A19013-MS1) Continued		**Source: B600232-04**		Prepared: 17-Jan-06 Analyzed: 18-Jan-06						
Surrogate: Toluene-d8	*49.7*		*ug/kg*	*50.0*		*99*	*67-139*			
Surrogate: Toluene-d8	*49.7*		*ug/kg*	*50.0*		*99*	*67-139*			
Surrogate: 4-Bromofluorobenzene	*46.6*		*ug/kg*	*50.0*		*93*	*60-130*			
Surrogate: 4-Bromofluorobenzene	*46.6*		*ug/kg*	*50.0*		*93*	*60-130*			
Matrix Spike Dup (6A19013-MSD1)		**Source: B600232-04**		Prepared: 17-Jan-06 Analyzed: 18-Jan-06						
1,1-Dichloroethene	15.7	1.00	ug/kg	20.0	0.200 U	78	0-200	2	200	
Benzene	16.3	1.00	ug/kg	20.0	0.100 U	82	49-130	2	23	
Trichloroethene	13.5	1.00	ug/kg	20.0	0.100 U	68	38-134	0.7	17	
Toluene	13.3	1.00	ug/kg	20.0	0.200 U	66	55-124	1	22	
Chlorobenzene	10.7	1.00	ug/kg	20.0	0.100 U	54	53-130	2	24	
Surrogate: Dibromofluoromethane	*50.5*		*ug/kg*	*50.0*		*101*	*66-131*			
Surrogate: Dibromofluoromethane	*50.5*		*ug/kg*	*50.0*		*101*	*66-131*			
Surrogate: Toluene-d8	*50.3*		*ug/kg*	*50.0*		*101*	*67-139*			
Surrogate: Toluene-d8	*50.3*		*ug/kg*	*50.0*		*101*	*67-139*			
Surrogate: 4-Bromofluorobenzene	*45.8*		*ug/kg*	*50.0*		*92*	*60-130*			
Surrogate: 4-Bromofluorobenzene	*45.8*		*ug/kg*	*50.0*		*92*	*60-130*			
FL Petroleum Range Organics - Quality Control										
Batch 6A18015 - EPA 3545										
Blank (6A18015-BLK1)				Prepared: 18-Jan-06 Analyzed: 22-Jan-06						
C8-C40	5.61 U	6.60	mg/kg wet							
Surrogate: n-Nonatriacontane	*3.80*		*mg/kg wet*	*3.33*		*114*	*29-145*			
Surrogate: o-Terphenyl	*1.92*		*mg/kg wet*	*1.67*		*115*	*36-140*			
LCS (6A18015-BS1)				Prepared: 18-Jan-06 Analyzed: 22-Jan-06						
C8-C40	65.8	6.60	mg/kg wet	56.7		116	48-118			
Surrogate: n-Nonatriacontane	*3.76*		*mg/kg wet*	*3.33*		*113*	*19-133*			
Surrogate: o-Terphenyl	*1.69*		*mg/kg wet*	*1.67*		*101*	*53-128*			
Matrix Spike (6A18015-MS1)		**Source: B600157-11**		Prepared: 18-Jan-06 Analyzed: 22-Jan-06						
C8-C40	82.9	8.46	mg/kg dry	72.6	7.19 U	114	40-136			
Surrogate: n-Nonatriacontane	*4.14*		*mg/kg dry*	*4.27*		*97*	*36-152*			
Surrogate: o-Terphenyl	*2.00*		*mg/kg dry*	*2.14*		*93*	*51-148*			
Matrix Spike Dup (6A18015-MSD1)		**Source: B600157-11**		Prepared: 18-Jan-06 Analyzed: 22-Jan-06						
C8-C40	83.2	8.46	mg/kg dry	72.6	7.19 U	115	40-136	0.4	25	
Surrogate: n-Nonatriacontane	*3.71*		*mg/kg dry*	*4.27*		*87*	*36-152*			
Surrogate: o-Terphenyl	*1.96*		*mg/kg dry*	*2.14*		*92*	*51-148*			
Semivolatile Organic Compounds by GCMS SIM - Quality Control										
Batch 6A17010 - EPA 3545_MS										
Blank (6A17010-BLK1)				Prepared: 17-Jan-06 Analyzed: 20-Jan-06						
Benzo(a)anthracene	6.90 U	33.0	ug/kg wet							
Benzo(b)fluoranthene	5.33 U	33.0	ug/kg wet							

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Semivolatile Organic Compounds by GCMS SIM - Quality Control										
Batch 6A17010 - EPA 3545_MS										
Blank (6A17010-BLK1) Continued				Prepared: 17-Jan-06 Analyzed: 20-Jan-06						
Benzo(k)fluoranthene	6.90 U	33.0	ug/kg wet							
Benzo(g,h,i)perylene	10.2 U	33.0	ug/kg wet							
Benzo(a)pyrene	6.90 U	33.0	ug/kg wet							
Dibenzo(a,h)anthracene	11.2 U	33.0	ug/kg wet							
Indeno(1,2,3-cd)pyrene	11.6 U	33.0	ug/kg wet							
Naphthalene	12.2 U	33.0	ug/kg wet							
2-Methylnaphthalene	9.90 U	33.0	ug/kg wet							
1-Methylnaphthalene	10.6 U	33.0	ug/kg wet							
Acenaphthylene	10.6 U	33.0	ug/kg wet							
Acenaphthene	7.26 U	33.0	ug/kg wet							
Fluorene	6.30 U	33.0	ug/kg wet							
Phenanthrene	6.90 U	33.0	ug/kg wet							
Anthracene	6.90 U	33.0	ug/kg wet							
Fluoranthene	8.90 U	33.0	ug/kg wet							
Pyrene	8.90 U	33.0	ug/kg wet							
Chrysene	7.30 U	33.0	ug/kg wet							
Surrogate: p-Terphenyl	*1250*		*ug/kg wet*	*1670*		*75*	*10-167*			
LCS (6A17010-BS1)				Prepared: 17-Jan-06 Analyzed: 20-Jan-06						
Benzo(g,h,i)perylene	523	33.0	ug/kg wet	667		78	10-168			
Benzo(a)pyrene	523	33.0	ug/kg wet	667		78	41-125			
Naphthalene	653	33.0	ug/kg wet	667		98	50-104			
Acenaphthene	613	33.0	ug/kg wet	667		92	52-109			
Surrogate: p-Terphenyl	*1590*		*ug/kg wet*	*1670*		*95*	*10-167*			
Matrix Spike (6A17010-MS1)		**Source: B600064-68**		Prepared: 17-Jan-06 Analyzed: 20-Jan-06						
Benzo(g,h,i)perylene	549	40.0	ug/kg dry	807	12.3 U	68	10-168			
Benzo(a)pyrene	577	40.0	ug/kg dry	807	8.35 U	71	43-136			
Naphthalene	985	40.0	ug/kg dry	807	282	87	48-112			
Acenaphthene	682	40.0	ug/kg dry	807	8.79 U	85	48-119			
Surrogate: p-Terphenyl	*1660*		*ug/kg dry*	*2020*		*82*	*10-167*			
Matrix Spike Dup (6A17010-MSD1)		**Source: B600064-68**		Prepared: 17-Jan-06 Analyzed: 20-Jan-06						
Benzo(g,h,i)perylene	557	40.0	ug/kg dry	807	12.3 U	69	10-168	1	48	
Benzo(a)pyrene	541	40.0	ug/kg dry	807	8.35 U	67	43-136	6	34	
Naphthalene	1010	40.0	ug/kg dry	807	282	90	48-112	3	22	
Acenaphthene	626	40.0	ug/kg dry	807	8.79 U	78	48-119	9	31	
Surrogate: p-Terphenyl	*1560*		*ug/kg dry*	*2020*		*77*	*10-167*			
Batch 6A19002 - EPA 3545_MS										
Blank (6A19002-BLK1)				Prepared & Analyzed: 19-Jan-06						
Benzo(a)anthracene	6.90 U	33.0	ug/kg wet							
Benzo(b)fluoranthene	5.33 U	33.0	ug/kg wet							

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Semivolatile Organic Compounds by GCMS SIM - Quality Control										
Batch 6A19002 - EPA 3545_MS										
Blank (6A19002-BLK1) Continued				Prepared & Analyzed: 19-Jan-06						
Benzo(k)fluoranthene	6.90 U	33.0	ug/kg wet							
Benzo(g,h,i)perylene	10.2 U	33.0	ug/kg wet							
Benzo(a)pyrene	6.90 U	33.0	ug/kg wet							
Dibenzo(a,h)anthracene	11.2 U	33.0	ug/kg wet							
Indeno(1,2,3-cd)pyrene	11.6 U	33.0	ug/kg wet							
Naphthalene	12.2 U	33.0	ug/kg wet							
2-Methylnaphthalene	9.90 U	33.0	ug/kg wet							
1-Methylnaphthalene	10.6 U	33.0	ug/kg wet							
Acenaphthylene	10.6 U	33.0	ug/kg wet							
Acenaphthene	7.26 U	33.0	ug/kg wet							
Fluorene	6.30 U	33.0	ug/kg wet							
Phenanthrene	6.90 U	33.0	ug/kg wet							
Anthracene	6.90 U	33.0	ug/kg wet							
Fluoranthene	8.90 U	33.0	ug/kg wet							
Pyrene	8.90 U	33.0	ug/kg wet							
Chrysene	7.30 U	33.0	ug/kg wet							
Surrogate: p-Terphenyl	*1800*		*ug/kg wet*	*1670*		*108*	*10-167*			
LCS (6A19002-BS1)				Prepared & Analyzed: 19-Jan-06						
Benzo(g,h,i)perylene	353	33.0	ug/kg wet	667		53	10-168			
Benzo(a)pyrene	583	33.0	ug/kg wet	667		87	41-125			
Naphthalene	680	33.0	ug/kg wet	667		102	50-104			
Acenaphthene	640	33.0	ug/kg wet	667		96	52-109			
Surrogate: p-Terphenyl	*1800*		*ug/kg wet*	*1670*		*108*	*10-167*			
Matrix Spike (6A19002-MS1)		**Source: B600036-02**		Prepared & Analyzed: 19-Jan-06						
Benzo(g,h,i)perylene	355	35.9	ug/kg dry	725	11.1 U	49	10-168			
Benzo(a)pyrene	598	35.9	ug/kg dry	725	7.50 U	82	43-136			
Naphthalene	688	35.9	ug/kg dry	725	13.3 U	95	48-112			
Acenaphthene	681	35.9	ug/kg dry	725	7.89 U	94	48-119			
Surrogate: p-Terphenyl	*1810*		*ug/kg dry*	*1810*		*100*	*10-167*			
Matrix Spike Dup (6A19002-MSD1)		**Source: B600036-02**		Prepared & Analyzed: 19-Jan-06						
Benzo(g,h,i)perylene	388	35.9	ug/kg dry	725	11.1 U	54	10-168	9	48	
Benzo(a)pyrene	663	35.9	ug/kg dry	725	7.50 U	91	43-136	10	34	
Naphthalene	710	35.9	ug/kg dry	725	13.3 U	98	48-112	3	22	
Acenaphthene	688	35.9	ug/kg dry	725	7.89 U	95	48-119	1	31	
Surrogate: p-Terphenyl	*1760*		*ug/kg dry*	*1810*		*97*	*10-167*			
Classical Chemistry Parameters - Quality Control										
Batch 6A26008 - % Solids										
Duplicate (6A26008-DUP1)		**Source: B600157-12**		Prepared & Analyzed: 26-Jan-06						

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Classical Chemistry Parameters - Quality Control										
Batch 6A26008 - % Solids										
Duplicate (6A26008-DUP1) Continued		**Source: B600157-12**		Prepared & Analyzed: 26-Jan-06						
% Solids	84.0	0.1	% by Weight		84.0			0	20	

Notes and Definitions

U	Analyte included in the analysis, but not detected
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
O-01	This compound is a common laboratory contaminant.
I	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
D	Data reported from a dilution
B	Analyte is found in the associated blank as well as in the sample (CLP B-flag).
A-01	Estimated value due to analyte being 5% high in CVS

www.encolabs.com

QSARF #_____

ENVIRONMENTAL CONSERVATION LABORATORIES

4810 Executive Park Court, Suite 211
Jacksonville, Florida 32216-6069
Ph. (904) 296-3007 • Fax (904) 296-6210

10775 Central Port Drive
Orlando, Florida 32824
Ph. (407) 826-5314 • Fax (407) 850-6945

1015 Passport Way
Cary, North Carolina 27513
Ph. (919) 677-1669 • Fax (919) 677-9646

ENCO CompQAP No.: 960038G/O

CHAIN OF CUSTODY RECORD

PROJECT REFERENCE: PCA 25
PROJECT NO.: 112G00132
P.O. NUMBER: 1006231
PAGE 1 OF 1

PROJECT LOC. (State): FL
SAMPLER(s) NAME: Alan Pate
PHONE: 904-636-6125
FAX: 904-636-6165

CLIENT NAME: NAVY
CLIENT PROJECT MANAGER: FRANK SICONA

CLIENT ADDRESS (CITY, STATE, ZIP): NAS JAX

☒ STANDARD REPORT DELIVERY
☐ EXPEDITED REPORT DELIVERY (surcharge)
Date Due: _____

MATRIX TYPE: SURFACE WATER, GROUND WATER, WASTEWATER, DRINKING WATER, SOIL/SOLID/SEDIMENT, NONAQUEOUS LIQUID (Oil, solvent, etc.), AIR, SLUDGE, OTHER

REQUIRED ANALYSIS: GAS/VOAS

PRESERVATIVE: 1

NUMBER OF CONTAINERS SUBMITTED

STATION	DATE	TIME	GRAB	COMP	SAMPLE IDENTIFICATION	SOIL/SOLID/SEDIMENT	GAS/VOAS	REMARKS
1	1/16/06	0845	X	SO	JAX-PCA25-SB19-S03	X	X	COOL TO 4°C
2		0935			JAX-PCA25-SB20-S03		X	SEE PO#
3		1000			JAX-PCA25-SB21-S03		X	1006231 FOR
4		1015			JAX-PCA25-SB22-S03		X	ANALYSIS DETAILS
5		1055			JAX-PCA25-SB23-S03		X	
6		1115			JAX-PCA25-SB24-S03		X	
7		1130			JAX-PCA25-SB25-S03		X	NOTE: NO TRIP
8		1155			JAX-PCA25-SB26-S03		X	BLANK PROVIDED
9		1215			JAX-PCA25-SB27-S03		X	
10		1350			JAX-PCA25-SB28-S03		X	
11		1415			JAX-PCA25-SB29-S03		X	
12		1445			JAX-PCA25-SB30-S03		X	
13								
14								

SAMPLE KIT PREPARED BY: ☒ JACKSONVILLE ☐ ORLANDO	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
RELINQUISHED BY: (SIGNATURE) Alan Pate	1/16/06	1735	RECEIVED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
RECEIVED BY (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

RECEIVED FOR LABORATORY BY: (SIGNATURE) ☐ Jacksonville ☐ Orlando	DATE	TIME	CUSTODY INTACT	ENCO LOG NO.	REMARKS
	1/16/06	1735	☑ YES ☐ NO	B600157	

Environmental Conservation Laboratories, Inc.
4810 Executive Park Court, Suite 211
Jacksonville FL, 32216-6069
Phone: 904.296.3007 FAX: 904.296.6210
www.encolabs.com

February 09, 2006

Tetra Tech NUS (BR006)
Attn: Greg Roof
8640 Philips Highway Suite 16
Jacksonville, FL 32256

RE: Project Number: 112G00132, Project Name/Desc: PCA 25 and Hawkins UST
ENCO Workorder: B600253

Dear Greg Roof,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on 1/17/06 1:53:00PM.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

This data has been produced in accordance with NELAC standards (June, 2003). This report shall not be reproduced except in full, without the written approval of the Laboratory.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Chris Tompkins
Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 93.

www.encolabs.com

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: JAX-PCA25-SB38-503 **Lab ID:** B600253-01

Sampled: 01/17/06 08:40 **Received:** 01/17/06 13:53

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
% Calculation	07/16/06	01/26/06 14:50	1/27/2006 12:22
EPA 8260B	01/31/06	01/17/06 16:45	1/23/2006 23:29
EPA 8270C	01/31/06	01/25/06 12:37	2/3/2006 13:43
FLPRO	01/31/06	01/26/06 07:02	1/27/2006 16:31

Client ID: JAX-PCA25-SB40-503 **Lab ID:** B600253-02

Sampled: 01/17/06 08:54 **Received:** 01/17/06 13:53

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
% Calculation	07/16/06	01/26/06 14:50	1/27/2006 12:22
EPA 8260B	01/31/06	01/17/06 16:45	1/23/2006 21:43
EPA 8270C	01/31/06	01/25/06 12:37	2/2/2006 17:16
FLPRO	01/31/06	01/26/06 07:02	1/27/2006 16:53

Client ID: JAX-PCA25-SB39-503 **Lab ID:** B600253-03

Sampled: 01/17/06 09:05 **Received:** 01/17/06 13:53

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
% Calculation	07/16/06	01/26/06 14:50	1/27/2006 12:22
EPA 8260B	01/31/06	01/17/06 16:45	1/23/2006 20:32
EPA 8270C	01/31/06	01/25/06 12:37	2/2/2006 17:34
FLPRO	01/31/06	01/26/06 07:02	1/27/2006 17:15

www.encolabs.com

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: JAX-PCA25-SB36-503 **Lab ID:** B600253-04

Sampled: 01/17/06 09:48 **Received:** 01/17/06 13:53

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
% Calculation	07/16/06	01/26/06 14:50	1/27/2006 12:22
EPA 8260B	01/31/06	01/17/06 16:45	1/23/2006 21:07
EPA 8270C	01/31/06	01/25/06 12:37	2/2/2006 17:51
FLPRO	01/31/06	01/26/06 07:02	1/30/2006 17:18

Client ID: JAX-PCA25-SB41-501 **Lab ID:** B600253-05

Sampled: 01/17/06 10:00 **Received:** 01/17/06 13:53

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
% Calculation	07/16/06	01/26/06 14:50	1/27/2006 12:22
EPA 8260B	01/31/06	01/17/06 16:45	1/23/2006 22:53
EPA 8270C	01/31/06	01/25/06 12:37	2/2/2006 18:09
FLPRO	01/31/06	01/26/06 07:02	1/30/2006 16:57

Client ID: JAX-PCA25-SB42-503 **Lab ID:** B600253-06

Sampled: 01/17/06 10:15 **Received:** 01/17/06 13:53

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
% Calculation	07/16/06	01/26/06 14:50	1/27/2006 12:22
EPA 8260B	01/31/06	01/17/06 16:45	1/26/2006 20:49
EPA 8270C	01/31/06	01/25/06 12:37	2/2/2006 18:26
FLPRO	01/31/06	01/26/06 07:02	1/30/2006 18:02

www.encolabs.com

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: JAX-PCA25-SB43-503 **Lab ID:** B600253-07

Sampled: 01/17/06 10:25 **Received:** 01/17/06 13:53

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
% Calculation	07/16/06	01/26/06 14:50	1/27/2006 12:22
EPA 8260B	01/31/06	01/17/06 16:45	1/23/2006 18:46
EPA 8270C	01/31/06	01/25/06 12:37	2/2/2006 18:44
FLPRO	01/31/06	01/26/06 07:02	1/27/2006 17:37

Client ID: JAX-PCA25-SB45-503 **Lab ID:** B600253-08

Sampled: 01/17/06 10:36 **Received:** 01/17/06 13:53

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
% Calculation	07/16/06	01/26/06 14:50	1/27/2006 12:22
EPA 8260B	01/31/06	01/17/06 16:45	1/23/2006 19:21
EPA 8270C	01/31/06	01/25/06 12:37	2/2/2006 19:02
FLPRO	01/31/06	01/26/06 07:02	1/27/2006 17:59

Client ID: JAX-PCA25-SB44-503 **Lab ID:** B600253-09

Sampled: 01/17/06 10:55 **Received:** 01/17/06 13:53

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
% Calculation	07/16/06	01/26/06 14:50	1/27/2006 12:22
EPA 8260B	01/31/06	01/17/06 16:45	1/23/2006 22:18
EPA 8270C	01/31/06	01/25/06 12:37	2/2/2006 19:19
FLPRO	01/31/06	01/26/06 07:02	1/30/2006 16:35

www.encolabs.com

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: JAX-PCA25-SB46-503 **Lab ID:** B600253-10

Sampled: 01/17/06 11:08 **Received:** 01/17/06 13:53

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
% Calculation	07/16/06	01/26/06 14:50	1/27/2006 12:22
EPA 8260B	01/31/06	01/17/06 16:45	1/23/2006 19:56
EPA 8270C	01/31/06	01/25/06 12:37	2/2/2006 19:37
FLPRO	01/31/06	01/26/06 07:02	1/27/2006 18:21

Client ID: JAX-PCA25-SB47-503 **Lab ID:** B600253-11

Sampled: 01/17/06 11:26 **Received:** 01/17/06 13:53

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
% Calculation	07/16/06	01/26/06 14:50	1/27/2006 12:22
EPA 8260B	01/31/06	01/17/06 16:45	1/26/2006 21:17
EPA 8270C	01/31/06	01/27/06 06:21	2/1/2006 21:27
FLPRO	01/31/06	01/30/06 06:20	2/2/2006 17:11

Client ID: JAX-PCA25-SB48-503 **Lab ID:** B600253-12

Sampled: 01/17/06 11:52 **Received:** 01/17/06 13:53

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
% Calculation	07/16/06	01/26/06 14:50	1/27/2006 12:22
EPA 8260B	01/31/06	01/17/06 16:45	1/18/2006 19:14
EPA 8270C	01/31/06	01/27/06 06:21	2/1/2006 21:45
FLPRO	01/31/06	01/30/06 06:20	2/2/2006 16:05

www.encolabs.com

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: JAX-PCA25-SB37-503 **Lab ID:** B600253-13

Sampled: 01/17/06 12:28 **Received:** 01/17/06 13:53

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
% Calculation	07/16/06	01/26/06 14:50	1/27/2006 12:22
EPA 8260B	01/31/06	01/17/06 16:45	1/18/2006 19:49
EPA 8270C	01/31/06	01/27/06 06:21	2/1/2006 22:02
FLPRO	01/31/06	01/30/06 06:20	2/1/2006 22:15

Client ID: JAX-PCA25-TB01-011706 **Lab ID:** B600253-14

Sampled: 01/17/06 13:00 **Received:** 01/17/06 13:53

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	01/31/06	01/18/06 08:00	1/19/2006 05:15

SUMMARY TABLE - SAMPLE DETECTS ONLY

Client ID: **JAX-PCA25-TB01-011706** Lab ID: **B600253-14**

No Results Detected

SUMMARY TABLE - SAMPLE DETECTS ONLY

Client ID: **JAX-PCA25-SB38-503** Lab ID: **B600253-01**

Analyte	Results/Qual	MRL	Units	Method
Methylene chloride	14.1 O-01, D, B	2.36	ug/kg dry	EPA 8260B
% Solids	90.0	0.1	% by Weight	% Calculation

Client ID: **JAX-PCA25-SB40-503** Lab ID: **B600253-02**

Analyte	Results/Qual	MRL	Units	Method
Methylene chloride	16.2 O-01, D, B	2.44	ug/kg dry	EPA 8260B
Toluene	0.550 I, D	1.22	ug/kg dry	EPA 8260B
C8-C40	30.9	8.05	mg/kg dry	FLPRO
% Solids	82.0	0.1	% by Weight	% Calculation

Client ID: **JAX-PCA25-SB39-503** Lab ID: **B600253-03**

Analyte	Results/Qual	MRL	Units	Method
Methylene chloride	15.8 O-01, D, B	2.34	ug/kg dry	EPA 8260B
% Solids	84.0	0.1	% by Weight	% Calculation

Client ID: **JAX-PCA25-SB36-503** Lab ID: **B600253-04**

Analyte	Results/Qual	MRL	Units	Method
Methylene chloride	12.4 O-01, D, B	2.11	ug/kg dry	EPA 8260B
C8-C40	232	7.17	mg/kg dry	FLPRO
2-Methylnaphthalene	18.1 I	35.9	ug/kg dry	EPA 8270C
Acenaphthylene	431	35.9	ug/kg dry	EPA 8270C
Anthracene	344	35.9	ug/kg dry	EPA 8270C
Benzo(a)anthracene	540	35.9	ug/kg dry	EPA 8270C
Benzo(a)pyrene	993	35.9	ug/kg dry	EPA 8270C
Benzo(b)fluoranthene	1820	35.9	ug/kg dry	EPA 8270C
Benzo(g,h,i)perylene	841	35.9	ug/kg dry	EPA 8270C
Benzo(k)fluoranthene	678	35.9	ug/kg dry	EPA 8270C
Chrysene	855	35.9	ug/kg dry	EPA 8270C
Dibenzo(a,h)anthracene	246	35.9	ug/kg dry	EPA 8270C
Fluoranthene	529	35.9	ug/kg dry	EPA 8270C
Fluorene	21.7 I	35.9	ug/kg dry	EPA 8270C
Indeno(1,2,3-cd)pyrene	793	35.9	ug/kg dry	EPA 8270C
Naphthalene	29.0 I	35.9	ug/kg dry	EPA 8270C
Phenanthrene	76.1	35.9	ug/kg dry	EPA 8270C
Pyrene	775	35.9	ug/kg dry	EPA 8270C
% Solids	92.0	0.1	% by Weight	% Calculation

SUMMARY TABLE - SAMPLE DETECTS ONLY

Client ID: **JAX-PCA25-SB41-501** Lab ID: **B600253-05**

Analyte	Results/Qual		MRL	Units	Method
Methylene chloride	32.7	O-01, D, B	2.56	ug/kg dry	EPA 8260B
C8-C40	287		6.80	mg/kg dry	FLPRO
1-Methylnaphthalene	608		34.0	ug/kg dry	EPA 8270C
2-Methylnaphthalene	756		34.0	ug/kg dry	EPA 8270C
Naphthalene	275		34.0	ug/kg dry	EPA 8270C
% Solids	97.0		0.1	% by Weight	% Calculation

Client ID: **JAX-PCA25-SB42-503** Lab ID: **B600253-06**

Analyte	Results/Qual		MRL	Units	Method
Benzene	86.8	I, D	124	ug/kg dry	EPA 8260B
Chlorobenzene	250	D	124	ug/kg dry	EPA 8260B
Ethylbenzene	3100	D	124	ug/kg dry	EPA 8260B
m,p-Xylenes	2520	D	248	ug/kg dry	EPA 8260B
Methylene chloride	361	O-01, D, B	248	ug/kg dry	EPA 8260B
Toluene	27.3	I, D	124	ug/kg dry	EPA 8260B
C8-C40	3550	D	393	mg/kg dry	FLPRO
1-Methylnaphthalene	4680	D	393	ug/kg dry	EPA 8270C
2-Methylnaphthalene	5160	D	393	ug/kg dry	EPA 8270C
Acenaphthene	83.3		39.3	ug/kg dry	EPA 8270C
Fluoranthene	23.8	I	39.3	ug/kg dry	EPA 8270C
Fluorene	131		39.3	ug/kg dry	EPA 8270C
Naphthalene	2340	D	393	ug/kg dry	EPA 8270C
Phenanthrene	87.3		39.3	ug/kg dry	EPA 8270C
Pyrene	27.8	I	39.3	ug/kg dry	EPA 8270C
% Solids	84.0		0.1	% by Weight	% Calculation

Client ID: **JAX-PCA25-SB43-503** Lab ID: **B600253-07**

Analyte	Results/Qual		MRL	Units	Method
Methylene chloride	16.2	O-01, D, B	2.35	ug/kg dry	EPA 8260B
Toluene	0.882	I, D	1.18	ug/kg dry	EPA 8260B
1-Methylnaphthalene	26.0	I	42.9	ug/kg dry	EPA 8270C
2-Methylnaphthalene	26.0	I	42.9	ug/kg dry	EPA 8270C
% Solids	77.0		0.1	% by Weight	% Calculation

Client ID: **JAX-PCA25-SB45-503** Lab ID: **B600253-08**

Analyte	Results/Qual		MRL	Units	Method
Methylene chloride	14.1	O-01, D, B	2.12	ug/kg dry	EPA 8260B
Toluene	0.552	I, D	1.06	ug/kg dry	EPA 8260B
% Solids	81.0		0.1	% by Weight	% Calculation

Client ID: **JAX-PCA25-SB44-503** Lab ID: **B600253-09**

Analyte	Results/Qual		MRL	Units	Method
Methylene chloride	15.0	O-01, D, B	2.52	ug/kg dry	EPA 8260B

SUMMARY TABLE - SAMPLE DETECTS ONLY

Client ID: **JAX-PCA25-SB44-503** Lab ID: **B600253-09**

Analyte	Results/Qual	MRL	Units	Method
% Solids	78.0	0.1	% by Weight	% Calculation

Client ID: **JAX-PCA25-SB46-503** Lab ID: **B600253-10**

Analyte	Results/Qual	MRL	Units	Method
Methylene chloride	7.49 O-01, D, B	2.39	ug/kg dry	EPA 8260B
C8-C40	27.6	7.59	mg/kg dry	FLPRO
Benzo(a)anthracene	26.8 I	37.9	ug/kg dry	EPA 8270C
Benzo(b)fluoranthene	303	37.9	ug/kg dry	EPA 8270C
Benzo(g,h,i)perylene	42.1	37.9	ug/kg dry	EPA 8270C
Benzo(k)fluoranthene	138	37.9	ug/kg dry	EPA 8270C
Chrysene	153	37.9	ug/kg dry	EPA 8270C
Dibenzo(a,h)anthracene	23.0 I	37.9	ug/kg dry	EPA 8270C
Fluoranthene	38.3	37.9	ug/kg dry	EPA 8270C
Indeno(1,2,3-cd)pyrene	65.1	37.9	ug/kg dry	EPA 8270C
Pyrene	199	37.9	ug/kg dry	EPA 8270C
% Solids	87.0	0.1	% by Weight	% Calculation

Client ID: **JAX-PCA25-SB47-503** Lab ID: **B600253-11**

Analyte	Results/Qual	MRL	Units	Method
Chlorobenzene	2170 D	120	ug/kg dry	EPA 8260B
Ethylbenzene	85.2 I, D	120	ug/kg dry	EPA 8260B
m,p-Xylenes	128 I, D	240	ug/kg dry	EPA 8260B
Methylene chloride	300 O-01, D, B	240	ug/kg dry	EPA 8260B
o-Xylene	33.6 I, D	120	ug/kg dry	EPA 8260B
Toluene	36.0 I, D	120	ug/kg dry	EPA 8260B
C8-C40	183	7.86	mg/kg dry	FLPRO
1-Methylnaphthalene	155	39.3	ug/kg dry	EPA 8270C
2-Methylnaphthalene	210	39.3	ug/kg dry	EPA 8270C
Acenaphthene	325	39.3	ug/kg dry	EPA 8270C
Anthracene	750	39.3	ug/kg dry	EPA 8270C
Benzo(a)anthracene	714	39.3	ug/kg dry	EPA 8270C
Benzo(a)pyrene	377	39.3	ug/kg dry	EPA 8270C
Benzo(b)fluoranthene	468	39.3	ug/kg dry	EPA 8270C
Benzo(g,h,i)perylene	167	39.3	ug/kg dry	EPA 8270C
Benzo(k)fluoranthene	202	39.3	ug/kg dry	EPA 8270C
Chrysene	726	39.3	ug/kg dry	EPA 8270C
Dibenzo(a,h)anthracene	47.6	39.3	ug/kg dry	EPA 8270C
Fluoranthene	2550	39.3	ug/kg dry	EPA 8270C
Fluorene	393	39.3	ug/kg dry	EPA 8270C
Indeno(1,2,3-cd)pyrene	159	39.3	ug/kg dry	EPA 8270C
Naphthalene	79.4	39.3	ug/kg dry	EPA 8270C
Phenanthrene	3110	39.3	ug/kg dry	EPA 8270C
Pyrene	1960	39.3	ug/kg dry	EPA 8270C
% Solids	84.0	0.1	% by Weight	% Calculation

SUMMARY TABLE - SAMPLE DETECTS ONLY

Client ID: **JAX-PCA25-SB48-503** Lab ID: **B600253-12**

Analyte	Results/Qual	MRL	Units	Method
Methylene chloride	13.1 O-01, D, B	2.21	ug/kg dry	EPA 8260B
C8-C40	15.8	8.05	mg/kg dry	FLPRO
% Solids	82.0	0.1	% by Weight	% Calculation

Client ID: **JAX-PCA25-SB37-503** Lab ID: **B600253-13**

Analyte	Results/Qual	MRL	Units	Method
Methylene chloride	11.2 O-01, D, B	2.08	ug/kg dry	EPA 8260B
Benzo(a)anthracene	21.7 I	35.9	ug/kg dry	EPA 8270C
% Solids	92.0	0.1	% by Weight	% Calculation

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB38-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-01	Work Order #:	B600253
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/23/06 By: JDB	Unit:	ug/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	90.00
QC Batch:	6A25015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1-Trichloroethane	71-55-6	0.118 U, D	0.118	1.18	ug/kg dry
1,1,2,2-Tetrachloroethane	79-34-5	0.236 U, D	0.236	0.236	ug/kg dry
1,1,2-Trichloroethane	79-00-5	0.236 U, D	0.236	1.18	ug/kg dry
1,1-Dichloroethane	75-34-3	0.236 U, D	0.236	1.18	ug/kg dry
1,1-Dichloroethene	75-35-4	0.236 U, D	0.236	1.18	ug/kg dry
1,2-Dichlorobenzene	95-50-1	0.236 U, D	0.236	1.18	ug/kg dry
1,2-Dichloroethane	107-06-2	0.118 U, D	0.118	1.18	ug/kg dry
1,2-Dichloropropane	78-87-5	0.118 U, D	0.118	1.18	ug/kg dry
1,3-Dichlorobenzene	541-73-1	0.236 U, D	0.236	1.18	ug/kg dry
1,4-Dichlorobenzene	106-46-7	0.118 U, D	0.118	1.18	ug/kg dry
Benzene	71-43-2	0.118 U, D	0.118	1.18	ug/kg dry
Bromodichloromethane	75-27-4	0.118 U, D	0.118	0.472	ug/kg dry
Bromoform	75-25-2	0.236 U, D	0.236	1.18	ug/kg dry
Bromomethane	74-83-9	0.826 U, D	0.826	1.18	ug/kg dry
Carbon tetrachloride	56-23-5	0.236 U, D	0.236	1.18	ug/kg dry
Chlorobenzene	108-90-7	0.118 U, D	0.118	1.18	ug/kg dry
Chloroethane	75-00-3	0.472 U, D	0.472	1.18	ug/kg dry
Chloroform	67-66-3	0.118 U, D	0.118	1.18	ug/kg dry
Chloromethane	74-87-3	0.354 U, D	0.354	1.18	ug/kg dry
cis-1,2-Dichloroethene	156-59-2	0.236 U, D	0.236	1.18	ug/kg dry
cis-1,3-Dichloropropene	10061-01-5	0.236 U, D	0.236	0.236	ug/kg dry
Dibromochloromethane	124-48-1	0.236 U, D	0.236	0.236	ug/kg dry
Dichlorodifluoromethane	75-71-8	0.354 U, D	0.354	1.18	ug/kg dry
Ethylbenzene	100-41-4	0.236 U, D	0.236	1.18	ug/kg dry
m,p-Xylenes	108-38-3/106-42-3	0.354 U, D	0.354	2.36	ug/kg dry
Methylene chloride	75-09-2	**14.1** O-01, D, B	0.590	2.36	ug/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.118 U, D	0.118	1.18	ug/kg dry
o-Xylene	95-47-6	0.118 U, D	0.118	1.18	ug/kg dry
Tetrachloroethene	127-18-4	0.944 U, D	0.944	1.18	ug/kg dry
Toluene	108-88-3	0.236 U, D	0.236	1.18	ug/kg dry
trans-1,2-Dichloroethene	156-60-5	0.354 U, D	0.354	1.18	ug/kg dry
trans-1,3-Dichloropropene	10061-02-6	0.236 U, D	0.236	0.236	ug/kg dry
Trichloroethene	79-01-6	0.118 U, D	0.118	1.18	ug/kg dry
Trichlorofluoromethane	75-69-4	0.472 U, D	0.472	1.18	ug/kg dry
Vinyl chloride	75-01-4	0.354 U, D	0.354	1.18	ug/kg dry

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB38-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-01	Work Order #:	B600253
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/23/06 By: JDB	Unit:	ug/kg
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	90.00
QC Batch:	6A25015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	50.8	50.0	102 %	60-130
Dibromofluoromethane	1868-53-7	38.5	50.0	77 %	66-131
Toluene-d8	2037-26-5	48.9	50.0	98 %	67-139
Toluene-d8	2037-26-5	48.9	50.0	98 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB38-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-01	Work Order #:	B600253
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	01/27/06 By: jbh	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	1
Anal. Batch:		Percent Solids:	90.00
QC Batch:	6A26001		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
C8-C40	NA	6.23 U	6.23	7.33	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	3.56	3.70	96 %	29-145
o-Terphenyl	84-15-1	1.68	1.85	91 %	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB38-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-01	Work Order #:	B600253
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	02/03/06 By: jj	Unit:	ug/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:		Percent Solids:	90.00
QC Batch:	6A25009		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	11.8 U	11.8	36.7	ug/kg dry
2-Methylnaphthalene	91-57-6	11.0 U	11.0	36.7	ug/kg dry
Acenaphthene	83-32-9	8.07 U	8.07	36.7	ug/kg dry
Acenaphthylene	208-96-8	11.8 U	11.8	36.7	ug/kg dry
Anthracene	120-12-7	7.67 U	7.67	36.7	ug/kg dry
Benzo(a)anthracene	56-55-3	7.67 U	7.67	36.7	ug/kg dry
Benzo(a)pyrene	50-32-8	7.67 U	7.67	36.7	ug/kg dry
Benzo(b)fluoranthene	205-99-2	5.92 U	5.92	36.7	ug/kg dry
Benzo(g,h,i)perylene	191-24-2	11.3 U	11.3	36.7	ug/kg dry
Benzo(k)fluoranthene	207-08-9	7.67 U	7.67	36.7	ug/kg dry
Chrysene	218-01-9	8.11 U	8.11	36.7	ug/kg dry
Dibenzo(a,h)anthracene	53-70-3	12.4 U	12.4	36.7	ug/kg dry
Fluoranthene	206-44-0	9.89 U	9.89	36.7	ug/kg dry
Fluorene	86-73-7	7.00 U	7.00	36.7	ug/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	12.9 U	12.9	36.7	ug/kg dry
Naphthalene	91-20-3	13.6 U	13.6	36.7	ug/kg dry
Phenanthrene	85-01-8	7.67 U	7.67	36.7	ug/kg dry
Pyrene	129-00-0	9.89 U	9.89	36.7	ug/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	1360	1850	74 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID: JAX-PCA25-SB38-503
Lab #: B600253-01

Project: PCA 25 and Hawkins UST
Work Order #: B600253
Matrix: Soil

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
% Solids	NA	90.0	0.1	0.1	% by Weight	% Calculation	% Solids	6A26011

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB40-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-02	Work Order #:	B600253
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/23/06 By: JDB	Unit:	ug/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	82.00
QC Batch:	6A25015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1-Trichloroethane	71-55-6	0.122 U, D	0.122	1.22	ug/kg dry
1,1,2,2-Tetrachloroethane	79-34-5	0.244 U, D	0.244	0.244	ug/kg dry
1,1,2-Trichloroethane	79-00-5	0.244 U, D	0.244	1.22	ug/kg dry
1,1-Dichloroethane	75-34-3	0.244 U, D	0.244	1.22	ug/kg dry
1,1-Dichloroethene	75-35-4	0.244 U, D	0.244	1.22	ug/kg dry
1,2-Dichlorobenzene	95-50-1	0.244 U, D	0.244	1.22	ug/kg dry
1,2-Dichloroethane	107-06-2	0.122 U, D	0.122	1.22	ug/kg dry
1,2-Dichloropropane	78-87-5	0.122 U, D	0.122	1.22	ug/kg dry
1,3-Dichlorobenzene	541-73-1	0.244 U, D	0.244	1.22	ug/kg dry
1,4-Dichlorobenzene	106-46-7	0.122 U, D	0.122	1.22	ug/kg dry
Benzene	71-43-2	0.122 U, D	0.122	1.22	ug/kg dry
Bromodichloromethane	75-27-4	0.122 U, D	0.122	0.489	ug/kg dry
Bromoform	75-25-2	0.244 U, D	0.244	1.22	ug/kg dry
Bromomethane	74-83-9	0.855 U, D	0.855	1.22	ug/kg dry
Carbon tetrachloride	56-23-5	0.244 U, D	0.244	1.22	ug/kg dry
Chlorobenzene	108-90-7	0.122 U, D	0.122	1.22	ug/kg dry
Chloroethane	75-00-3	0.489 U, D	0.489	1.22	ug/kg dry
Chloroform	67-66-3	0.122 U, D	0.122	1.22	ug/kg dry
Chloromethane	74-87-3	0.367 U, D	0.367	1.22	ug/kg dry
cis-1,2-Dichloroethene	156-59-2	0.244 U, D	0.244	1.22	ug/kg dry
cis-1,3-Dichloropropene	10061-01-5	0.244 U, D	0.244	0.244	ug/kg dry
Dibromochloromethane	124-48-1	0.244 U, D	0.244	0.244	ug/kg dry
Dichlorodifluoromethane	75-71-8	0.367 U, D	0.367	1.22	ug/kg dry
Ethylbenzene	100-41-4	0.244 U, D	0.244	1.22	ug/kg dry
m,p-Xylenes	108-38-3/106-42-3	0.367 U, D	0.367	2.44	ug/kg dry
Methylene chloride	75-09-2	**16.2** O-01, D, B	0.611	2.44	ug/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.122 U, D	0.122	1.22	ug/kg dry
o-Xylene	95-47-6	0.122 U, D	0.122	1.22	ug/kg dry
Tetrachloroethene	127-18-4	0.978 U, D	0.978	1.22	ug/kg dry
Toluene	108-88-3	**0.550** I, D	0.244	1.22	ug/kg dry
trans-1,2-Dichloroethene	156-60-5	0.367 U, D	0.367	1.22	ug/kg dry
trans-1,3-Dichloropropene	10061-02-6	0.244 U, D	0.244	0.244	ug/kg dry
Trichloroethene	79-01-6	0.122 U, D	0.122	1.22	ug/kg dry
Trichlorofluoromethane	75-69-4	0.489 U, D	0.489	1.22	ug/kg dry
Vinyl chloride	75-01-4	0.367 U, D	0.367	1.22	ug/kg dry

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB40-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-02	Work Order #:	B600253
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/23/06 By: JDB	Unit:	ug/kg
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	82.00
QC Batch:	6A25015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	55.9	50.0	112 %	60-130
Dibromofluoromethane	1868-53-7	43.2	50.0	86 %	66-131
Toluene-d8	2037-26-5	49.1	50.0	98 %	67-139
Toluene-d8	2037-26-5	49.1	50.0	98 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB40-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-02	Work Order #:	B600253
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	01/27/06 By: jbh	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	1
Anal. Batch:		Percent Solids:	82.00
QC Batch:	6A26001		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
C8-C40	NA	**30.9**	6.84	8.05	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	4.28	4.07	105 %	29-145
o-Terphenyl	84-15-1	1.93	2.03	95 %	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB40-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-02	Work Order #:	B600253
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	02/02/06 By: jj	Unit:	ug/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:		Percent Solids:	82.00
QC Batch:	6A25009		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	12.9 U	12.9	40.2	ug/kg dry
2-Methylnaphthalene	91-57-6	12.1 U	12.1	40.2	ug/kg dry
Acenaphthene	83-32-9	8.85 U	8.85	40.2	ug/kg dry
Acenaphthylene	208-96-8	12.9 U	12.9	40.2	ug/kg dry
Anthracene	120-12-7	8.41 U	8.41	40.2	ug/kg dry
Benzo(a)anthracene	56-55-3	8.41 U	8.41	40.2	ug/kg dry
Benzo(a)pyrene	50-32-8	8.41 U	8.41	40.2	ug/kg dry
Benzo(b)fluoranthene	205-99-2	6.50 U	6.50	40.2	ug/kg dry
Benzo(g,h,i)perylene	191-24-2	12.4 U	12.4	40.2	ug/kg dry
Benzo(k)fluoranthene	207-08-9	8.41 U	8.41	40.2	ug/kg dry
Chrysene	218-01-9	8.90 U	8.90	40.2	ug/kg dry
Dibenzo(a,h)anthracene	53-70-3	13.7 U	13.7	40.2	ug/kg dry
Fluoranthene	206-44-0	10.9 U	10.9	40.2	ug/kg dry
Fluorene	86-73-7	7.68 U	7.68	40.2	ug/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	14.1 U	14.1	40.2	ug/kg dry
Naphthalene	91-20-3	14.9 U	14.9	40.2	ug/kg dry
Phenanthrene	85-01-8	8.41 U	8.41	40.2	ug/kg dry
Pyrene	129-00-0	10.9 U	10.9	40.2	ug/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	1720	2030	85 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID: JAX-PCA25-SB40-503
Lab #: B600253-02

Project: PCA 25 and Hawkins UST
Work Order #: B600253
Matrix: Soil

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
% Solids	NA	82.0	0.1	0.1	% by Weight	% Calculation	% Solids	6A26011

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB39-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-03	Work Order #:	B600253
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/23/06 By: JDB	Unit:	ug/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	84.00
QC Batch:	6A25015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1-Trichloroethane	71-55-6	0.117 U, D	0.117	1.17	ug/kg dry
1,1,2,2-Tetrachloroethane	79-34-5	0.234 U, D	0.234	0.234	ug/kg dry
1,1,2-Trichloroethane	79-00-5	0.234 U, D	0.234	1.17	ug/kg dry
1,1-Dichloroethane	75-34-3	0.234 U, D	0.234	1.17	ug/kg dry
1,1-Dichloroethene	75-35-4	0.234 U, D	0.234	1.17	ug/kg dry
1,2-Dichlorobenzene	95-50-1	0.234 U, D	0.234	1.17	ug/kg dry
1,2-Dichloroethane	107-06-2	0.117 U, D	0.117	1.17	ug/kg dry
1,2-Dichloropropane	78-87-5	0.117 U, D	0.117	1.17	ug/kg dry
1,3-Dichlorobenzene	541-73-1	0.234 U, D	0.234	1.17	ug/kg dry
1,4-Dichlorobenzene	106-46-7	0.117 U, D	0.117	1.17	ug/kg dry
Benzene	71-43-2	0.117 U, D	0.117	1.17	ug/kg dry
Bromodichloromethane	75-27-4	0.117 U, D	0.117	0.468	ug/kg dry
Bromoform	75-25-2	0.234 U, D	0.234	1.17	ug/kg dry
Bromomethane	74-83-9	0.819 U, D	0.819	1.17	ug/kg dry
Carbon tetrachloride	56-23-5	0.234 U, D	0.234	1.17	ug/kg dry
Chlorobenzene	108-90-7	0.117 U, D	0.117	1.17	ug/kg dry
Chloroethane	75-00-3	0.468 U, D	0.468	1.17	ug/kg dry
Chloroform	67-66-3	0.117 U, D	0.117	1.17	ug/kg dry
Chloromethane	74-87-3	0.351 U, D	0.351	1.17	ug/kg dry
cis-1,2-Dichloroethene	156-59-2	0.234 U, D	0.234	1.17	ug/kg dry
cis-1,3-Dichloropropene	10061-01-5	0.234 U, D	0.234	0.234	ug/kg dry
Dibromochloromethane	124-48-1	0.234 U, D	0.234	0.234	ug/kg dry
Dichlorodifluoromethane	75-71-8	0.351 U, D	0.351	1.17	ug/kg dry
Ethylbenzene	100-41-4	0.234 U, D	0.234	1.17	ug/kg dry
m,p-Xylenes	108-38-3/106-42-3	0.351 U, D	0.351	2.34	ug/kg dry
Methylene chloride	75-09-2	**15.8** O-01, D, B	0.585	2.34	ug/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.117 U, D	0.117	1.17	ug/kg dry
o-Xylene	95-47-6	0.117 U, D	0.117	1.17	ug/kg dry
Tetrachloroethene	127-18-4	0.936 U, D	0.936	1.17	ug/kg dry
Toluene	108-88-3	0.234 U, D	0.234	1.17	ug/kg dry
trans-1,2-Dichloroethene	156-60-5	0.351 U, D	0.351	1.17	ug/kg dry
trans-1,3-Dichloropropene	10061-02-6	0.234 U, D	0.234	0.234	ug/kg dry
Trichloroethene	79-01-6	0.117 U, D	0.117	1.17	ug/kg dry
Trichlorofluoromethane	75-69-4	0.468 U, D	0.468	1.17	ug/kg dry
Vinyl chloride	75-01-4	0.351 U, D	0.351	1.17	ug/kg dry

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB39-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-03	Work Order #:	B600253
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/23/06 By: JDB	Unit:	ug/kg
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	84.00
QC Batch:	6A25015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	49.9	50.0	100 %	60-130
Dibromofluoromethane	1868-53-7	43.7	50.0	87 %	66-131
Toluene-d8	2037-26-5	49.0	50.0	98 %	67-139
Toluene-d8	2037-26-5	49.0	50.0	98 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB39-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-03	Work Order #:	B600253
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	01/27/06 By: jbh	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	1
Anal. Batch:		Percent Solids:	84.00
QC Batch:	6A26001		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
C8-C40	NA	6.68 U	6.68	7.86	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	3.60	3.97	91 %	29-145
o-Terphenyl	84-15-1	1.75	1.98	88 %	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB39-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-03	Work Order #:	B600253
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	02/02/06 By: jj	Unit:	ug/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:		Percent Solids:	84.00
QC Batch:	6A25009		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	12.6 U	12.6	39.3	ug/kg dry
2-Methylnaphthalene	91-57-6	11.8 U	11.8	39.3	ug/kg dry
Acenaphthene	83-32-9	8.64 U	8.64	39.3	ug/kg dry
Acenaphthylene	208-96-8	12.6 U	12.6	39.3	ug/kg dry
Anthracene	120-12-7	8.21 U	8.21	39.3	ug/kg dry
Benzo(a)anthracene	56-55-3	8.21 U	8.21	39.3	ug/kg dry
Benzo(a)pyrene	50-32-8	8.21 U	8.21	39.3	ug/kg dry
Benzo(b)fluoranthene	205-99-2	6.34 U	6.34	39.3	ug/kg dry
Benzo(g,h,i)perylene	191-24-2	12.1 U	12.1	39.3	ug/kg dry
Benzo(k)fluoranthene	207-08-9	8.21 U	8.21	39.3	ug/kg dry
Chrysene	218-01-9	8.69 U	8.69	39.3	ug/kg dry
Dibenzo(a,h)anthracene	53-70-3	13.3 U	13.3	39.3	ug/kg dry
Fluoranthene	206-44-0	10.6 U	10.6	39.3	ug/kg dry
Fluorene	86-73-7	7.50 U	7.50	39.3	ug/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	13.8 U	13.8	39.3	ug/kg dry
Naphthalene	91-20-3	14.5 U	14.5	39.3	ug/kg dry
Phenanthrene	85-01-8	8.21 U	8.21	39.3	ug/kg dry
Pyrene	129-00-0	10.6 U	10.6	39.3	ug/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	1960	1980	99 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID: JAX-PCA25-SB39-503
Lab #: B600253-03

Project: PCA 25 and Hawkins UST
Work Order #: B600253
Matrix: Soil

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
% Solids	NA	84.0	0.1	0.1	% by Weight	% Calculation	% Solids	6A26011

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB36-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-04	Work Order #:	B600253
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/23/06 By: JDB	Unit:	ug/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	92.00
QC Batch:	6A25015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1-Trichloroethane	71-55-6	0.105 U, D	0.105	1.05	ug/kg dry
1,1,2,2-Tetrachloroethane	79-34-5	0.211 U, D	0.211	0.211	ug/kg dry
1,1,2-Trichloroethane	79-00-5	0.211 U, D	0.211	1.05	ug/kg dry
1,1-Dichloroethane	75-34-3	0.211 U, D	0.211	1.05	ug/kg dry
1,1-Dichloroethene	75-35-4	0.211 U, D	0.211	1.05	ug/kg dry
1,2-Dichlorobenzene	95-50-1	0.211 U, D	0.211	1.05	ug/kg dry
1,2-Dichloroethane	107-06-2	0.105 U, D	0.105	1.05	ug/kg dry
1,2-Dichloropropane	78-87-5	0.105 U, D	0.105	1.05	ug/kg dry
1,3-Dichlorobenzene	541-73-1	0.211 U, D	0.211	1.05	ug/kg dry
1,4-Dichlorobenzene	106-46-7	0.105 U, D	0.105	1.05	ug/kg dry
Benzene	71-43-2	0.105 U, D	0.105	1.05	ug/kg dry
Bromodichloromethane	75-27-4	0.105 U, D	0.105	0.421	ug/kg dry
Bromoform	75-25-2	0.211 U, D	0.211	1.05	ug/kg dry
Bromomethane	74-83-9	0.737 U, D	0.737	1.05	ug/kg dry
Carbon tetrachloride	56-23-5	0.211 U, D	0.211	1.05	ug/kg dry
Chlorobenzene	108-90-7	0.105 U, D	0.105	1.05	ug/kg dry
Chloroethane	75-00-3	0.421 U, D	0.421	1.05	ug/kg dry
Chloroform	67-66-3	0.105 U, D	0.105	1.05	ug/kg dry
Chloromethane	74-87-3	0.316 U, D	0.316	1.05	ug/kg dry
cis-1,2-Dichloroethene	156-59-2	0.211 U, D	0.211	1.05	ug/kg dry
cis-1,3-Dichloropropene	10061-01-5	0.211 U, D	0.211	0.211	ug/kg dry
Dibromochloromethane	124-48-1	0.211 U, D	0.211	0.211	ug/kg dry
Dichlorodifluoromethane	75-71-8	0.316 U, D	0.316	1.05	ug/kg dry
Ethylbenzene	100-41-4	0.211 U, D	0.211	1.05	ug/kg dry
m,p-Xylenes	108-38-3/106-42-3	0.316 U, D	0.316	2.11	ug/kg dry
Methylene chloride	75-09-2	**12.4** O-01, D, B	0.527	2.11	ug/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.105 U, D	0.105	1.05	ug/kg dry
o-Xylene	95-47-6	0.105 U, D	0.105	1.05	ug/kg dry
Tetrachloroethene	127-18-4	0.843 U, D	0.843	1.05	ug/kg dry
Toluene	108-88-3	0.211 U, D	0.211	1.05	ug/kg dry
trans-1,2-Dichloroethene	156-60-5	0.316 U, D	0.316	1.05	ug/kg dry
trans-1,3-Dichloropropene	10061-02-6	0.211 U, D	0.211	0.211	ug/kg dry
Trichloroethene	79-01-6	0.105 U, D	0.105	1.05	ug/kg dry
Trichlorofluoromethane	75-69-4	0.421 U, D	0.421	1.05	ug/kg dry
Vinyl chloride	75-01-4	0.316 U, D	0.316	1.05	ug/kg dry

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB36-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-04	Work Order #:	B600253
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/23/06 By: JDB	Unit:	ug/kg
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	92.00
QC Batch:	6A25015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	51.7	50.0	103 %	60-130
Dibromofluoromethane	1868-53-7	38.2	50.0	76 %	66-131
Toluene-d8	2037-26-5	46.7	50.0	93 %	67-139
Toluene-d8	2037-26-5	46.7	50.0	93 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB36-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-04	Work Order #:	B600253
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	01/30/06 By: rw	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	1
Anal. Batch:		Percent Solids:	92.00
QC Batch:	6A26001		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
C8-C40	NA	**232**	6.10	7.17	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	4.36	3.62	120 %	29-145
o-Terphenyl	84-15-1	2.12	1.81	117 %	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB36-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-04	Work Order #:	B600253
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	02/02/06 By: jj	Unit:	ug/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:		Percent Solids:	92.00
QC Batch:	6A25009		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	11.5 U	11.5	35.9	ug/kg dry
2-Methylnaphthalene	91-57-6	**18.1** I	10.8	35.9	ug/kg dry
Acenaphthene	83-32-9	7.89 U	7.89	35.9	ug/kg dry
Acenaphthylene	208-96-8	**431**	11.5	35.9	ug/kg dry
Anthracene	120-12-7	**344**	7.50	35.9	ug/kg dry
Benzo(a)anthracene	56-55-3	**540**	7.50	35.9	ug/kg dry
Benzo(a)pyrene	50-32-8	**993**	7.50	35.9	ug/kg dry
Benzo(b)fluoranthene	205-99-2	**1820**	5.79	35.9	ug/kg dry
Benzo(g,h,i)perylene	191-24-2	**841**	11.1	35.9	ug/kg dry
Benzo(k)fluoranthene	207-08-9	**678**	7.50	35.9	ug/kg dry
Chrysene	218-01-9	**855**	7.93	35.9	ug/kg dry
Dibenzo(a,h)anthracene	53-70-3	**246**	12.2	35.9	ug/kg dry
Fluoranthene	206-44-0	**529**	9.67	35.9	ug/kg dry
Fluorene	86-73-7	**21.7** I	6.85	35.9	ug/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	**793**	12.6	35.9	ug/kg dry
Naphthalene	91-20-3	**29.0** I	13.3	35.9	ug/kg dry
Phenanthrene	85-01-8	**76.1**	7.50	35.9	ug/kg dry
Pyrene	129-00-0	**775**	9.67	35.9	ug/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	1410	1810	78 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID: JAX-PCA25-SB36-503
Lab #: B600253-04

Project: PCA 25 and Hawkins UST
Work Order #: B600253
Matrix: Soil

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
% Solids	NA	92.0	0.1	0.1	% by Weight	% Calculation	% Solids	6A26011

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB41-501	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-05	Work Order #:	B600253
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/23/06 By: JDB	Unit:	ug/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	97.00
QC Batch:	6A25015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1-Trichloroethane	71-55-6	0.128 U, D	0.128	1.28	ug/kg dry
1,1,2,2-Tetrachloroethane	79-34-5	0.256 U, D	0.256	0.256	ug/kg dry
1,1,2-Trichloroethane	79-00-5	0.256 U, D	0.256	1.28	ug/kg dry
1,1-Dichloroethane	75-34-3	0.256 U, D	0.256	1.28	ug/kg dry
1,1-Dichloroethene	75-35-4	0.256 U, D	0.256	1.28	ug/kg dry
1,2-Dichlorobenzene	95-50-1	0.256 U, D	0.256	1.28	ug/kg dry
1,2-Dichloroethane	107-06-2	0.128 U, D	0.128	1.28	ug/kg dry
1,2-Dichloropropane	78-87-5	0.128 U, D	0.128	1.28	ug/kg dry
1,3-Dichlorobenzene	541-73-1	0.256 U, D	0.256	1.28	ug/kg dry
1,4-Dichlorobenzene	106-46-7	0.128 U, D	0.128	1.28	ug/kg dry
Benzene	71-43-2	0.128 U, D	0.128	1.28	ug/kg dry
Bromodichloromethane	75-27-4	0.128 U, D	0.128	0.512	ug/kg dry
Bromoform	75-25-2	0.256 U, D	0.256	1.28	ug/kg dry
Bromomethane	74-83-9	0.895 U, D	0.895	1.28	ug/kg dry
Carbon tetrachloride	56-23-5	0.256 U, D	0.256	1.28	ug/kg dry
Chlorobenzene	108-90-7	0.128 U, D	0.128	1.28	ug/kg dry
Chloroethane	75-00-3	0.512 U, D	0.512	1.28	ug/kg dry
Chloroform	67-66-3	0.128 U, D	0.128	1.28	ug/kg dry
Chloromethane	74-87-3	0.384 U, D	0.384	1.28	ug/kg dry
cis-1,2-Dichloroethene	156-59-2	0.256 U, D	0.256	1.28	ug/kg dry
cis-1,3-Dichloropropene	10061-01-5	0.256 U, D	0.256	0.256	ug/kg dry
Dibromochloromethane	124-48-1	0.256 U, D	0.256	0.256	ug/kg dry
Dichlorodifluoromethane	75-71-8	0.384 U, D	0.384	1.28	ug/kg dry
Ethylbenzene	100-41-4	0.256 U, D	0.256	1.28	ug/kg dry
m,p-Xylenes	108-38-3/106-42-3	0.384 U, D	0.384	2.56	ug/kg dry
Methylene chloride	75-09-2	**32.7** O-01, D, B	0.640	2.56	ug/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.128 U, D	0.128	1.28	ug/kg dry
o-Xylene	95-47-6	0.128 U, D	0.128	1.28	ug/kg dry
Tetrachloroethene	127-18-4	1.02 U, D	1.02	1.28	ug/kg dry
Toluene	108-88-3	0.256 U, D	0.256	1.28	ug/kg dry
trans-1,2-Dichloroethene	156-60-5	0.384 U, D	0.384	1.28	ug/kg dry
trans-1,3-Dichloropropene	10061-02-6	0.256 U, D	0.256	0.256	ug/kg dry
Trichloroethene	79-01-6	0.128 U, D	0.128	1.28	ug/kg dry
Trichlorofluoromethane	75-69-4	0.512 U, D	0.512	1.28	ug/kg dry
Vinyl chloride	75-01-4	0.384 U, D	0.384	1.28	ug/kg dry

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB41-501	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-05	Work Order #:	B600253
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/23/06 By: JDB	Unit:	ug/kg
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	97.00
QC Batch:	6A25015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	50.6	50.0	101 %	60-130
Dibromofluoromethane	1868-53-7	42.1	50.0	84 %	66-131
Toluene-d8	2037-26-5	47.3	50.0	95 %	67-139
Toluene-d8	2037-26-5	47.3	50.0	95 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB41-501	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-05	Work Order #:	B600253
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	01/30/06 By: rw	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	1
Anal. Batch:		Percent Solids:	97.00
QC Batch:	6A26001		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
C8-C40	NA	**287**	5.78	6.80	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	4.67	3.44	136 %	29-145
o-Terphenyl	84-15-1	2.20	1.72	128 %	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB41-501	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-05	Work Order #:	B600253
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	02/02/06 By: jj	Unit:	ug/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:		Percent Solids:	97.00
QC Batch:	6A25009		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	**608**	10.9	34.0	ug/kg dry
2-Methylnaphthalene	91-57-6	**756**	10.2	34.0	ug/kg dry
Acenaphthene	83-32-9	7.48 U	7.48	34.0	ug/kg dry
Acenaphthylene	208-96-8	10.9 U	10.9	34.0	ug/kg dry
Anthracene	120-12-7	7.11 U	7.11	34.0	ug/kg dry
Benzo(a)anthracene	56-55-3	7.11 U	7.11	34.0	ug/kg dry
Benzo(a)pyrene	50-32-8	7.11 U	7.11	34.0	ug/kg dry
Benzo(b)fluoranthene	205-99-2	5.49 U	5.49	34.0	ug/kg dry
Benzo(g,h,i)perylene	191-24-2	10.5 U	10.5	34.0	ug/kg dry
Benzo(k)fluoranthene	207-08-9	7.11 U	7.11	34.0	ug/kg dry
Chrysene	218-01-9	7.53 U	7.53	34.0	ug/kg dry
Dibenzo(a,h)anthracene	53-70-3	11.5 U	11.5	34.0	ug/kg dry
Fluoranthene	206-44-0	9.18 U	9.18	34.0	ug/kg dry
Fluorene	86-73-7	6.49 U	6.49	34.0	ug/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	12.0 U	12.0	34.0	ug/kg dry
Naphthalene	91-20-3	**275**	12.6	34.0	ug/kg dry
Phenanthrene	85-01-8	7.11 U	7.11	34.0	ug/kg dry
Pyrene	129-00-0	9.18 U	9.18	34.0	ug/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	1570	1720	91 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID: JAX-PCA25-SB41-501
Lab #: B600253-05

Project: PCA 25 and Hawkins UST
Work Order #: B600253
Matrix: Soil

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
% Solids	NA	97.0	0.1	0.1	% by Weight	% Calculation	% Solids	6A26011

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB42-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-06	Work Order #:	B600253
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/26/06 By: ds	Unit:	ug/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	100
Anal. Batch:		Percent Solids:	84.00
QC Batch:	6A12013		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1-Trichloroethane	71-55-6	12.4 U, D	12.4	124	ug/kg dry
1,1,2,2-Tetrachloroethane	79-34-5	24.8 U, D	24.8	24.8	ug/kg dry
1,1,2-Trichloroethane	79-00-5	24.8 U, D	24.8	124	ug/kg dry
1,1-Dichloroethane	75-34-3	24.8 U, D	24.8	124	ug/kg dry
1,1-Dichloroethene	75-35-4	24.8 U, D	24.8	124	ug/kg dry
1,2-Dichlorobenzene	95-50-1	24.8 U, D	24.8	124	ug/kg dry
1,2-Dichloroethane	107-06-2	12.4 U, D	12.4	124	ug/kg dry
1,2-Dichloropropane	78-87-5	12.4 U, D	12.4	124	ug/kg dry
1,3-Dichlorobenzene	541-73-1	24.8 U, D	24.8	124	ug/kg dry
1,4-Dichlorobenzene	106-46-7	12.4 U, D	12.4	124	ug/kg dry
Benzene	71-43-2	**86.8** I, D	12.4	124	ug/kg dry
Bromodichloromethane	75-27-4	12.4 U, D	12.4	49.6	ug/kg dry
Bromoform	75-25-2	24.8 U, D	24.8	124	ug/kg dry
Bromomethane	74-83-9	86.8 U, D	86.8	124	ug/kg dry
Carbon tetrachloride	56-23-5	24.8 U, D	24.8	124	ug/kg dry
Chlorobenzene	108-90-7	**250** D	12.4	124	ug/kg dry
Chloroethane	75-00-3	49.6 U, D	49.6	124	ug/kg dry
Chloroform	67-66-3	12.4 U, D	12.4	124	ug/kg dry
Chloromethane	74-87-3	37.2 U, D	37.2	124	ug/kg dry
cis-1,2-Dichloroethene	156-59-2	24.8 U, D	24.8	124	ug/kg dry
cis-1,3-Dichloropropene	10061-01-5	24.8 U, D	24.8	24.8	ug/kg dry
Dibromochloromethane	124-48-1	24.8 U, D	24.8	24.8	ug/kg dry
Dichlorodifluoromethane	75-71-8	37.2 U, D	37.2	124	ug/kg dry
Ethylbenzene	100-41-4	**3100** D	24.8	124	ug/kg dry
m,p-Xylenes	108-38-3/106-42-3	**2520** D	37.2	248	ug/kg dry
Methylene chloride	75-09-2	**361** O-01, D, B	62.0	248	ug/kg dry
Methyl-tert-Butyl Ether	1634-04-4	12.4 U, D	12.4	124	ug/kg dry
o-Xylene	95-47-6	12.4 U, D	12.4	124	ug/kg dry
Tetrachloroethene	127-18-4	99.2 U, D	99.2	124	ug/kg dry
Toluene	108-88-3	**27.3** I, D	24.8	124	ug/kg dry
trans-1,2-Dichloroethene	156-60-5	37.2 U, D	37.2	124	ug/kg dry
trans-1,3-Dichloropropene	10061-02-6	24.8 U, D	24.8	24.8	ug/kg dry
Trichloroethene	79-01-6	12.4 U, D	12.4	124	ug/kg dry
Trichlorofluoromethane	75-69-4	49.6 U, D	49.6	124	ug/kg dry
Vinyl chloride	75-01-4	37.2 U, D	37.2	124	ug/kg dry

Surrogate Recovery	Result	Spike Level	% Recovery	% Recovery Limits

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB42-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-06	Work Order #:	B600253
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/26/06 By: ds	Unit:	ug/kg
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	84.00
QC Batch:	6A12013		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results		MDL	MRL	Units

Surrogate Recovery		Result		Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	81.5	S-GC	50.0	163 %	60-130
Dibromofluoromethane	1868-53-7	54.9		50.0	110 %	66-131
Toluene-d8	2037-26-5	49.5		50.0	99 %	67-139
Toluene-d8	2037-26-5	49.5		50.0	99 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB42-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-06	Work Order #:	B600253
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	01/30/06 By: rw	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	50
Anal. Batch:		Percent Solids:	84.00
QC Batch:	6A26001		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
C8-C40	NA	**3550** D	334	393	mg/kg dry

Surrogate Recovery		Result		Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	0.00	S-04, U	3.97	%	29-145
o-Terphenyl	84-15-1	0.00	S-04, U	1.98	%	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB42-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-06	Work Order #:	B600253
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	02/03/06 By: jj	Unit:	ug/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	10
Anal. Batch:		Percent Solids:	84.00
QC Batch:	6A25009		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	**4680** D	126	393	ug/kg dry
2-Methylnaphthalene	91-57-6	**5160** D	118	393	ug/kg dry
Acenaphthene	83-32-9	**83.3**	8.64	39.3	ug/kg dry
Acenaphthylene	208-96-8	12.6 U	12.6	39.3	ug/kg dry
Anthracene	120-12-7	8.21 U	8.21	39.3	ug/kg dry
Benzo(a)anthracene	56-55-3	8.21 U	8.21	39.3	ug/kg dry
Benzo(a)pyrene	50-32-8	8.21 U	8.21	39.3	ug/kg dry
Benzo(b)fluoranthene	205-99-2	6.34 U	6.34	39.3	ug/kg dry
Benzo(g,h,i)perylene	191-24-2	12.1 U	12.1	39.3	ug/kg dry
Benzo(k)fluoranthene	207-08-9	8.21 U	8.21	39.3	ug/kg dry
Chrysene	218-01-9	8.69 U	8.69	39.3	ug/kg dry
Dibenzo(a,h)anthracene	53-70-3	13.3 U	13.3	39.3	ug/kg dry
Fluoranthene	206-44-0	**23.8** I	10.6	39.3	ug/kg dry
Fluorene	86-73-7	**131**	7.50	39.3	ug/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	13.8 U	13.8	39.3	ug/kg dry
Naphthalene	91-20-3	**2340** D	145	393	ug/kg dry
Phenanthrene	85-01-8	**87.3**	8.21	39.3	ug/kg dry
Pyrene	129-00-0	**27.8** I	10.6	39.3	ug/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	1690	1980	85 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID: JAX-PCA25-SB42-503
Lab #: B600253-06

Project: PCA 25 and Hawkins UST
Work Order #: B600253
Matrix: Soil

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
% Solids	NA	84.0	0.1	0.1	% by Weight	% Calculation	% Solids	6A26011

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB43-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-07	Work Order #:	B600253
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/23/06 By: JDB	Unit:	ug/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	77.00
QC Batch:	6A25015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1-Trichloroethane	71-55-6	0.118 U, D	0.118	1.18	ug/kg dry
1,1,2,2-Tetrachloroethane	79-34-5	0.235 U, D	0.235	0.235	ug/kg dry
1,1,2-Trichloroethane	79-00-5	0.235 U, D	0.235	1.18	ug/kg dry
1,1-Dichloroethane	75-34-3	0.235 U, D	0.235	1.18	ug/kg dry
1,1-Dichloroethene	75-35-4	0.235 U, D	0.235	1.18	ug/kg dry
1,2-Dichlorobenzene	95-50-1	0.235 U, D	0.235	1.18	ug/kg dry
1,2-Dichloroethane	107-06-2	0.118 U, D	0.118	1.18	ug/kg dry
1,2-Dichloropropane	78-87-5	0.118 U, D	0.118	1.18	ug/kg dry
1,3-Dichlorobenzene	541-73-1	0.235 U, D	0.235	1.18	ug/kg dry
1,4-Dichlorobenzene	106-46-7	0.118 U, D	0.118	1.18	ug/kg dry
Benzene	71-43-2	0.118 U, D	0.118	1.18	ug/kg dry
Bromodichloromethane	75-27-4	0.118 U, D	0.118	0.471	ug/kg dry
Bromoform	75-25-2	0.235 U, D	0.235	1.18	ug/kg dry
Bromomethane	74-83-9	0.823 U, D	0.823	1.18	ug/kg dry
Carbon tetrachloride	56-23-5	0.235 U, D	0.235	1.18	ug/kg dry
Chlorobenzene	108-90-7	0.118 U, D	0.118	1.18	ug/kg dry
Chloroethane	75-00-3	0.471 U, D	0.471	1.18	ug/kg dry
Chloroform	67-66-3	0.118 U, D	0.118	1.18	ug/kg dry
Chloromethane	74-87-3	0.353 U, D	0.353	1.18	ug/kg dry
cis-1,2-Dichloroethene	156-59-2	0.235 U, D	0.235	1.18	ug/kg dry
cis-1,3-Dichloropropene	10061-01-5	0.235 U, D	0.235	0.235	ug/kg dry
Dibromochloromethane	124-48-1	0.235 U, D	0.235	0.235	ug/kg dry
Dichlorodifluoromethane	75-71-8	0.353 U, D	0.353	1.18	ug/kg dry
Ethylbenzene	100-41-4	0.235 U, D	0.235	1.18	ug/kg dry
m,p-Xylenes	108-38-3/106-42-3	0.353 U, D	0.353	2.35	ug/kg dry
Methylene chloride	75-09-2	**16.2** O-01, D, B	0.588	2.35	ug/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.118 U, D	0.118	1.18	ug/kg dry
o-Xylene	95-47-6	0.118 U, D	0.118	1.18	ug/kg dry
Tetrachloroethene	127-18-4	0.941 U, D	0.941	1.18	ug/kg dry
Toluene	108-88-3	**0.882** I, D	0.235	1.18	ug/kg dry
trans-1,2-Dichloroethene	156-60-5	0.353 U, D	0.353	1.18	ug/kg dry
trans-1,3-Dichloropropene	10061-02-6	0.235 U, D	0.235	0.235	ug/kg dry
Trichloroethene	79-01-6	0.118 U, D	0.118	1.18	ug/kg dry
Trichlorofluoromethane	75-69-4	0.471 U, D	0.471	1.18	ug/kg dry
Vinyl chloride	75-01-4	0.353 U, D	0.353	1.18	ug/kg dry

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB43-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-07	Work Order #:	B600253
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/23/06 By: JDB	Unit:	ug/kg
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	77.00
QC Batch:	6A25015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	53.6	50.0	107 %	60-130
Dibromofluoromethane	1868-53-7	36.5	50.0	73 %	66-131
Toluene-d8	2037-26-5	46.9	50.0	94 %	67-139
Toluene-d8	2037-26-5	46.9	50.0	94 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB43-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-07	Work Order #:	B600253
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	01/27/06 By: jbh	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	1
Anal. Batch:		Percent Solids:	77.00
QC Batch:	6A26001		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
C8-C40	NA	7.29 U	7.29	8.57	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	4.01	4.33	93 %	29-145
o-Terphenyl	84-15-1	1.79	2.16	83 %	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB43-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-07	Work Order #:	B600253
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	02/02/06 By: jj	Unit:	ug/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:		Percent Solids:	77.00
QC Batch:	6A25009		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	**26.0** I	13.8	42.9	ug/kg dry
2-Methylnaphthalene	91-57-6	**26.0** I	12.9	42.9	ug/kg dry
Acenaphthene	83-32-9	9.43 U	9.43	42.9	ug/kg dry
Acenaphthylene	208-96-8	13.8 U	13.8	42.9	ug/kg dry
Anthracene	120-12-7	8.96 U	8.96	42.9	ug/kg dry
Benzo(a)anthracene	56-55-3	8.96 U	8.96	42.9	ug/kg dry
Benzo(a)pyrene	50-32-8	8.96 U	8.96	42.9	ug/kg dry
Benzo(b)fluoranthene	205-99-2	6.92 U	6.92	42.9	ug/kg dry
Benzo(g,h,i)perylene	191-24-2	13.2 U	13.2	42.9	ug/kg dry
Benzo(k)fluoranthene	207-08-9	8.96 U	8.96	42.9	ug/kg dry
Chrysene	218-01-9	9.48 U	9.48	42.9	ug/kg dry
Dibenzo(a,h)anthracene	53-70-3	14.5 U	14.5	42.9	ug/kg dry
Fluoranthene	206-44-0	11.6 U	11.6	42.9	ug/kg dry
Fluorene	86-73-7	8.18 U	8.18	42.9	ug/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	15.1 U	15.1	42.9	ug/kg dry
Naphthalene	91-20-3	15.8 U	15.8	42.9	ug/kg dry
Phenanthrene	85-01-8	8.96 U	8.96	42.9	ug/kg dry
Pyrene	129-00-0	11.6 U	11.6	42.9	ug/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	1900	2160	88 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID: JAX-PCA25-SB43-503
Lab #: B600253-07

Project: PCA 25 and Hawkins UST
Work Order #: B600253
Matrix: Soil

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
% Solids	NA	77.0	0.1	0.1	% by Weight	% Calculation	% Solids	6A26011

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB45-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-08	Work Order #:	B600253
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/23/06 By: JDB	Unit:	ug/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	81.00
QC Batch:	6A25015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1-Trichloroethane	71-55-6	0.106 U, D	0.106	1.06	ug/kg dry
1,1,2,2-Tetrachloroethane	79-34-5	0.212 U, D	0.212	0.212	ug/kg dry
1,1,2-Trichloroethane	79-00-5	0.212 U, D	0.212	1.06	ug/kg dry
1,1-Dichloroethane	75-34-3	0.212 U, D	0.212	1.06	ug/kg dry
1,1-Dichloroethene	75-35-4	0.212 U, D	0.212	1.06	ug/kg dry
1,2-Dichlorobenzene	95-50-1	0.212 U, D	0.212	1.06	ug/kg dry
1,2-Dichloroethane	107-06-2	0.106 U, D	0.106	1.06	ug/kg dry
1,2-Dichloropropane	78-87-5	0.106 U, D	0.106	1.06	ug/kg dry
1,3-Dichlorobenzene	541-73-1	0.212 U, D	0.212	1.06	ug/kg dry
1,4-Dichlorobenzene	106-46-7	0.106 U, D	0.106	1.06	ug/kg dry
Benzene	71-43-2	0.106 U, D	0.106	1.06	ug/kg dry
Bromodichloromethane	75-27-4	0.106 U, D	0.106	0.425	ug/kg dry
Bromoform	75-25-2	0.212 U, D	0.212	1.06	ug/kg dry
Bromomethane	74-83-9	0.744 U, D	0.744	1.06	ug/kg dry
Carbon tetrachloride	56-23-5	0.212 U, D	0.212	1.06	ug/kg dry
Chlorobenzene	108-90-7	0.106 U, D	0.106	1.06	ug/kg dry
Chloroethane	75-00-3	0.425 U, D	0.425	1.06	ug/kg dry
Chloroform	67-66-3	0.106 U, D	0.106	1.06	ug/kg dry
Chloromethane	74-87-3	0.319 U, D	0.319	1.06	ug/kg dry
cis-1,2-Dichloroethene	156-59-2	0.212 U, D	0.212	1.06	ug/kg dry
cis-1,3-Dichloropropene	10061-01-5	0.212 U, D	0.212	0.212	ug/kg dry
Dibromochloromethane	124-48-1	0.212 U, D	0.212	0.212	ug/kg dry
Dichlorodifluoromethane	75-71-8	0.319 U, D	0.319	1.06	ug/kg dry
Ethylbenzene	100-41-4	0.212 U, D	0.212	1.06	ug/kg dry
m,p-Xylenes	108-38-3/106-42-3	0.319 U, D	0.319	2.12	ug/kg dry
Methylene chloride	75-09-2	**14.1** O-01, D, B	0.531	2.12	ug/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.106 U, D	0.106	1.06	ug/kg dry
o-Xylene	95-47-6	0.106 U, D	0.106	1.06	ug/kg dry
Tetrachloroethene	127-18-4	0.850 U, D	0.850	1.06	ug/kg dry
Toluene	108-88-3	**0.552** I, D	0.212	1.06	ug/kg dry
trans-1,2-Dichloroethene	156-60-5	0.319 U, D	0.319	1.06	ug/kg dry
trans-1,3-Dichloropropene	10061-02-6	0.212 U, D	0.212	0.212	ug/kg dry
Trichloroethene	79-01-6	0.106 U, D	0.106	1.06	ug/kg dry
Trichlorofluoromethane	75-69-4	0.425 U, D	0.425	1.06	ug/kg dry
Vinyl chloride	75-01-4	0.319 U, D	0.319	1.06	ug/kg dry

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB45-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-08	Work Order #:	B600253
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/23/06 By: JDB	Unit:	ug/kg
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	81.00
QC Batch:	6A25015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	50.9	50.0	102 %	60-130
Dibromofluoromethane	1868-53-7	41.4	50.0	83 %	66-131
Toluene-d8	2037-26-5	48.8	50.0	98 %	67-139
Toluene-d8	2037-26-5	48.8	50.0	98 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB45-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-08	Work Order #:	B600253
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	01/27/06 By: jbh	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	1
Anal. Batch:		Percent Solids:	81.00
QC Batch:	6A26001		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
C8-C40	NA	6.93 U	6.93	8.15	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	4.05	4.12	98 %	29-145
o-Terphenyl	84-15-1	1.99	2.06	97 %	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB45-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-08	Work Order #:	B600253
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	02/02/06 By: jj	Unit:	ug/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:		Percent Solids:	81.00
QC Batch:	6A25009		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	13.1 U	13.1	40.7	ug/kg dry
2-Methylnaphthalene	91-57-6	12.2 U	12.2	40.7	ug/kg dry
Acenaphthene	83-32-9	8.96 U	8.96	40.7	ug/kg dry
Acenaphthylene	208-96-8	13.1 U	13.1	40.7	ug/kg dry
Anthracene	120-12-7	8.52 U	8.52	40.7	ug/kg dry
Benzo(a)anthracene	56-55-3	8.52 U	8.52	40.7	ug/kg dry
Benzo(a)pyrene	50-32-8	8.52 U	8.52	40.7	ug/kg dry
Benzo(b)fluoranthene	205-99-2	6.58 U	6.58	40.7	ug/kg dry
Benzo(g,h,i)perylene	191-24-2	12.6 U	12.6	40.7	ug/kg dry
Benzo(k)fluoranthene	207-08-9	8.52 U	8.52	40.7	ug/kg dry
Chrysene	218-01-9	9.01 U	9.01	40.7	ug/kg dry
Dibenzo(a,h)anthracene	53-70-3	13.8 U	13.8	40.7	ug/kg dry
Fluoranthene	206-44-0	11.0 U	11.0	40.7	ug/kg dry
Fluorene	86-73-7	7.78 U	7.78	40.7	ug/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	14.3 U	14.3	40.7	ug/kg dry
Naphthalene	91-20-3	15.1 U	15.1	40.7	ug/kg dry
Phenanthrene	85-01-8	8.52 U	8.52	40.7	ug/kg dry
Pyrene	129-00-0	11.0 U	11.0	40.7	ug/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	2000	2060	97 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID: JAX-PCA25-SB45-503
Lab #: B600253-08

Project: PCA 25 and Hawkins UST
Work Order #: B600253
Matrix: Soil

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
% Solids	NA	81.0	0.1	0.1	% by Weight	% Calculation	% Solids	6A26011

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB44-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-09	Work Order #:	B600253
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/23/06 By: JDB	Unit:	ug/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	78.00
QC Batch:	6A25015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1-Trichloroethane	71-55-6	0.126 U, D	0.126	1.26	ug/kg dry
1,1,2,2-Tetrachloroethane	79-34-5	0.252 U, D	0.252	0.252	ug/kg dry
1,1,2-Trichloroethane	79-00-5	0.252 U, D	0.252	1.26	ug/kg dry
1,1-Dichloroethane	75-34-3	0.252 U, D	0.252	1.26	ug/kg dry
1,1-Dichloroethene	75-35-4	0.252 U, D	0.252	1.26	ug/kg dry
1,2-Dichlorobenzene	95-50-1	0.252 U, D	0.252	1.26	ug/kg dry
1,2-Dichloroethane	107-06-2	0.126 U, D	0.126	1.26	ug/kg dry
1,2-Dichloropropane	78-87-5	0.126 U, D	0.126	1.26	ug/kg dry
1,3-Dichlorobenzene	541-73-1	0.252 U, D	0.252	1.26	ug/kg dry
1,4-Dichlorobenzene	106-46-7	0.126 U, D	0.126	1.26	ug/kg dry
Benzene	71-43-2	0.126 U, D	0.126	1.26	ug/kg dry
Bromodichloromethane	75-27-4	0.126 U, D	0.126	0.505	ug/kg dry
Bromoform	75-25-2	0.252 U, D	0.252	1.26	ug/kg dry
Bromomethane	74-83-9	0.883 U, D	0.883	1.26	ug/kg dry
Carbon tetrachloride	56-23-5	0.252 U, D	0.252	1.26	ug/kg dry
Chlorobenzene	108-90-7	0.126 U, D	0.126	1.26	ug/kg dry
Chloroethane	75-00-3	0.505 U, D	0.505	1.26	ug/kg dry
Chloroform	67-66-3	0.126 U, D	0.126	1.26	ug/kg dry
Chloromethane	74-87-3	0.379 U, D	0.379	1.26	ug/kg dry
cis-1,2-Dichloroethene	156-59-2	0.252 U, D	0.252	1.26	ug/kg dry
cis-1,3-Dichloropropene	10061-01-5	0.252 U, D	0.252	0.252	ug/kg dry
Dibromochloromethane	124-48-1	0.252 U, D	0.252	0.252	ug/kg dry
Dichlorodifluoromethane	75-71-8	0.379 U, D	0.379	1.26	ug/kg dry
Ethylbenzene	100-41-4	0.252 U, D	0.252	1.26	ug/kg dry
m,p-Xylenes	108-38-3/106-42-3	0.379 U, D	0.379	2.52	ug/kg dry
Methylene chloride	75-09-2	**15.0** O-01, D, B	0.631	2.52	ug/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.126 U, D	0.126	1.26	ug/kg dry
o-Xylene	95-47-6	0.126 U, D	0.126	1.26	ug/kg dry
Tetrachloroethene	127-18-4	1.01 U, D	1.01	1.26	ug/kg dry
Toluene	108-88-3	0.252 U, D	0.252	1.26	ug/kg dry
trans-1,2-Dichloroethene	156-60-5	0.379 U, D	0.379	1.26	ug/kg dry
trans-1,3-Dichloropropene	10061-02-6	0.252 U, D	0.252	0.252	ug/kg dry
Trichloroethene	79-01-6	0.126 U, D	0.126	1.26	ug/kg dry
Trichlorofluoromethane	75-69-4	0.505 U, D	0.505	1.26	ug/kg dry
Vinyl chloride	75-01-4	0.379 U, D	0.379	1.26	ug/kg dry

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB44-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-09	Work Order #:	B600253
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/23/06 By: JDB	Unit:	ug/kg
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	78.00
QC Batch:	6A25015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	51.2	50.0	102 %	60-130
Dibromofluoromethane	1868-53-7	36.5	50.0	73 %	66-131
Toluene-d8	2037-26-5	46.2	50.0	92 %	67-139
Toluene-d8	2037-26-5	46.2	50.0	92 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB44-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-09	Work Order #:	B600253
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	01/30/06 By: rw	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	1
Anal. Batch:		Percent Solids:	78.00
QC Batch:	6A26001		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
C8-C40	NA	7.19 U	7.19	8.46	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	2.86	4.27	67 %	29-145
o-Terphenyl	84-15-1	2.10	2.14	98 %	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB44-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-09	Work Order #:	B600253
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	02/02/06 By: jj	Unit:	ug/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:		Percent Solids:	78.00
QC Batch:	6A25009		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	13.6 U	13.6	42.3	ug/kg dry
2-Methylnaphthalene	91-57-6	12.7 U	12.7	42.3	ug/kg dry
Acenaphthene	83-32-9	9.31 U	9.31	42.3	ug/kg dry
Acenaphthylene	208-96-8	13.6 U	13.6	42.3	ug/kg dry
Anthracene	120-12-7	8.85 U	8.85	42.3	ug/kg dry
Benzo(a)anthracene	56-55-3	8.85 U	8.85	42.3	ug/kg dry
Benzo(a)pyrene	50-32-8	8.85 U	8.85	42.3	ug/kg dry
Benzo(b)fluoranthene	205-99-2	6.83 U	6.83	42.3	ug/kg dry
Benzo(g,h,i)perylene	191-24-2	13.1 U	13.1	42.3	ug/kg dry
Benzo(k)fluoranthene	207-08-9	8.85 U	8.85	42.3	ug/kg dry
Chrysene	218-01-9	9.36 U	9.36	42.3	ug/kg dry
Dibenzo(a,h)anthracene	53-70-3	14.4 U	14.4	42.3	ug/kg dry
Fluoranthene	206-44-0	11.4 U	11.4	42.3	ug/kg dry
Fluorene	86-73-7	8.08 U	8.08	42.3	ug/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	14.9 U	14.9	42.3	ug/kg dry
Naphthalene	91-20-3	15.6 U	15.6	42.3	ug/kg dry
Phenanthrene	85-01-8	8.85 U	8.85	42.3	ug/kg dry
Pyrene	129-00-0	11.4 U	11.4	42.3	ug/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	1770	2140	83 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID: JAX-PCA25-SB44-503
Lab #: B600253-09

Project: PCA 25 and Hawkins UST
Work Order #: B600253
Matrix: Soil

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
% Solids	NA	78.0	0.1	0.1	% by Weight	% Calculation	% Solids	6A26011

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB46-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-10	Work Order #:	B600253
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/23/06 By: JDB	Unit:	ug/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	87.00
QC Batch:	6A25015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1-Trichloroethane	71-55-6	0.119 U, D	0.119	1.19	ug/kg dry
1,1,2,2-Tetrachloroethane	79-34-5	0.239 U, D	0.239	0.239	ug/kg dry
1,1,2-Trichloroethane	79-00-5	0.239 U, D	0.239	1.19	ug/kg dry
1,1-Dichloroethane	75-34-3	0.239 U, D	0.239	1.19	ug/kg dry
1,1-Dichloroethene	75-35-4	0.239 U, D	0.239	1.19	ug/kg dry
1,2-Dichlorobenzene	95-50-1	0.239 U, D	0.239	1.19	ug/kg dry
1,2-Dichloroethane	107-06-2	0.119 U, D	0.119	1.19	ug/kg dry
1,2-Dichloropropane	78-87-5	0.119 U, D	0.119	1.19	ug/kg dry
1,3-Dichlorobenzene	541-73-1	0.239 U, D	0.239	1.19	ug/kg dry
1,4-Dichlorobenzene	106-46-7	0.119 U, D	0.119	1.19	ug/kg dry
Benzene	71-43-2	0.119 U, D	0.119	1.19	ug/kg dry
Bromodichloromethane	75-27-4	0.119 U, D	0.119	0.478	ug/kg dry
Bromoform	75-25-2	0.239 U, D	0.239	1.19	ug/kg dry
Bromomethane	74-83-9	0.836 U, D	0.836	1.19	ug/kg dry
Carbon tetrachloride	56-23-5	0.239 U, D	0.239	1.19	ug/kg dry
Chlorobenzene	108-90-7	0.119 U, D	0.119	1.19	ug/kg dry
Chloroethane	75-00-3	0.478 U, D	0.478	1.19	ug/kg dry
Chloroform	67-66-3	0.119 U, D	0.119	1.19	ug/kg dry
Chloromethane	74-87-3	0.358 U, D	0.358	1.19	ug/kg dry
cis-1,2-Dichloroethene	156-59-2	0.239 U, D	0.239	1.19	ug/kg dry
cis-1,3-Dichloropropene	10061-01-5	0.239 U, D	0.239	0.239	ug/kg dry
Dibromochloromethane	124-48-1	0.239 U, D	0.239	0.239	ug/kg dry
Dichlorodifluoromethane	75-71-8	0.358 U, D	0.358	1.19	ug/kg dry
Ethylbenzene	100-41-4	0.239 U, D	0.239	1.19	ug/kg dry
m,p-Xylenes	108-38-3/106-42-3	0.358 U, D	0.358	2.39	ug/kg dry
Methylene chloride	75-09-2	**7.49** O-01, D, B	0.597	2.39	ug/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.119 U, D	0.119	1.19	ug/kg dry
o-Xylene	95-47-6	0.119 U, D	0.119	1.19	ug/kg dry
Tetrachloroethene	127-18-4	0.956 U, D	0.956	1.19	ug/kg dry
Toluene	108-88-3	0.239 U, D	0.239	1.19	ug/kg dry
trans-1,2-Dichloroethene	156-60-5	0.358 U, D	0.358	1.19	ug/kg dry
trans-1,3-Dichloropropene	10061-02-6	0.239 U, D	0.239	0.239	ug/kg dry
Trichloroethene	79-01-6	0.119 U, D	0.119	1.19	ug/kg dry
Trichlorofluoromethane	75-69-4	0.478 U, D	0.478	1.19	ug/kg dry
Vinyl chloride	75-01-4	0.358 U, D	0.358	1.19	ug/kg dry

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB46-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-10	Work Order #:	B600253
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/23/06 By: JDB	Unit:	ug/kg
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	87.00
QC Batch:	6A25015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	53.1	50.0	106 %	60-130
Dibromofluoromethane	1868-53-7	39.4	50.0	79 %	66-131
Toluene-d8	2037-26-5	47.5	50.0	95 %	67-139
Toluene-d8	2037-26-5	47.5	50.0	95 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB46-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-10	Work Order #:	B600253
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	01/27/06 By: jbh	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	1
Anal. Batch:		Percent Solids:	87.00
QC Batch:	6A26001		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
C8-C40	NA	**27.6**	6.45	7.59	mg/kg dry

Surrogate Recovery		Result		Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	4.95		3.83	129 %	29-145
o-Terphenyl	84-15-1	2.81	S-04	1.92	146 %	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB46-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-10	Work Order #:	B600253
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	02/02/06 By: jj	Unit:	ug/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:		Percent Solids:	87.00
QC Batch:	6A25009		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	12.2 U	12.2	37.9	ug/kg dry
2-Methylnaphthalene	91-57-6	11.4 U	11.4	37.9	ug/kg dry
Acenaphthene	83-32-9	8.34 U	8.34	37.9	ug/kg dry
Acenaphthylene	208-96-8	12.2 U	12.2	37.9	ug/kg dry
Anthracene	120-12-7	7.93 U	7.93	37.9	ug/kg dry
Benzo(a)anthracene	56-55-3	**26.8** I	7.93	37.9	ug/kg dry
Benzo(a)pyrene	50-32-8	7.93 U	7.93	37.9	ug/kg dry
Benzo(b)fluoranthene	205-99-2	**303**	6.12	37.9	ug/kg dry
Benzo(g,h,i)perylene	191-24-2	**42.1**	11.7	37.9	ug/kg dry
Benzo(k)fluoranthene	207-08-9	**138**	7.93	37.9	ug/kg dry
Chrysene	218-01-9	**153**	8.39	37.9	ug/kg dry
Dibenzo(a,h)anthracene	53-70-3	**23.0** I	12.9	37.9	ug/kg dry
Fluoranthene	206-44-0	**38.3**	10.2	37.9	ug/kg dry
Fluorene	86-73-7	7.24 U	7.24	37.9	ug/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	**65.1**	13.3	37.9	ug/kg dry
Naphthalene	91-20-3	14.0 U	14.0	37.9	ug/kg dry
Phenanthrene	85-01-8	7.93 U	7.93	37.9	ug/kg dry
Pyrene	129-00-0	**199**	10.2	37.9	ug/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	1810	1920	94 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID: JAX-PCA25-SB46-503
Lab #: B600253-10

Project: PCA 25 and Hawkins UST
Work Order #: B600253
Matrix: Soil

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
% Solids	NA	87.0	0.1	0.1	% by Weight	% Calculation	% Solids	6A26011

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB47-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-11	Work Order #:	B600253
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/26/06 By: ds	Unit:	ug/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	100
Anal. Batch:		Percent Solids:	84.00
QC Batch:	6A12013		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1-Trichloroethane	71-55-6	12.0 U, D	12.0	120	ug/kg dry
1,1,2,2-Tetrachloroethane	79-34-5	24.0 U, D	24.0	24.0	ug/kg dry
1,1,2-Trichloroethane	79-00-5	24.0 U, D	24.0	120	ug/kg dry
1,1-Dichloroethane	75-34-3	24.0 U, D	24.0	120	ug/kg dry
1,1-Dichloroethene	75-35-4	24.0 U, D	24.0	120	ug/kg dry
1,2-Dichlorobenzene	95-50-1	24.0 U, D	24.0	120	ug/kg dry
1,2-Dichloroethane	107-06-2	12.0 U, D	12.0	120	ug/kg dry
1,2-Dichloropropane	78-87-5	12.0 U, D	12.0	120	ug/kg dry
1,3-Dichlorobenzene	541-73-1	24.0 U, D	24.0	120	ug/kg dry
1,4-Dichlorobenzene	106-46-7	12.0 U, D	12.0	120	ug/kg dry
Benzene	71-43-2	12.0 U, D	12.0	120	ug/kg dry
Bromodichloromethane	75-27-4	12.0 U, D	12.0	48.0	ug/kg dry
Bromoform	75-25-2	24.0 U, D	24.0	120	ug/kg dry
Bromomethane	74-83-9	84.0 U, D	84.0	120	ug/kg dry
Carbon tetrachloride	56-23-5	24.0 U, D	24.0	120	ug/kg dry
Chlorobenzene	108-90-7	**2170** D	12.0	120	ug/kg dry
Chloroethane	75-00-3	48.0 U, D	48.0	120	ug/kg dry
Chloroform	67-66-3	12.0 U, D	12.0	120	ug/kg dry
Chloromethane	74-87-3	36.0 U, D	36.0	120	ug/kg dry
cis-1,2-Dichloroethene	156-59-2	24.0 U, D	24.0	120	ug/kg dry
cis-1,3-Dichloropropene	10061-01-5	24.0 U, D	24.0	24.0	ug/kg dry
Dibromochloromethane	124-48-1	24.0 U, D	24.0	24.0	ug/kg dry
Dichlorodifluoromethane	75-71-8	36.0 U, D	36.0	120	ug/kg dry
Ethylbenzene	100-41-4	**85.2** I, D	24.0	120	ug/kg dry
m,p-Xylenes	108-38-3/106-42-3	**128** I, D	36.0	240	ug/kg dry
Methylene chloride	75-09-2	**300** O-01, D, B	60.0	240	ug/kg dry
Methyl-tert-Butyl Ether	1634-04-4	12.0 U, D	12.0	120	ug/kg dry
o-Xylene	95-47-6	**33.6** I, D	12.0	120	ug/kg dry
Tetrachloroethene	127-18-4	96.0 U, D	96.0	120	ug/kg dry
Toluene	108-88-3	**36.0** I, D	24.0	120	ug/kg dry
trans-1,2-Dichloroethene	156-60-5	36.0 U, D	36.0	120	ug/kg dry
trans-1,3-Dichloropropene	10061-02-6	24.0 U, D	24.0	24.0	ug/kg dry
Trichloroethene	79-01-6	12.0 U, D	12.0	120	ug/kg dry
Trichlorofluoromethane	75-69-4	48.0 U, D	48.0	120	ug/kg dry
Vinyl chloride	75-01-4	36.0 U, D	36.0	120	ug/kg dry

Surrogate Recovery	Result	Spike Level	% Recovery	% Recovery Limits

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB47-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-11	Work Order #:	B600253
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/26/06 By: ds	Unit:	ug/kg
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	84.00
QC Batch:	6A12013		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	55.4	50.0	111 %	60-130
Dibromofluoromethane	1868-53-7	51.2	50.0	102 %	66-131
Toluene-d8	2037-26-5	35.5	50.0	71 %	67-139
Toluene-d8	2037-26-5	35.5	50.0	71 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB47-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-11	Work Order #:	B600253
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	02/02/06 By: rw	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	1
Anal. Batch:		Percent Solids:	84.00
QC Batch:	6A30003		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
C8-C40	NA	**183**	6.68	7.86	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	5.01	3.97	126 %	29-145
o-Terphenyl	84-15-1	2.31	1.98	117 %	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB47-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-11	Work Order #:	B600253
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	02/01/06 By: jj	Unit:	ug/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:		Percent Solids:	84.00
QC Batch:	6A27001		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	**155**	12.6	39.3	ug/kg dry
2-Methylnaphthalene	91-57-6	**210**	11.8	39.3	ug/kg dry
Acenaphthene	83-32-9	**325**	8.64	39.3	ug/kg dry
Acenaphthylene	208-96-8	12.6 U	12.6	39.3	ug/kg dry
Anthracene	120-12-7	**750**	8.21	39.3	ug/kg dry
Benzo(a)anthracene	56-55-3	**714**	8.21	39.3	ug/kg dry
Benzo(a)pyrene	50-32-8	**377**	8.21	39.3	ug/kg dry
Benzo(b)fluoranthene	205-99-2	**468**	6.34	39.3	ug/kg dry
Benzo(g,h,i)perylene	191-24-2	**167**	12.1	39.3	ug/kg dry
Benzo(k)fluoranthene	207-08-9	**202**	8.21	39.3	ug/kg dry
Chrysene	218-01-9	**726**	8.69	39.3	ug/kg dry
Dibenzo(a,h)anthracene	53-70-3	**47.6**	13.3	39.3	ug/kg dry
Fluoranthene	206-44-0	**2550**	10.6	39.3	ug/kg dry
Fluorene	86-73-7	**393**	7.50	39.3	ug/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	**159**	13.8	39.3	ug/kg dry
Naphthalene	91-20-3	**79.4**	14.5	39.3	ug/kg dry
Phenanthrene	85-01-8	**3110**	8.21	39.3	ug/kg dry
Pyrene	129-00-0	**1960**	10.6	39.3	ug/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	1450	1980	73 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID: JAX-PCA25-SB47-503
Lab #: B600253-11

Project: PCA 25 and Hawkins UST
Work Order #: B600253
Matrix: Soil

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
% Solids	NA	84.0	0.1	0.1	% by Weight	% Calculation	% Solids	6A26011

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB48-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-12	Work Order #:	B600253
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/18/06 By: JDB	Unit:	ug/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	82.00
QC Batch:	6A25015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1-Trichloroethane	71-55-6	0.110 U, D	0.110	1.10	ug/kg dry
1,1,2,2-Tetrachloroethane	79-34-5	0.221 U, D	0.221	0.221	ug/kg dry
1,1,2-Trichloroethane	79-00-5	0.221 U, D	0.221	1.10	ug/kg dry
1,1-Dichloroethane	75-34-3	0.221 U, D	0.221	1.10	ug/kg dry
1,1-Dichloroethene	75-35-4	0.221 U, D	0.221	1.10	ug/kg dry
1,2-Dichlorobenzene	95-50-1	0.221 U, D	0.221	1.10	ug/kg dry
1,2-Dichloroethane	107-06-2	0.110 U, D	0.110	1.10	ug/kg dry
1,2-Dichloropropane	78-87-5	0.110 U, D	0.110	1.10	ug/kg dry
1,3-Dichlorobenzene	541-73-1	0.221 U, D	0.221	1.10	ug/kg dry
1,4-Dichlorobenzene	106-46-7	0.110 U, D	0.110	1.10	ug/kg dry
Benzene	71-43-2	0.110 U, D	0.110	1.10	ug/kg dry
Bromodichloromethane	75-27-4	0.110 U, D	0.110	0.441	ug/kg dry
Bromoform	75-25-2	0.221 U, D	0.221	1.10	ug/kg dry
Bromomethane	74-83-9	0.772 U, D	0.772	1.10	ug/kg dry
Carbon tetrachloride	56-23-5	0.221 U, D	0.221	1.10	ug/kg dry
Chlorobenzene	108-90-7	0.110 U, D	0.110	1.10	ug/kg dry
Chloroethane	75-00-3	0.441 U, D	0.441	1.10	ug/kg dry
Chloroform	67-66-3	0.110 U, D	0.110	1.10	ug/kg dry
Chloromethane	74-87-3	0.331 U, D	0.331	1.10	ug/kg dry
cis-1,2-Dichloroethene	156-59-2	0.221 U, D	0.221	1.10	ug/kg dry
cis-1,3-Dichloropropene	10061-01-5	0.221 U, D	0.221	0.221	ug/kg dry
Dibromochloromethane	124-48-1	0.221 U, D	0.221	0.221	ug/kg dry
Dichlorodifluoromethane	75-71-8	0.331 U, D	0.331	1.10	ug/kg dry
Ethylbenzene	100-41-4	0.221 U, D	0.221	1.10	ug/kg dry
m,p-Xylenes	108-38-3/106-42-3	0.331 U, D	0.331	2.21	ug/kg dry
Methylene chloride	75-09-2	**13.1** O-01, D, B	0.551	2.21	ug/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.110 U, D	0.110	1.10	ug/kg dry
o-Xylene	95-47-6	0.110 U, D	0.110	1.10	ug/kg dry
Tetrachloroethene	127-18-4	0.882 U, D	0.882	1.10	ug/kg dry
Toluene	108-88-3	0.221 U, D	0.221	1.10	ug/kg dry
trans-1,2-Dichloroethene	156-60-5	0.331 U, D	0.331	1.10	ug/kg dry
trans-1,3-Dichloropropene	10061-02-6	0.221 U, D	0.221	0.221	ug/kg dry
Trichloroethene	79-01-6	0.110 U, D	0.110	1.10	ug/kg dry
Trichlorofluoromethane	75-69-4	0.441 U, D	0.441	1.10	ug/kg dry
Vinyl chloride	75-01-4	0.331 U, D	0.331	1.10	ug/kg dry

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB48-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-12	Work Order #:	B600253
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/18/06 By: JDB	Unit:	ug/kg
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	82.00
QC Batch:	6A25015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	49.8	50.0	100 %	60-130
Dibromofluoromethane	1868-53-7	49.2	50.0	98 %	66-131
Toluene-d8	2037-26-5	47.8	50.0	96 %	67-139
Toluene-d8	2037-26-5	47.8	50.0	96 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB48-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-12	Work Order #:	B600253
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	02/02/06 By: rw	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	1
Anal. Batch:		Percent Solids:	82.00
QC Batch:	6A30003		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
C8-C40	NA	**15.8**	6.84	8.05	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	5.75	4.07	141 %	29-145
o-Terphenyl	84-15-1	2.61	2.03	129 %	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB48-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-12	Work Order #:	B600253
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	02/01/06 By: jj	Unit:	ug/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:		Percent Solids:	82.00
QC Batch:	6A27001		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	12.9 U	12.9	40.2	ug/kg dry
2-Methylnaphthalene	91-57-6	12.1 U	12.1	40.2	ug/kg dry
Acenaphthene	83-32-9	8.85 U	8.85	40.2	ug/kg dry
Acenaphthylene	208-96-8	12.9 U	12.9	40.2	ug/kg dry
Anthracene	120-12-7	8.41 U	8.41	40.2	ug/kg dry
Benzo(a)anthracene	56-55-3	8.41 U	8.41	40.2	ug/kg dry
Benzo(a)pyrene	50-32-8	8.41 U	8.41	40.2	ug/kg dry
Benzo(b)fluoranthene	205-99-2	6.50 U	6.50	40.2	ug/kg dry
Benzo(g,h,i)perylene	191-24-2	12.4 U	12.4	40.2	ug/kg dry
Benzo(k)fluoranthene	207-08-9	8.41 U	8.41	40.2	ug/kg dry
Chrysene	218-01-9	8.90 U	8.90	40.2	ug/kg dry
Dibenzo(a,h)anthracene	53-70-3	13.7 U	13.7	40.2	ug/kg dry
Fluoranthene	206-44-0	10.9 U	10.9	40.2	ug/kg dry
Fluorene	86-73-7	7.68 U	7.68	40.2	ug/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	14.1 U	14.1	40.2	ug/kg dry
Naphthalene	91-20-3	14.9 U	14.9	40.2	ug/kg dry
Phenanthrene	85-01-8	8.41 U	8.41	40.2	ug/kg dry
Pyrene	129-00-0	10.9 U	10.9	40.2	ug/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	1350	2030	67 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID: JAX-PCA25-SB48-503
Lab #: B600253-12

Project: PCA 25 and Hawkins UST
Work Order #: B600253
Matrix: Soil

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
% Solids	NA	82.0	0.1	0.1	% by Weight	% Calculation	% Solids	6A26011

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB37-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-13	Work Order #:	B600253
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/18/06 By: JDB	Unit:	ug/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	92.00
QC Batch:	6A25015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1-Trichloroethane	71-55-6	0.104 U, D	0.104	1.04	ug/kg dry
1,1,2,2-Tetrachloroethane	79-34-5	0.208 U, D	0.208	0.208	ug/kg dry
1,1,2-Trichloroethane	79-00-5	0.208 U, D	0.208	1.04	ug/kg dry
1,1-Dichloroethane	75-34-3	0.208 U, D	0.208	1.04	ug/kg dry
1,1-Dichloroethene	75-35-4	0.208 U, D	0.208	1.04	ug/kg dry
1,2-Dichlorobenzene	95-50-1	0.208 U, D	0.208	1.04	ug/kg dry
1,2-Dichloroethane	107-06-2	0.104 U, D	0.104	1.04	ug/kg dry
1,2-Dichloropropane	78-87-5	0.104 U, D	0.104	1.04	ug/kg dry
1,3-Dichlorobenzene	541-73-1	0.208 U, D	0.208	1.04	ug/kg dry
1,4-Dichlorobenzene	106-46-7	0.104 U, D	0.104	1.04	ug/kg dry
Benzene	71-43-2	0.104 U, D	0.104	1.04	ug/kg dry
Bromodichloromethane	75-27-4	0.104 U, D	0.104	0.416	ug/kg dry
Bromoform	75-25-2	0.208 U, D	0.208	1.04	ug/kg dry
Bromomethane	74-83-9	0.727 U, D	0.727	1.04	ug/kg dry
Carbon tetrachloride	56-23-5	0.208 U, D	0.208	1.04	ug/kg dry
Chlorobenzene	108-90-7	0.104 U, D	0.104	1.04	ug/kg dry
Chloroethane	75-00-3	0.416 U, D	0.416	1.04	ug/kg dry
Chloroform	67-66-3	0.104 U, D	0.104	1.04	ug/kg dry
Chloromethane	74-87-3	0.312 U, D	0.312	1.04	ug/kg dry
cis-1,2-Dichloroethene	156-59-2	0.208 U, D	0.208	1.04	ug/kg dry
cis-1,3-Dichloropropene	10061-01-5	0.208 U, D	0.208	0.208	ug/kg dry
Dibromochloromethane	124-48-1	0.208 U, D	0.208	0.208	ug/kg dry
Dichlorodifluoromethane	75-71-8	0.312 U, D	0.312	1.04	ug/kg dry
Ethylbenzene	100-41-4	0.208 U, D	0.208	1.04	ug/kg dry
m,p-Xylenes	108-38-3/106-42-3	0.312 U, D	0.312	2.08	ug/kg dry
Methylene chloride	75-09-2	**11.2** O-01, D, B	0.520	2.08	ug/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.104 U, D	0.104	1.04	ug/kg dry
o-Xylene	95-47-6	0.104 U, D	0.104	1.04	ug/kg dry
Tetrachloroethene	127-18-4	0.831 U, D	0.831	1.04	ug/kg dry
Toluene	108-88-3	0.208 U, D	0.208	1.04	ug/kg dry
trans-1,2-Dichloroethene	156-60-5	0.312 U, D	0.312	1.04	ug/kg dry
trans-1,3-Dichloropropene	10061-02-6	0.208 U, D	0.208	0.208	ug/kg dry
Trichloroethene	79-01-6	0.104 U, D	0.104	1.04	ug/kg dry
Trichlorofluoromethane	75-69-4	0.416 U, D	0.416	1.04	ug/kg dry
Vinyl chloride	75-01-4	0.312 U, D	0.312	1.04	ug/kg dry

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB37-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-13	Work Order #:	B600253
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	01/18/06 By: JDB	Unit:	ug/kg
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:		Percent Solids:	92.00
QC Batch:	6A25015		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	48.6	50.0	97 %	60-130
Dibromofluoromethane	1868-53-7	54.2	50.0	108 %	66-131
Toluene-d8	2037-26-5	49.7	50.0	99 %	67-139
Toluene-d8	2037-26-5	49.7	50.0	99 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB37-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-13	Work Order #:	B600253
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	02/01/06 By: rw	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	10
Anal. Batch:		Percent Solids:	92.00
QC Batch:	6A30003		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
C8-C40	NA	61.0 U, D	61.0	71.7	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	4.87	3.62	135 %	29-145
o-Terphenyl	84-15-1	1.72	1.81	95 %	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-SB37-503	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-13	Work Order #:	B600253
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	02/01/06 By: jj	Unit:	ug/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:		Percent Solids:	92.00
QC Batch:	6A27001		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	11.5 U	11.5	35.9	ug/kg dry
2-Methylnaphthalene	91-57-6	10.8 U	10.8	35.9	ug/kg dry
Acenaphthene	83-32-9	7.89 U	7.89	35.9	ug/kg dry
Acenaphthylene	208-96-8	11.5 U	11.5	35.9	ug/kg dry
Anthracene	120-12-7	7.50 U	7.50	35.9	ug/kg dry
Benzo(a)anthracene	56-55-3	**21.7** I	7.50	35.9	ug/kg dry
Benzo(a)pyrene	50-32-8	7.50 U	7.50	35.9	ug/kg dry
Benzo(b)fluoranthene	205-99-2	5.79 U	5.79	35.9	ug/kg dry
Benzo(g,h,i)perylene	191-24-2	11.1 U	11.1	35.9	ug/kg dry
Benzo(k)fluoranthene	207-08-9	7.50 U	7.50	35.9	ug/kg dry
Chrysene	218-01-9	7.93 U	7.93	35.9	ug/kg dry
Dibenzo(a,h)anthracene	53-70-3	12.2 U	12.2	35.9	ug/kg dry
Fluoranthene	206-44-0	9.67 U	9.67	35.9	ug/kg dry
Fluorene	86-73-7	6.85 U	6.85	35.9	ug/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	12.6 U	12.6	35.9	ug/kg dry
Naphthalene	91-20-3	13.3 U	13.3	35.9	ug/kg dry
Phenanthrene	85-01-8	7.50 U	7.50	35.9	ug/kg dry
Pyrene	129-00-0	9.67 U	9.67	35.9	ug/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	1270	1810	70 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID: JAX-PCA25-SB37-503
Lab #: B600253-13

Project: PCA 25 and Hawkins UST
Work Order #: B600253
Matrix: Soil

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	MDL	MRL	Units	Analysis Method	Prep Method	Analytical Batch
% Solids	NA	92.0	0.1	0.1	% by Weight	% Calculation	% Solids	6A26011

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-TB01-011706	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-14	Work Order #:	B600253
Prep. Method:	EPA 5030B_MS	Matrix:	Water
Analyzed:	01/19/06 By: DS	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6A18004		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1,1,1-Trichloroethane	71-55-6	0.300 U	0.300	1.00	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	0.200 U	0.200	0.200	ug/L
1,1,2-Trichloroethane	79-00-5	0.300 U	0.300	1.00	ug/L
1,1-Dichloroethane	75-34-3	0.200 U	0.200	1.00	ug/L
1,1-Dichloroethene	75-35-4	0.200 U	0.200	1.00	ug/L
1,2-Dichlorobenzene	95-50-1	0.200 U	0.200	1.00	ug/L
1,2-Dichloroethane	107-06-2	0.100 U	0.100	1.00	ug/L
1,2-Dichloropropane	78-87-5	0.400 U	0.400	1.00	ug/L
1,3-Dichlorobenzene	541-73-1	0.200 U	0.200	1.00	ug/L
1,4-Dichlorobenzene	106-46-7	0.100 U	0.100	1.00	ug/L
Benzene	71-43-2	0.200 U	0.200	1.00	ug/L
Bromodichloromethane	75-27-4	0.200 U	0.200	0.400	ug/L
Bromoform	75-25-2	0.200 U	0.200	1.00	ug/L
Bromomethane	74-83-9	0.600 U	0.600	1.00	ug/L
Carbon tetrachloride	56-23-5	0.300 U	0.300	1.00	ug/L
Chlorobenzene	108-90-7	0.200 U	0.200	1.00	ug/L
Chloroethane	75-00-3	0.300 U	0.300	1.00	ug/L
Chloroform	67-66-3	0.200 U	0.200	1.00	ug/L
Chloromethane	74-87-3	0.300 U	0.300	1.00	ug/L
cis-1,2-Dichloroethene	156-59-2	0.200 U	0.200	1.00	ug/L
cis-1,3-Dichloropropene	10061-01-5	0.100 U	0.100	0.200	ug/L
Dibromochloromethane	124-48-1	0.200 U	0.200	0.200	ug/L
Dichlorodifluoromethane	75-71-8	0.300 U	0.300	1.00	ug/L
Ethylbenzene	100-41-4	0.300 U	0.300	1.00	ug/L
m,p-Xylenes	108-38-3/106-42-3	0.300 U	0.300	2.00	ug/L
Methylene chloride	75-09-2	2.00 U	2.00	2.00	ug/L
Methyl-tert-Butyl Ether	1634-04-4	0.200 U	0.200	1.00	ug/L
o-Xylene	95-47-6	0.200 U	0.200	1.00	ug/L
Tetrachloroethene	127-18-4	0.300 U	0.300	1.00	ug/L
Toluene	108-88-3	0.200 U	0.200	1.00	ug/L
trans-1,2-Dichloroethene	156-60-5	0.200 U	0.200	1.00	ug/L
trans-1,3-Dichloropropene	10061-02-6	0.200 U	0.200	0.200	ug/L
Trichloroethene	79-01-6	0.300 U	0.300	1.00	ug/L
Trichlorofluoromethane	75-69-4	0.300 U	0.300	1.00	ug/L
Vinyl chloride	75-01-4	0.400 U	0.400	1.00	ug/L

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX-PCA25-TB01-011706	Project:	PCA 25 and Hawkins UST
Lab #:	B600253-14	Work Order #:	B600253
Prep. Method:	EPA 5030B_MS	Matrix:	Water
Analyzed:	01/19/06 By: DS	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6A18004		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	39.2	50.0	78 %	60-130
Dibromofluoromethane	1868-53-7	48.6	50.0	97 %	66-131
Toluene-d8	2037-26-5	45.6	50.0	91 %	67-139
Toluene-d8	2037-26-5	45.6	50.0	91 %	67-139

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6A12013 - EPA 5035_MS										
Blank (6A12013-BLK1)				Prepared & Analyzed: 12-Jan-06						
Methyl-tert-Butyl Ether	10.0 U, D	100	ug/kg wet							D
Benzene	10.0 U, D	100	ug/kg wet							D
Toluene	20.0 U, D	100	ug/kg wet							D
Ethylbenzene	20.0 U, D	100	ug/kg wet							D
m,p-Xylenes	30.0 U, D	200	ug/kg wet							D
o-Xylene	10.0 U, D	100	ug/kg wet							D
Surrogate: Toluene-d8	*48.5*		*ug/kg*	*50.0*		*97*	*67-139*			
Blank (6A12013-BLK2)				Prepared: 12-Jan-06 Analyzed: 17-Jan-06						
Methyl-tert-Butyl Ether	10.0 U, D	100	ug/kg wet							D
Benzene	10.0 U, D	100	ug/kg wet							D
Toluene	20.0 U, D	100	ug/kg wet							D
Ethylbenzene	20.0 U, D	100	ug/kg wet							D
m,p-Xylenes	30.0 U, D	200	ug/kg wet							D
o-Xylene	10.0 U, D	100	ug/kg wet							D
Surrogate: Toluene-d8	*48.8*		*ug/kg*	*50.0*		*98*	*67-139*			
Blank (6A12013-BLK3)				Prepared: 12-Jan-06 Analyzed: 24-Jan-06						
Dichlorodifluoromethane	30.0 U, D	100	ug/kg wet							D
Chloromethane	30.0 U, D	100	ug/kg wet							D
Vinyl chloride	30.0 U, D	100	ug/kg wet							D
Bromomethane	70.0 U, D	100	ug/kg wet							D
Chloroethane	40.0 U, D	100	ug/kg wet							D
Trichlorofluoromethane	40.0 U, D	100	ug/kg wet							D
1,1-Dichloroethene	20.0 U, D	100	ug/kg wet							D
Methylene Chloride	125 I, D	200	ug/kg wet							D
Methyl-tert-Butyl Ether	10.0 U, D	100	ug/kg wet							D
trans-1,2-Dichloroethene	30.0 U, D	100	ug/kg wet							D
1,1-Dichloroethane	20.0 U, D	100	ug/kg wet							D
cis-1,2-Dichloroethene	20.0 U, D	100	ug/kg wet							D
Chloroform	10.0 U, D	100	ug/kg wet							D
1,1,1-Trichloroethane	10.0 U, D	100	ug/kg wet							D
Carbon Tetrachloride	20.0 U, D	100	ug/kg wet							D
1,2-Dichloroethane	10.0 U, D	100	ug/kg wet							D
Benzene	10.0 U, D	100	ug/kg wet							D
Trichloroethene	10.0 U, D	100	ug/kg wet							D
1,2-Dichloropropane	10.0 U, D	100	ug/kg wet							D
Bromodichloromethane	10.0 U, D	40.0	ug/kg wet							D
cis-1,3-Dichloropropene	20.0 U, D	20.0	ug/kg wet							D
Toluene	20.0 U, D	100	ug/kg wet							D
trans-1,3-Dichloropropene	20.0 U, D	20.0	ug/kg wet							D
1,1,2-Trichloroethane	20.0 U, D	100	ug/kg wet							D
Tetrachloroethene	80.0 U, D	100	ug/kg wet							D
Dibromochloromethane	20.0 U, D	20.0	ug/kg wet							D
Chlorobenzene	10.0 U, D	100	ug/kg wet							D
Ethylbenzene	20.0 U, D	100	ug/kg wet							D

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6A12013 - EPA 5035_MS										
Blank (6A12013-BLK3) Continued				Prepared: 12-Jan-06 Analyzed: 24-Jan-06						
m,p-Xylenes	30.0 U, D	200	ug/kg wet							D
o-Xylene	10.0 U, D	100	ug/kg wet							D
Bromoform	20.0 U, D	100	ug/kg wet							D
1,1,2,2-Tetrachloroethane	20.0 U, D	20.0	ug/kg wet							D
1,3-Dichlorobenzene	20.0 U, D	100	ug/kg wet							D
1,4-Dichlorobenzene	10.0 U, D	100	ug/kg wet							D
1,2-Dichlorobenzene	20.0 U, D	100	ug/kg wet							D
Surrogate: Dibromofluoromethane	*54.2*		*ug/kg*	*50.0*		*108*	*66-131*			
Surrogate: Toluene-d8	*48.8*		*ug/kg*	*50.0*		*98*	*67-139*			
Surrogate: Toluene-d8	*48.8*		*ug/kg*	*50.0*		*98*	*67-139*			
Surrogate: 4-Bromofluorobenzene	*45.6*		*ug/kg*	*50.0*		*91*	*60-130*			
Blank (6A12013-BLK4)				Prepared: 12-Jan-06 Analyzed: 25-Jan-06						
Dichlorodifluoromethane	30.0 U, D	100	ug/kg wet							D
Chloromethane	30.0 U, D	100	ug/kg wet							D
Vinyl chloride	30.0 U, D	100	ug/kg wet							D
Bromomethane	70.0 U, D	100	ug/kg wet							D
Chloroethane	40.0 U, D	100	ug/kg wet							D
Trichlorofluoromethane	40.0 U, D	100	ug/kg wet							D
1,1-Dichloroethene	20.0 U, D	100	ug/kg wet							D
Methylene Chloride	50.0 U, D	200	ug/kg wet							D
Methyl-tert-Butyl Ether	10.0 U, D	100	ug/kg wet							D
trans-1,2-Dichloroethene	30.0 U, D	100	ug/kg wet							D
1,1-Dichloroethane	20.0 U, D	100	ug/kg wet							D
cis-1,2-Dichloroethene	20.0 U, D	100	ug/kg wet							D
Chloroform	10.0 U, D	100	ug/kg wet							D
1,1,1-Trichloroethane	10.0 U, D	100	ug/kg wet							D
Carbon Tetrachloride	20.0 U, D	100	ug/kg wet							D
1,2-Dichloroethane	10.0 U, D	100	ug/kg wet							D
Benzene	10.0 U, D	100	ug/kg wet							D
Trichloroethene	10.0 U, D	100	ug/kg wet							D
1,2-Dichloropropane	10.0 U, D	100	ug/kg wet							D
Bromodichloromethane	10.0 U, D	40.0	ug/kg wet							D
cis-1,3-Dichloropropene	20.0 U, D	20.0	ug/kg wet							D
Toluene	20.0 U, D	100	ug/kg wet							D
trans-1,3-Dichloropropene	20.0 U, D	20.0	ug/kg wet							D
1,1,2-Trichloroethane	20.0 U, D	100	ug/kg wet							D
Tetrachloroethene	80.0 U, D	100	ug/kg wet							D
Dibromochloromethane	20.0 U, D	20.0	ug/kg wet							D
Chlorobenzene	10.0 U, D	100	ug/kg wet							D
Ethylbenzene	20.0 U, D	100	ug/kg wet							D
m,p-Xylenes	30.0 U, D	200	ug/kg wet							D
o-Xylene	10.0 U, D	100	ug/kg wet							D
Bromoform	20.0 U, D	100	ug/kg wet							D
1,1,2,2-Tetrachloroethane	20.0 U, D	20.0	ug/kg wet							D

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6A12013 - EPA 5035_MS										
Blank (6A12013-BLK4) Continued				Prepared: 12-Jan-06 Analyzed: 25-Jan-06						
1,3-Dichlorobenzene	20.0 U, D	100	ug/kg wet							D
1,4-Dichlorobenzene	10.0 U, D	100	ug/kg wet							D
1,2-Dichlorobenzene	20.0 U, D	100	ug/kg wet							D
Surrogate: Dibromofluoromethane	*51.6*		*ug/kg*	*50.0*		*103*	*66-131*			
Surrogate: Toluene-d8	*48.0*		*ug/kg*	*50.0*		*96*	*67-139*			
Surrogate: Toluene-d8	*48.0*		*ug/kg*	*50.0*		*96*	*67-139*			
Surrogate: 4-Bromofluorobenzene	*47.6*		*ug/kg*	*50.0*		*95*	*60-130*			
Blank (6A12013-BLK5)				Prepared & Analyzed: 26-Jan-06						
Dichlorodifluoromethane	0.300 U	1.00	ug/kg wet							
Chloromethane	30.0 U, D	100	ug/kg wet							D
Vinyl chloride	30.0 U, D	100	ug/kg wet							D
Bromomethane	70.0 U, D	100	ug/kg wet							D
Chloroethane	40.0 U, D	100	ug/kg wet							D
Trichlorofluoromethane	40.0 U, D	100	ug/kg wet							D
1,1-Dichloroethene	20.0 U, D	100	ug/kg wet							D
Methylene Chloride	245 O-01, D	200	ug/kg wet							O-01 D
Methyl-tert-Butyl Ether	10.0 U, D	100	ug/kg wet							D
trans-1,2-Dichloroethene	30.0 U, D	100	ug/kg wet							D
1,1-Dichloroethane	20.0 U, D	100	ug/kg wet							D
cis-1,2-Dichloroethene	20.0 U, D	100	ug/kg wet							D
Chloroform	10.0 U, D	100	ug/kg wet							D
1,1,1-Trichloroethane	10.0 U, D	100	ug/kg wet							D
Carbon Tetrachloride	20.0 U, D	100	ug/kg wet							D
1,2-Dichloroethane	10.0 U, D	100	ug/kg wet							D
Benzene	10.0 U, D	100	ug/kg wet							D
Trichloroethene	10.0 U, D	100	ug/kg wet							D
1,2-Dichloropropane	10.0 U, D	100	ug/kg wet							D
Bromodichloromethane	10.0 U, D	40.0	ug/kg wet							D
cis-1,3-Dichloropropene	20.0 U, D	20.0	ug/kg wet							D
Toluene	20.0 U, D	100	ug/kg wet							D
trans-1,3-Dichloropropene	20.0 U, D	20.0	ug/kg wet							D
1,1,2-Trichloroethane	20.0 U, D	100	ug/kg wet							D
Tetrachloroethene	80.0 U, D	100	ug/kg wet							D
Dibromochloromethane	20.0 U, D	20.0	ug/kg wet							D
Chlorobenzene	10.0 U, D	100	ug/kg wet							D
Ethylbenzene	20.0 U, D	100	ug/kg wet							D
m,p-Xylenes	30.0 U, D	200	ug/kg wet							D
o-Xylene	10.0 U, D	100	ug/kg wet							D
Bromoform	20.0 U, D	100	ug/kg wet							D
1,1,2,2-Tetrachloroethane	20.0 U, D	20.0	ug/kg wet							D
1,3-Dichlorobenzene	20.0 U, D	100	ug/kg wet							D
1,4-Dichlorobenzene	10.0 U, D	100	ug/kg wet							D
1,2-Dichlorobenzene	20.0 U, D	100	ug/kg wet							D
Surrogate: Dibromofluoromethane	*57.5*		*ug/kg*	*50.0*		*115*	*66-131*			

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6A12013 - EPA 5035_MS										
Blank (6A12013-BLK5) Continued				Prepared & Analyzed: 26-Jan-06						
Surrogate: Toluene-d8	*48.3*		*ug/kg*	*50.0*		*97*	*67-139*			
Surrogate: Toluene-d8	*48.3*		*ug/kg*	*50.0*		*97*	*67-139*			
Surrogate: 4-Bromofluorobenzene	*46.5*		*ug/kg*	*50.0*		*93*	*60-130*			
Blank (6A12013-BLK6)				Prepared & Analyzed: 27-Jan-06						
Methyl-tert-Butyl Ether	10.0 U, D	100	ug/kg wet							D
Benzene	10.0 U, D	100	ug/kg wet							D
Toluene	20.0 U, D	100	ug/kg wet							D
Ethylbenzene	20.0 U, D	100	ug/kg wet							D
m,p-Xylenes	30.0 U, D	200	ug/kg wet							D
o-Xylene	10.0 U, D	100	ug/kg wet							D
Surrogate: Toluene-d8	*48.5*		*ug/kg*	*50.0*		*97*	*67-139*			
Blank (6A12013-BLK7)				Prepared & Analyzed: 01-Feb-06						
Methyl-tert-Butyl Ether	10.0 U, D	100	ug/kg wet							D
Benzene	10.0 U, D	100	ug/kg wet							D
Toluene	20.0 U, D	100	ug/kg wet							D
Ethylbenzene	20.0 U, D	100	ug/kg wet							D
m,p-Xylenes	30.0 U, D	200	ug/kg wet							D
o-Xylene	10.0 U, D	100	ug/kg wet							D
Surrogate: Toluene-d8	*50.4*		*ug/kg*	*50.0*		*101*	*67-139*			
LCS (6A12013-BS1)				Prepared: 12-Jan-06 Analyzed: 13-Jan-06						
Chlorobenzene	13.6 I		ug/kg	20.0		68	77-124			
1,1-Dichloroethene	11.0	1.00	ug/kg	20.0		55	0-200			
Benzene	14.9	1.00	ug/kg	20.0		74	27-150			
Trichloroethene	12.7	1.00	ug/kg	20.0		64	69-137			
Toluene	12.6	1.00	ug/kg	20.0		63	72-124			
Chlorobenzene	13.6	1.00	ug/kg	20.0		68	75-125			
Surrogate: Dibromofluoromethane	*51.2*		*ug/kg*	*50.0*		*102*	*66-131*			
Surrogate: Toluene-d8	*49.1*		*ug/kg*	*50.0*		*98*	*67-139*			
Surrogate: Toluene-d8	*49.1*		*ug/kg*	*50.0*		*98*	*67-139*			
Surrogate: 4-Bromofluorobenzene	*45.9*		*ug/kg*	*50.0*		*92*	*60-130*			
Matrix Spike (6A12013-MS1)		**Source: B600054-03**		Prepared: 12-Jan-06 Analyzed: 13-Jan-06						
Chlorobenzene	15.2 I		ug/kg	20.0		76	81-125			
1,1-Dichloroethene	13.6	1.00	ug/kg	20.0	0.200 U	68	0-200			
Benzene	16.6	1.00	ug/kg	20.0	0.100 U	83	49-130			
Trichloroethene	15.2	1.00	ug/kg	20.0	0.100 U	76	38-134			
Toluene	13.9	1.00	ug/kg	20.0	0.200 U	70	55-124			
Chlorobenzene	15.0	1.00	ug/kg	20.0	0.100 U	75	53-130			
Surrogate: Dibromofluoromethane	*50.6*		*ug/kg*	*50.0*		*101*	*66-131*			
Surrogate: Toluene-d8	*48.5*		*ug/kg*	*50.0*		*97*	*67-139*			
Surrogate: Toluene-d8	*48.5*		*ug/kg*	*50.0*		*97*	*67-139*			
Surrogate: 4-Bromofluorobenzene	*45.3*		*ug/kg*	*50.0*		*91*	*60-130*			
Matrix Spike Dup (6A12013-MSD1)		**Source: B600054-03**		Prepared: 12-Jan-06 Analyzed: 13-Jan-06						

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6A12013 - EPA 5035_MS										
Matrix Spike Dup (6A12013-MSD1) Continued		**Source: B600054-03**		Prepared: 12-Jan-06 Analyzed: 13-Jan-06						
Chlorobenzene	15.9 I		ug/kg	20.0		80	81-125	5	11	
1,1-Dichloroethene	13.6	1.00	ug/kg	20.0	0.200 U	68	0-200	0	200	
Benzene	17.2	1.00	ug/kg	20.0	0.100 U	86	49-130	4	23	
Trichloroethene	16.2	1.00	ug/kg	20.0	0.100 U	81	38-134	6	17	
Toluene	14.3	1.00	ug/kg	20.0	0.200 U	72	55-124	3	22	
Chlorobenzene	15.9	1.00	ug/kg	20.0	0.100 U	80	53-130	6	24	
Surrogate: Dibromofluoromethane	*50.6*		*ug/kg*	*50.0*		*101*	*66-131*			
Surrogate: Toluene-d8	*48.5*		*ug/kg*	*50.0*		*97*	*67-139*			
Surrogate: Toluene-d8	*48.5*		*ug/kg*	*50.0*		*97*	*67-139*			
Surrogate: 4-Bromofluorobenzene	*45.5*		*ug/kg*	*50.0*		*91*	*60-130*			
Batch 6A18004 - EPA 5030B_MS										
Blank (6A18004-BLK1)				Prepared & Analyzed: 17-Jan-06						
Dichlorodifluoromethane	0.300 U	1.00	ug/L							
Chloromethane	0.300 U	1.00	ug/L							
Vinyl chloride	0.400 U	1.00	ug/L							
Bromomethane	0.600 U	1.00	ug/L							
Chloroethane	0.300 U	1.00	ug/L							
Trichlorofluoromethane	0.300 U	1.00	ug/L							
1,1-Dichloroethene	0.200 U	1.00	ug/L							
Methylene chloride	2.00 U	2.00	ug/L							
trans-1,2-Dichloroethene	0.200 U	1.00	ug/L							
1,1-Dichloroethane	0.200 U	1.00	ug/L							
cis-1,2-Dichloroethene	0.200 U	1.00	ug/L							
Chloroform	0.200 U	1.00	ug/L							
1,1,1-Trichloroethane	0.300 U	1.00	ug/L							
Carbon tetrachloride	0.300 U	1.00	ug/L							
1,2-Dichloroethane	0.100 U	1.00	ug/L							
Trichloroethene	0.300 U	1.00	ug/L							
1,2-Dichloropropane	0.400 U	1.00	ug/L							
Bromodichloromethane	0.200 U	0.400	ug/L							
cis-1,3-Dichloropropene	0.100 U	0.200	ug/L							
trans-1,3-Dichloropropene	0.200 U	0.200	ug/L							
1,1,2-Trichloroethane	0.300 U	1.00	ug/L							
Tetrachloroethene	0.300 U	1.00	ug/L							
Dibromochloromethane	0.200 U	0.200	ug/L							
Chlorobenzene	0.200 U	1.00	ug/L							
Bromoform	0.200 U	1.00	ug/L							
1,1,2,2-Tetrachloroethane	0.200 U	0.200	ug/L							
1,3-Dichlorobenzene	0.200 U	1.00	ug/L							
1,4-Dichlorobenzene	0.100 U	1.00	ug/L							
1,2-Dichlorobenzene	0.200 U	1.00	ug/L							
Surrogate: Dibromofluoromethane	*55.2*		*ug/L*	*50.0*		*110*	*66-131*			
Surrogate: Toluene-d8	*49.0*		*ug/L*	*50.0*		*98*	*67-139*			
Surrogate: 4-Bromofluorobenzene	*43.5*		*ug/L*	*50.0*		*87*	*60-130*			

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6A18004 - EPA 5030B_MS										
Blank (6A18004-BLK2)				Prepared: 17-Jan-06 Analyzed: 18-Jan-06						
Dichlorodifluoromethane	0.300 U	1.00	ug/L							
Chloromethane	0.300 U	1.00	ug/L							
Vinyl chloride	0.400 U	1.00	ug/L							
Bromomethane	0.600 U	1.00	ug/L							
Chloroethane	0.300 U	1.00	ug/L							
Trichlorofluoromethane	0.300 U	1.00	ug/L							
1,1-Dichloroethene	0.200 U	1.00	ug/L							
Methylene chloride	2.00 U	2.00	ug/L							
trans-1,2-Dichloroethene	0.200 U	1.00	ug/L							
1,1-Dichloroethane	0.200 U	1.00	ug/L							
cis-1,2-Dichloroethene	0.200 U	1.00	ug/L							
Chloroform	0.200 U	1.00	ug/L							
1,1,1-Trichloroethane	0.300 U	1.00	ug/L							
Carbon tetrachloride	0.300 U	1.00	ug/L							
1,2-Dichloroethane	0.100 U	1.00	ug/L							
Trichloroethene	0.300 U	1.00	ug/L							
1,2-Dichloropropane	0.400 U	1.00	ug/L							
Bromodichloromethane	0.200 U	0.400	ug/L							
cis-1,3-Dichloropropene	0.100 U	0.200	ug/L							
trans-1,3-Dichloropropene	0.200 U	0.200	ug/L							
1,1,2-Trichloroethane	0.300 U	1.00	ug/L							
Tetrachloroethene	0.300 U	1.00	ug/L							
Dibromochloromethane	0.200 U	0.200	ug/L							
Chlorobenzene	0.200 U	1.00	ug/L							
Bromoform	0.200 U	1.00	ug/L							
1,1,2,2-Tetrachloroethane	0.200 U	0.200	ug/L							
1,3-Dichlorobenzene	0.200 U	1.00	ug/L							
1,4-Dichlorobenzene	0.100 U	1.00	ug/L							
1,2-Dichlorobenzene	0.200 U	1.00	ug/L							
Surrogate: Dibromofluoromethane	*50.7*		*ug/L*	*50.0*		*101*	*66-131*			
Surrogate: Toluene-d8	*47.4*		*ug/L*	*50.0*		*95*	*67-139*			
Surrogate: 4-Bromofluorobenzene	*45.0*		*ug/L*	*50.0*		*90*	*60-130*			
Blank (6A18004-BLK3)				Prepared: 17-Jan-06 Analyzed: 18-Jan-06						
Dichlorodifluoromethane	0.300 U	1.00	ug/L							
Chloromethane	0.300 U	1.00	ug/L							
Vinyl chloride	0.400 U	1.00	ug/L							
Bromomethane	0.600 U	1.00	ug/L							
Chloroethane	0.300 U	1.00	ug/L							
Trichlorofluoromethane	0.300 U	1.00	ug/L							
1,1-Dichloroethene	0.200 U	1.00	ug/L							
Methylene chloride	2.00 U	2.00	ug/L							
Methyl-tert-Butyl Ether	0.200 U	1.00	ug/L							
trans-1,2-Dichloroethene	0.200 U	1.00	ug/L							
1,1-Dichloroethane	0.200 U	1.00	ug/L							
cis-1,2-Dichloroethene	0.200 U	1.00	ug/L							

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6A18004 - EPA 5030B_MS										
Blank (6A18004-BLK3) Continued				Prepared: 17-Jan-06 Analyzed: 18-Jan-06						
Chloroform	0.200 U	1.00	ug/L							
1,1,1-Trichloroethane	0.300 U	1.00	ug/L							
Carbon tetrachloride	0.300 U	1.00	ug/L							
1,2-Dichloroethane	0.100 U	1.00	ug/L							
Benzene	0.200 U	1.00	ug/L							
Trichloroethene	0.300 U	1.00	ug/L							
1,2-Dichloropropane	0.400 U	1.00	ug/L							
Bromodichloromethane	0.200 U	0.400	ug/L							
cis-1,3-Dichloropropene	0.100 U	0.200	ug/L							
Toluene	0.200 U	1.00	ug/L							
trans-1,3-Dichloropropene	0.200 U	0.200	ug/L							
1,1,2-Trichloroethane	0.300 U	1.00	ug/L							
Tetrachloroethene	0.300 U	1.00	ug/L							
Dibromochloromethane	0.200 U	0.200	ug/L							
Chlorobenzene	0.200 U	1.00	ug/L							
Ethylbenzene	0.300 U	1.00	ug/L							
m,p-Xylenes	0.300 U	2.00	ug/L							
o-Xylene	0.200 U	1.00	ug/L							
Bromoform	0.200 U	1.00	ug/L							
1,1,2,2-Tetrachloroethane	0.200 U	0.200	ug/L							
1,3-Dichlorobenzene	0.200 U	1.00	ug/L							
1,4-Dichlorobenzene	0.100 U	1.00	ug/L							
1,2-Dichlorobenzene	0.200 U	1.00	ug/L							
Surrogate: Dibromofluoromethane	*57.2*		*ug/L*	*50.0*		*114*	*66-131*			
Surrogate: Toluene-d8	*48.3*		*ug/L*	*50.0*		*97*	*67-139*			
Surrogate: Toluene-d8	*44.2*		*ug/L*	*50.0*		*88*	*67-139*			
Surrogate: 4-Bromofluorobenzene	*43.1*		*ug/L*	*50.0*		*86*	*60-130*			
Blank (6A18004-BLK4)				Prepared: 17-Jan-06 Analyzed: 19-Jan-06						
Dichlorodifluoromethane	0.300 U	1.00	ug/L							
Chloromethane	0.300 U	1.00	ug/L							
Vinyl chloride	0.400 U	1.00	ug/L							
Bromomethane	0.600 U	1.00	ug/L							
Chloroethane	0.300 U	1.00	ug/L							
Trichlorofluoromethane	0.300 U	1.00	ug/L							
1,1-Dichloroethene	0.200 U	1.00	ug/L							
Methylene chloride	2.00 U	2.00	ug/L							
trans-1,2-Dichloroethene	0.200 U	1.00	ug/L							
1,1-Dichloroethane	0.200 U	1.00	ug/L							
cis-1,2-Dichloroethene	0.200 U	1.00	ug/L							
Chloroform	0.200 U	1.00	ug/L							
1,1,1-Trichloroethane	0.300 U	1.00	ug/L							
Carbon tetrachloride	0.300 U	1.00	ug/L							
1,2-Dichloroethane	0.100 U	1.00	ug/L							
Trichloroethene	0.300 U	1.00	ug/L							

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6A18004 - EPA 5030B_MS										
Blank (6A18004-BLK4) Continued				Prepared: 17-Jan-06 Analyzed: 19-Jan-06						
1,2-Dichloropropane	0.400 U	1.00	ug/L							
Bromodichloromethane	0.200 U	0.400	ug/L							
cis-1,3-Dichloropropene	0.100 U	0.200	ug/L							
trans-1,3-Dichloropropene	0.200 U	0.200	ug/L							
1,1,2-Trichloroethane	0.300 U	1.00	ug/L							
Tetrachloroethene	0.300 U	1.00	ug/L							
Dibromochloromethane	0.200 U	0.200	ug/L							
Chlorobenzene	0.200 U	1.00	ug/L							
Bromoform	0.200 U	1.00	ug/L							
1,1,2,2-Tetrachloroethane	0.200 U	0.200	ug/L							
1,3-Dichlorobenzene	0.200 U	1.00	ug/L							
1,4-Dichlorobenzene	0.100 U	1.00	ug/L							
1,2-Dichlorobenzene	0.200 U	1.00	ug/L							
Surrogate: Dibromofluoromethane	*58.4*		*ug/L*	*50.0*		*117*	*66-131*			
Surrogate: Toluene-d8	*48.3*		*ug/L*	*50.0*		*97*	*67-139*			
Surrogate: 4-Bromofluorobenzene	*43.8*		*ug/L*	*50.0*		*88*	*60-130*			
LCS (6A18004-BS1)				Prepared & Analyzed: 17-Jan-06						
1,1-Dichloroethene	14.8	1.00	ug/L	20.0		74	0-200			
Benzene	17.8	1.00	ug/L	20.0		89	62-135			
Trichloroethene	18.1	1.00	ug/L	20.0		90	66-136			
Toluene	15.7	1.00	ug/L	20.0		78	74-126			
Chlorobenzene	17.1	1.00	ug/L	20.0		86	77-124			
Surrogate: Dibromofluoromethane	*46.8*		*ug/L*	*50.0*		*94*	*66-131*			
Surrogate: Toluene-d8	*48.4*		*ug/L*	*50.0*		*97*	*67-139*			
Surrogate: Toluene-d8	*48.4*		*ug/L*	*50.0*		*97*	*67-139*			
Surrogate: 4-Bromofluorobenzene	*47.4*		*ug/L*	*50.0*		*95*	*60-130*			
Matrix Spike (6A18004-MS1)		**Source: B600054-08**		Prepared & Analyzed: 17-Jan-06						
1,1-Dichloroethene	17.2	1.00	ug/L	20.0	0.200 U	86	0-200			
Benzene	21.4	1.00	ug/L	20.0	0.200 U	107	64-138			
Trichloroethene	22.7	1.00	ug/L	20.0	0.300 U	114	47-150			
Toluene	19.1	1.00	ug/L	20.0	0.200 U	96	72-124			
Chlorobenzene	21.8	1.00	ug/L	20.0	0.190	108	81-125			
Surrogate: Dibromofluoromethane	*45.3*		*ug/L*	*50.0*		*91*	*66-131*			
Surrogate: Toluene-d8	*48.4*		*ug/L*	*50.0*		*97*	*67-139*			
Surrogate: Toluene-d8	*48.4*		*ug/L*	*50.0*		*97*	*67-139*			
Surrogate: 4-Bromofluorobenzene	*47.6*		*ug/L*	*50.0*		*95*	*60-130*			
Matrix Spike Dup (6A18004-MSD1)		**Source: B600054-08**		Prepared & Analyzed: 17-Jan-06						
1,1-Dichloroethene	16.2	1.00	ug/L	20.0	0.200 U	81	0-200	6	200	
Benzene	20.2	1.00	ug/L	20.0	0.200 U	101	64-138	6	10	
Trichloroethene	20.6	1.00	ug/L	20.0	0.300 U	103	47-150	10	11	
Toluene	17.9	1.00	ug/L	20.0	0.200 U	90	72-124	6	13	
Chlorobenzene	19.7	1.00	ug/L	20.0	0.190	98	81-125	10	11	
Surrogate: Dibromofluoromethane	*45.7*		*ug/L*	*50.0*		*91*	*66-131*			

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6A18004 - EPA 5030B_MS										
Matrix Spike Dup (6A18004-MSD1) Continued		**Source: B600054-08**		Prepared & Analyzed: 17-Jan-06						
Surrogate: Toluene-d8	*47.8*		*ug/L*	*50.0*		*96*	*67-139*			
Surrogate: Toluene-d8	*47.8*		*ug/L*	*50.0*		*96*	*67-139*			
Surrogate: 4-Bromofluorobenzene	*46.2*		*ug/L*	*50.0*		*92*	*60-130*			
Batch 6A25015 - EPA 5035_MS										
Blank (6A25015-BLK1)				Prepared: 17-Jan-06 Analyzed: 18-Jan-06						
Dichlorodifluoromethane	0.300 U	1.00	ug/kg wet							
Chloromethane	0.300 U	1.00	ug/kg wet							
Vinyl chloride	0.300 U	1.00	ug/kg wet							
Bromomethane	0.700 U	1.00	ug/kg wet							
Chloroethane	0.400 U	1.00	ug/kg wet							
Trichlorofluoromethane	0.400 U	1.00	ug/kg wet							
1,1-Dichloroethene	0.200 U	1.00	ug/kg wet							
Methylene chloride	31.8 O-01	2.00	ug/kg wet							O-01
Methyl-tert-Butyl Ether	0.100 U	1.00	ug/kg wet							
trans-1,2-Dichloroethene	0.300 U	1.00	ug/kg wet							
1,1-Dichloroethane	0.200 U	1.00	ug/kg wet							
cis-1,2-Dichloroethene	0.200 U	1.00	ug/kg wet							
Chloroform	0.100 U	1.00	ug/kg wet							
1,1,1-Trichloroethane	0.100 U	1.00	ug/kg wet							
Carbon tetrachloride	0.200 U	1.00	ug/kg wet							
1,2-Dichloroethane	0.100 U	1.00	ug/kg wet							
Benzene	0.100 U	1.00	ug/kg wet							
Trichloroethene	0.100 U	1.00	ug/kg wet							
1,2-Dichloropropane	0.100 U	1.00	ug/kg wet							
Bromodichloromethane	0.100 U	0.400	ug/kg wet							
cis-1,3-Dichloropropene	0.200 U	0.200	ug/kg wet							
Toluene	0.200 U	1.00	ug/kg wet							
trans-1,3-Dichloropropene	0.200 U	0.200	ug/kg wet							
1,1,2-Trichloroethane	0.200 U	1.00	ug/kg wet							
Tetrachloroethene	0.800 U	1.00	ug/kg wet							
Dibromochloromethane	0.200 U	0.200	ug/kg wet							
Chlorobenzene	0.100 U	1.00	ug/kg wet							
Ethylbenzene	0.200 U	1.00	ug/kg wet							
m,p-Xylenes	0.300 U	2.00	ug/kg wet							
o-Xylene	0.100 U	1.00	ug/kg wet							
Bromoform	0.200 U	1.00	ug/kg wet							
1,1,2,2-Tetrachloroethane	0.200 U	0.200	ug/kg wet							
1,3-Dichlorobenzene	0.200 U	1.00	ug/kg wet							
1,4-Dichlorobenzene	0.100 U	1.00	ug/kg wet							
1,2-Dichlorobenzene	0.200 U	1.00	ug/kg wet							
Surrogate: Dibromofluoromethane	*52.4*		*ug/kg*	*50.0*		*105*	*66-131*			
Surrogate: Toluene-d8	*50.0*		*ug/kg*	*50.0*		*100*	*67-139*			
Surrogate: Toluene-d8	*50.0*		*ug/kg*	*50.0*		*100*	*67-139*			
Surrogate: 4-Bromofluorobenzene	*46.9*		*ug/kg*	*50.0*		*94*	*60-130*			

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6A25015 - EPA 5035_MS										
Blank (6A25015-BLK2)				Prepared & Analyzed: 23-Jan-06						
Dichlorodifluoromethane	0.300 U	1.00	ug/kg wet							
Chloromethane	0.300 U	1.00	ug/kg wet							
Vinyl chloride	0.300 U	1.00	ug/kg wet							
Bromomethane	0.700 U	1.00	ug/kg wet							
Chloroethane	0.400 U	1.00	ug/kg wet							
Trichlorofluoromethane	0.400 U	1.00	ug/kg wet							
1,1-Dichloroethene	0.200 U	1.00	ug/kg wet							
Methylene chloride	9.17 O-01	2.00	ug/kg wet							O-01
Methyl-tert-Butyl Ether	0.100 U	1.00	ug/kg wet							
trans-1,2-Dichloroethene	0.300 U	1.00	ug/kg wet							
1,1-Dichloroethane	0.200 U	1.00	ug/kg wet							
cis-1,2-Dichloroethene	0.200 U	1.00	ug/kg wet							
Chloroform	0.100 U	1.00	ug/kg wet							
1,1,1-Trichloroethane	0.100 U	1.00	ug/kg wet							
Carbon tetrachloride	0.200 U	1.00	ug/kg wet							
1,2-Dichloroethane	0.100 U	1.00	ug/kg wet							
Benzene	0.100 U	1.00	ug/kg wet							
Trichloroethene	0.100 U	1.00	ug/kg wet							
1,2-Dichloropropane	0.100 U	1.00	ug/kg wet							
Bromodichloromethane	0.100 U	0.400	ug/kg wet							
cis-1,3-Dichloropropene	0.200 U	0.200	ug/kg wet							
Toluene	0.200 U	1.00	ug/kg wet							
trans-1,3-Dichloropropene	0.200 U	0.200	ug/kg wet							
1,1,2-Trichloroethane	0.200 U	1.00	ug/kg wet							
Tetrachloroethene	0.800 U	1.00	ug/kg wet							
Dibromochloromethane	0.200 U	0.200	ug/kg wet							
Chlorobenzene	0.100 U	1.00	ug/kg wet							
Ethylbenzene	0.200 U	1.00	ug/kg wet							
m,p-Xylenes	0.300 U	2.00	ug/kg wet							
o-Xylene	0.100 U	1.00	ug/kg wet							
Bromoform	0.200 U	1.00	ug/kg wet							
1,1,2,2-Tetrachloroethane	0.200 U	0.200	ug/kg wet							
1,3-Dichlorobenzene	0.200 U	1.00	ug/kg wet							
1,4-Dichlorobenzene	0.100 U	1.00	ug/kg wet							
1,2-Dichlorobenzene	0.200 U	1.00	ug/kg wet							
Surrogate: Dibromofluoromethane	*41.0*		*ug/kg*	*50.0*		*82*	*66-131*			
Surrogate: Toluene-d8	*48.4*		*ug/kg*	*50.0*		*97*	*67-139*			
Surrogate: Toluene-d8	*48.4*		*ug/kg*	*50.0*		*97*	*67-139*			
Surrogate: 4-Bromofluorobenzene	*50.7*		*ug/kg*	*50.0*		*101*	*60-130*			
Blank (6A25015-BLK3)				Prepared: 23-Jan-06 Analyzed: 26-Jan-06						
Dichlorodifluoromethane	0.300 U	1.00	ug/kg wet							
Chloromethane	0.300 U	1.00	ug/kg wet							
Vinyl chloride	0.300 U	1.00	ug/kg wet							
Bromomethane	0.700 U	1.00	ug/kg wet							
Chloroethane	0.400 U	1.00	ug/kg wet							

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6A25015 - EPA 5035_MS										
Blank (6A25015-BLK3) Continued				Prepared: 23-Jan-06 Analyzed: 26-Jan-06						
Trichlorofluoromethane	0.400 U	1.00	ug/kg wet							
1,1-Dichloroethene	0.200 U	1.00	ug/kg wet							
Methylene Chloride	14.6 O-01	2.00	ug/kg wet							O-01
Methyl-tert-Butyl Ether	0.100 U	1.00	ug/kg wet							
trans-1,2-Dichloroethene	0.300 U	1.00	ug/kg wet							
1,1-Dichloroethane	0.200 U	1.00	ug/kg wet							
cis-1,2-Dichloroethene	0.200 U	1.00	ug/kg wet							
Chloroform	0.100 U	1.00	ug/kg wet							
1,1,1-Trichloroethane	0.100 U	1.00	ug/kg wet							
Carbon Tetrachloride	0.200 U	1.00	ug/kg wet							
1,2-Dichloroethane	0.100 U	1.00	ug/kg wet							
Benzene	0.100 U	1.00	ug/kg wet							
Trichloroethene	0.100 U	1.00	ug/kg wet							
1,2-Dichloropropane	0.100 U	1.00	ug/kg wet							
Bromodichloromethane	0.100 U	0.400	ug/kg wet							
cis-1,3-Dichloropropene	0.200 U	0.200	ug/kg wet							
Toluene	0.200 U	1.00	ug/kg wet							
trans-1,3-Dichloropropene	0.200 U	0.200	ug/kg wet							
1,1,2-Trichloroethane	0.200 U	1.00	ug/kg wet							
Tetrachloroethene	0.800 U	1.00	ug/kg wet							
Dibromochloromethane	0.200 U	0.200	ug/kg wet							
Chlorobenzene	0.100 U	1.00	ug/kg wet							
Ethylbenzene	0.200 U	1.00	ug/kg wet							
m,p-Xylenes	0.300 U	2.00	ug/kg wet							
o-Xylene	0.100 U	1.00	ug/kg wet							
Bromoform	0.200 U	1.00	ug/kg wet							
1,1,2,2-Tetrachloroethane	0.200 U	0.200	ug/kg wet							
1,3-Dichlorobenzene	0.200 U	1.00	ug/kg wet							
1,4-Dichlorobenzene	0.100 U	1.00	ug/kg wet							
1,2-Dichlorobenzene	0.200 U	1.00	ug/kg wet							
Surrogate: Dibromofluoromethane	*38.0*		*ug/kg*	*50.0*		*76*	*66-131*			
Surrogate: Toluene-d8	*49.5*		*ug/kg*	*50.0*		*99*	*67-139*			
Surrogate: Toluene-d8	*49.5*		*ug/kg*	*50.0*		*99*	*67-139*			
Surrogate: 4-Bromofluorobenzene	*46.2*		*ug/kg*	*50.0*		*92*	*60-130*			
Blank (6A25015-BLK4)				Prepared & Analyzed: 25-Jan-06						
Methyl-tert-Butyl Ether	0.100 U	1.00	ug/kg wet							
Benzene	0.100 U	1.00	ug/kg wet							
Toluene	0.200 U	1.00	ug/kg wet							
Ethylbenzene	0.200 U	1.00	ug/kg wet							
m,p-Xylenes	0.300 U	2.00	ug/kg wet							
o-Xylene	0.100 U	1.00	ug/kg wet							
Surrogate: Toluene-d8	*47.9*		*ug/kg*	*50.0*		*96*	*67-139*			
LCS (6A25015-BS1)				Prepared: 23-Jan-06 Analyzed: 26-Jan-06						
1,1-Dichloroethene	12.3	1.00	ug/kg	20.0		62	0-200			

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6A25015 - EPA 5035_MS										
LCS (6A25015-BS1) Continued				Prepared: 23-Jan-06 Analyzed: 26-Jan-06						
Benzene	16.7	1.00	ug/kg	20.0		84	27-150			
Trichloroethene	18.6	1.00	ug/kg	20.0		93	69-137			
Toluene	18.1	1.00	ug/kg	20.0		90	72-124			
Chlorobenzene	19.7	1.00	ug/kg	20.0		98	75-125			
Surrogate: Dibromofluoromethane	*37.5*		*ug/kg*	*50.0*		*75*	*66-131*			
Surrogate: Toluene-d8	*50.2*		*ug/kg*	*50.0*		*100*	*67-139*			
Surrogate: Toluene-d8	*50.2*		*ug/kg*	*50.0*		*100*	*67-139*			
Surrogate: 4-Bromofluorobenzene	*48.0*		*ug/kg*	*50.0*		*96*	*60-130*			
Matrix Spike (6A25015-MS1)		**Source: B600232-01**		Prepared & Analyzed: 23-Jan-06						
1,1-Dichloroethene	14.4	1.00	ug/kg	20.0	0.200 U	72	0-200			
Benzene	16.3	1.00	ug/kg	20.0	0.100 U	82	49-130			
Trichloroethene	14.9	1.00	ug/kg	20.0	0.100 U	74	38-134			
Toluene	13.2	1.00	ug/kg	20.0	0.200 U	66	55-124			
Chlorobenzene	12.6	1.00	ug/kg	20.0	0.100 U	63	53-130			
Surrogate: Dibromofluoromethane	*40.1*		*ug/kg*	*50.0*		*80*	*66-131*			
Surrogate: Toluene-d8	*48.0*		*ug/kg*	*50.0*		*96*	*67-139*			
Surrogate: Toluene-d8	*48.0*		*ug/kg*	*50.0*		*96*	*67-139*			
Surrogate: 4-Bromofluorobenzene	*49.2*		*ug/kg*	*50.0*		*98*	*60-130*			
Matrix Spike Dup (6A25015-MSD1)		**Source: B600232-01**		Prepared & Analyzed: 23-Jan-06						
1,1-Dichloroethene	13.3	1.00	ug/kg	20.0	0.200 U	66	0-200	8	200	
Benzene	15.4	1.00	ug/kg	20.0	0.100 U	77	49-130	6	23	
Trichloroethene	13.8	1.00	ug/kg	20.0	0.100 U	69	38-134	8	17	
Toluene	12.1	1.00	ug/kg	20.0	0.200 U	60	55-124	9	22	
Chlorobenzene	10.8	1.00	ug/kg	20.0	0.100 U	54	53-130	15	24	
Surrogate: Dibromofluoromethane	*38.6*		*ug/kg*	*50.0*		*77*	*66-131*			
Surrogate: Toluene-d8	*49.3*		*ug/kg*	*50.0*		*99*	*67-139*			
Surrogate: Toluene-d8	*49.3*		*ug/kg*	*50.0*		*99*	*67-139*			
Surrogate: 4-Bromofluorobenzene	*48.4*		*ug/kg*	*50.0*		*97*	*60-130*			
FL Petroleum Range Organics - Quality Control										
Batch 6A26001 - EPA 3545										
Blank (6A26001-BLK1)				Prepared: 26-Jan-06 Analyzed: 27-Jan-06						
C8-C40	5.61 U	6.60	mg/kg wet							
Surrogate: n-Nonatriacontane	*2.49*		*mg/kg wet*	*3.33*		*75*	*29-145*			
Surrogate: o-Terphenyl	*1.44*		*mg/kg wet*	*1.67*		*86*	*36-140*			
LCS (6A26001-BS1)				Prepared: 26-Jan-06 Analyzed: 27-Jan-06						
C8-C40	53.9	6.60	mg/kg wet	56.7		95	48-118			
Surrogate: n-Nonatriacontane	*2.82*		*mg/kg wet*	*3.33*		*85*	*19-133*			
Surrogate: o-Terphenyl	*1.48*		*mg/kg wet*	*1.67*		*89*	*53-128*			
Matrix Spike (6A26001-MS1)		**Source: B600194-01**		Prepared: 26-Jan-06 Analyzed: 27-Jan-06						
C8-C40	66.5	7.59	mg/kg dry	65.1	14.9	79	40-136			
Surrogate: n-Nonatriacontane	*2.36*		*mg/kg dry*	*3.83*		*62*	*36-152*			

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
FL Petroleum Range Organics - Quality Control										
Batch 6A26001 - EPA 3545										
Matrix Spike (6A26001-MS1) Continued			**Source: B600194-01**	Prepared: 26-Jan-06 Analyzed: 27-Jan-06						
Surrogate: o-Terphenyl	*1.88*		*mg/kg dry*	*1.92*		*98*	*51-148*			
Matrix Spike Dup (6A26001-MSD1)			**Source: B600194-01**	Prepared: 26-Jan-06 Analyzed: 27-Jan-06						
C8-C40	63.9	7.59	mg/kg dry	65.1	14.9	75	40-136	4	25	
Surrogate: n-Nonatriacontane	*2.51*		*mg/kg dry*	*3.83*		*66*	*36-152*			
Surrogate: o-Terphenyl	*1.71*		*mg/kg dry*	*1.92*		*89*	*51-148*			
Batch 6A30003 - EPA 3545										
Blank (6A30003-BLK1)				Prepared: 30-Jan-06 Analyzed: 01-Feb-06						
C8-C40	5.61 U	6.60	mg/kg wet							
Surrogate: n-Nonatriacontane	*3.34*		*mg/kg wet*	*3.33*		*100*	*29-145*			
Surrogate: o-Terphenyl	*1.53*		*mg/kg wet*	*1.67*		*92*	*36-140*			
LCS (6A30003-BS1)				Prepared: 30-Jan-06 Analyzed: 01-Feb-06						
C8-C40	62.6	6.60	mg/kg wet	56.7		110	48-118			
Surrogate: n-Nonatriacontane	*2.84*		*mg/kg wet*	*3.33*		*85*	*19-133*			
Surrogate: o-Terphenyl	*1.60*		*mg/kg wet*	*1.67*		*96*	*53-128*			
Matrix Spike (6A30003-MS1)			**Source: B600132-01**	Prepared: 30-Jan-06 Analyzed: 01-Feb-06						
C8-C40	657 QM-4X	7.67	mg/kg dry	65.8	1770	NR	40-136			QM-4X
Surrogate: n-Nonatriacontane	*4.24*		*mg/kg dry*	*3.87*		*110*	*36-152*			
Surrogate: o-Terphenyl	*2.83*		*mg/kg dry*	*1.94*		*146*	*51-148*			
Matrix Spike Dup (6A30003-MSD1)			**Source: B600132-01**	Prepared: 30-Jan-06 Analyzed: 01-Feb-06						
C8-C40	584 QM-4X	7.67	mg/kg dry	65.8	1770	NR	40-136	12	25	QM-4X
Surrogate: n-Nonatriacontane	*3.77*		*mg/kg dry*	*3.87*		*97*	*36-152*			
Surrogate: o-Terphenyl	*2.56*		*mg/kg dry*	*1.94*		*132*	*51-148*			
Semivolatile Organic Compounds by GCMS SIM - Quality Control										
Batch 6A25009 - EPA 3545_MS										
Blank (6A25009-BLK1)				Prepared: 25-Jan-06 Analyzed: 02-Feb-06						
Benzo(a)anthracene	6.90 U	33.0	ug/kg wet							
Benzo(b)fluoranthene	5.33 U	33.0	ug/kg wet							
Benzo(k)fluoranthene	6.90 U	33.0	ug/kg wet							
Benzo(g,h,i)perylene	10.2 U	33.0	ug/kg wet							
Benzo(a)pyrene	6.90 U	33.0	ug/kg wet							
Dibenzo(a,h)anthracene	11.2 U	33.0	ug/kg wet							
Indeno(1,2,3-cd)pyrene	11.6 U	33.0	ug/kg wet							
Naphthalene	12.2 U	33.0	ug/kg wet							
2-Methylnaphthalene	9.90 U	33.0	ug/kg wet							
1-Methylnaphthalene	10.6 U	33.0	ug/kg wet							
Acenaphthylene	10.6 U	33.0	ug/kg wet							
Acenaphthene	7.26 U	33.0	ug/kg wet							
Fluorene	6.30 U	33.0	ug/kg wet							
Phenanthrene	6.90 U	33.0	ug/kg wet							
Anthracene	6.90 U	33.0	ug/kg wet							
Fluoranthene	8.90 U	33.0	ug/kg wet							

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Semivolatile Organic Compounds by GCMS SIM - Quality Control										
Batch 6A25009 - EPA 3545_MS										
Blank (6A25009-BLK1) Continued				Prepared: 25-Jan-06 Analyzed: 02-Feb-06						
Pyrene	8.90 U	33.0	ug/kg wet							
Chrysene	7.30 U	33.0	ug/kg wet							
Surrogate: p-Terphenyl	*1720*		*ug/kg wet*	*1670*		*103*	*10-167*			
LCS (6A25009-BS1)				Prepared: 25-Jan-06 Analyzed: 02-Feb-06						
Benzo(g,h,i)perylene	523	33.0	ug/kg wet	667		78	10-168			
Benzo(a)pyrene	587	33.0	ug/kg wet	667		88	41-125			
Naphthalene	560	33.0	ug/kg wet	667		84	50-104			
Acenaphthene	593	33.0	ug/kg wet	667		89	52-109			
Surrogate: p-Terphenyl	*1620*		*ug/kg wet*	*1670*		*97*	*10-167*			
Matrix Spike (6A25009-MS1)		**Source: B600035-01**		Prepared: 25-Jan-06 Analyzed: 02-Feb-06						
Benzo(g,h,i)perylene	478	36.1	ug/kg dry	729	11.2 U	66	10-168			
Benzo(a)pyrene	562	36.1	ug/kg dry	729	7.55 U	77	43-136			
Naphthalene	569	36.1	ug/kg dry	729	13.3 U	78	48-112			
Acenaphthene	602	36.1	ug/kg dry	729	7.94 U	83	48-119			
Surrogate: p-Terphenyl	*1470*		*ug/kg dry*	*1820*		*81*	*10-167*			
Matrix Spike Dup (6A25009-MSD1)		**Source: B600035-01**		Prepared: 25-Jan-06 Analyzed: 02-Feb-06						
Benzo(g,h,i)perylene	489	36.1	ug/kg dry	729	11.2 U	67	10-168	2	48	
Benzo(a)pyrene	576	36.1	ug/kg dry	729	7.55 U	79	43-136	2	34	
Naphthalene	587	36.1	ug/kg dry	729	13.3 U	81	48-112	3	22	
Acenaphthene	631	36.1	ug/kg dry	729	7.94 U	87	48-119	5	31	
Surrogate: p-Terphenyl	*1710*		*ug/kg dry*	*1820*		*94*	*10-167*			
Batch 6A27001 - EPA 3545_MS										
Blank (6A27001-BLK1)				Prepared: 27-Jan-06 Analyzed: 01-Feb-06						
Benzo(a)anthracene	6.90 U	33.0	ug/kg wet							
Benzo(b)fluoranthene	5.33 U	33.0	ug/kg wet							
Benzo(k)fluoranthene	6.90 U	33.0	ug/kg wet							
Benzo(g,h,i)perylene	10.2 U	33.0	ug/kg wet							
Benzo(a)pyrene	6.90 U	33.0	ug/kg wet							
Dibenzo(a,h)anthracene	11.2 U	33.0	ug/kg wet							
Indeno(1,2,3-cd)pyrene	11.6 U	33.0	ug/kg wet							
Naphthalene	12.2 U	33.0	ug/kg wet							
2-Methylnaphthalene	9.90 U	33.0	ug/kg wet							
1-Methylnaphthalene	10.6 U	33.0	ug/kg wet							
Acenaphthylene	10.6 U	33.0	ug/kg wet							
Acenaphthene	7.26 U	33.0	ug/kg wet							
Fluorene	6.30 U	33.0	ug/kg wet							
Phenanthrene	6.90 U	33.0	ug/kg wet							
Anthracene	6.90 U	33.0	ug/kg wet							
Fluoranthene	8.90 U	33.0	ug/kg wet							
Pyrene	8.90 U	33.0	ug/kg wet							
Chrysene	7.30 U	33.0	ug/kg wet							
Surrogate: p-Terphenyl	*1190*		*ug/kg wet*	*1670*		*71*	*10-167*			

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Semivolatile Organic Compounds by GCMS SIM - Quality Control										
Batch 6A27001 - EPA 3545_MS										
LCS (6A27001-BS1)				Prepared: 27-Jan-06 Analyzed: 01-Feb-06						
Benzo(g,h,i)perylene	450	33.0	ug/kg wet	667		67	10-168			
Benzo(a)pyrene	440	33.0	ug/kg wet	667		66	41-125			
Naphthalene	477	33.0	ug/kg wet	667		72	50-104			
Acenaphthene	477	33.0	ug/kg wet	667		72	52-109			
Surrogate: p-Terphenyl	*1210*		*ug/kg wet*	*1670*		*72*	*10-167*			
Matrix Spike (6A27001-MS1)		**Source: B600398-01**		Prepared: 27-Jan-06 Analyzed: 01-Feb-06						
Benzo(g,h,i)perylene	573	42.3	ug/kg dry	855	38.5	63	10-168			
Benzo(a)pyrene	470	42.3	ug/kg dry	855	29.9	51	43-136			
Naphthalene	547	42.3	ug/kg dry	855	15.6 U	64	48-112			
Acenaphthene	509	42.3	ug/kg dry	855	9.31 U	60	48-119			
Surrogate: p-Terphenyl	*1250*		*ug/kg dry*	*2140*		*58*	*10-167*			
Matrix Spike Dup (6A27001-MSD1)		**Source: B600398-01**		Prepared: 27-Jan-06 Analyzed: 01-Feb-06						
Benzo(g,h,i)perylene	526	42.3	ug/kg dry	855	38.5	57	10-168	9	48	
Benzo(a)pyrene	526	42.3	ug/kg dry	855	29.9	58	43-136	11	34	
Naphthalene	504	42.3	ug/kg dry	855	15.6 U	59	48-112	8	22	
Acenaphthene	526	42.3	ug/kg dry	855	9.31 U	62	48-119	3	31	
Surrogate: p-Terphenyl	*1390*		*ug/kg dry*	*2140*		*65*	*10-167*			
Classical Chemistry Parameters - Quality Control										
Batch 6A26011 - % Solids										
Duplicate (6A26011-DUP1)		**Source: B600253-13**		Prepared: 26-Jan-06 Analyzed: 27-Jan-06						
% Solids	92.0	0.1	% by Weight		92.0			0	20	

Notes and Definitions

U	Analyte included in the analysis, but not detected
S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-4X	The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
O-01	This compound is a common laboratory contaminant.
I	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
D	Data reported from a dilution
B	Analyte is found in the associated blank as well as in the sample (CLP B-flag).

APRIL 2006

Southeast
ACCUTEST LABORATORIES

07/15/11

Technical Report for

Tetra-Tech NUS

NAS JAX- PCA 25

112G00132, PO#1007884

Accutest Job Number: F40230

Sampling Date: 04/24/06

Report to:

Tetra-Tech, Inc.

julie.johnson@tetratech.com

ATTN: Tobrena Skeen

Total number of pages in report: **157**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi, Ph.D.
Laboratory Director

Client Service contact: Heather Wandrey 407-425-6700

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.

Test results relate only to samples analyzed.

Accutest Laboratories is the sole authority for authorizing edits or modifications to this document. Unauthorized modification of this report is strictly prohibited.

Table of Contents

-1-

Section 1: Sample Summary **4**
Section 2: Case Narrative/Conformance Summary **6**
Section 3: Sample Results **8**
3.1: F40230-1: JAX-PCA25-SB49-503 9
3.2: F40230-2: JAX-PCA25-SB50-503 12
3.3: F40230-3: JAX-PCA25-SB51-503 15
3.4: F40230-4: JAX-PCA25-SB52-503 18
3.5: F40230-5: JAX-PCA25-SB53-503 21
3.6: F40230-6: JAX-PCA25-SB54-503 24
3.7: F40230-7: JAX-PCA25-SB55-503 27
3.8: F40230-8: JAX-PCA25-SB56-503 30
3.9: F40230-9: JAX-PCA25-SB57-503 33
3.10: F40230-10: JAX-PCA25-SB58-503 36
3.11: F40230-11: JAX-PCA25-SB59-503 39
3.12: F40230-12: JAX-PCA25-SB60-503 42
3.13: F40230-13: JAX-PCA25-SB61-503 45
3.14: F40230-14: JAX-PCA25-SB62-503 48
3.15: F40230-15: JAX-PCA25-SB63-503 51
3.16: F40230-16: JAX-PCA25-SB64-503 54
3.17: F40230-17: JAX-PCA25-SB65-503 57
3.18: F40230-18: JAX-PCA25-SB41-503 60
Section 4: Misc. Forms **62**
4.1: Chain of Custody 63
Section 5: GC/MS Volatiles - QC Data Summaries **66**
5.1: Method Blank Summary 67
5.2: Leachate Blank Summary 69
5.3: Blank Spike Summary 71
5.4: Matrix Spike/Matrix Spike Duplicate Summary 75
5.5: Duplicate Summary 79
5.6: Instrument Performance Checks (BFB) 81
5.7: Internal Standard Area Summaries 86
5.8: Surrogate Recovery Summaries 89
5.9: Initial and Continuing Calibration Summaries 91
Section 6: GC/MS Semi-volatiles - QC Data Summaries **109**
6.1: Method Blank Summary 110
6.2: Blank Spike Summary 112
6.3: Matrix Spike/Matrix Spike Duplicate Summary 113
6.4: Instrument Performance Checks (DFTPP) 114
6.5: Internal Standard Area Summaries 118
6.6: Surrogate Recovery Summaries 120
6.7: Initial and Continuing Calibration Summaries 121
Section 7: GC Semi-volatiles - QC Data Summaries **125**

Table of Contents

7.1: Method Blank Summary 126
7.2: Blank Spike Summary 129
7.3: Matrix Spike/Matrix Spike Duplicate Summary 131
7.4: Surrogate Recovery Summaries 133
7.5: GC Surrogate Retention Time Summaries 134
7.6: Initial and Continuing Calibration Summaries 140
Section 8: General Chemistry - QC Data Summaries 154
8.1: Percent Solids Raw Data Summary 155

Accutest Laboratories

Sample Summary

Tetra-Tech NUS

Job No: F40230

NAS JAX- PCA 25
Project No: 112G00132, PO#1007884

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F40230-1	04/24/06	08:25	AP	04/25/06	SO	Soil	JAX-PCA25-SB49-503
F40230-2	04/24/06	08:20	AP	04/25/06	SO	Soil	JAX-PCA25-SB50-503
F40230-3	04/24/06	08:45	AP	04/25/06	SO	Soil	JAX-PCA25-SB51-503
F40230-4	04/24/06	09:00	AP	04/25/06	SO	Soil	JAX-PCA25-SB52-503
F40230-5	04/24/06	10:20	AP	04/25/06	SO	Soil	JAX-PCA25-SB53-503
F40230-6	04/24/06	10:05	AP	04/25/06	SO	Soil	JAX-PCA25-SB54-503
F40230-7	04/24/06	10:35	AP	04/25/06	SO	Soil	JAX-PCA25-SB55-503
F40230-8	04/24/06	10:50	AP	04/25/06	SO	Soil	JAX-PCA25-SB56-503
F40230-9	04/24/06	11:10	AP	04/25/06	SO	Soil	JAX-PCA25-SB57-503
F40230-10	04/24/06	13:30	AP	04/25/06	SO	Soil	JAX-PCA25-SB58-503
F40230-11	04/24/06	13:15	AP	04/25/06	SO	Soil	JAX-PCA25-SB59-503
F40230-12	04/24/06	13:50	AP	04/25/06	SO	Soil	JAX-PCA25-SB60-503
F40230-13	04/24/06	13:00	AP	04/25/06	SO	Soil	JAX-PCA25-SB61-503

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Tetra-Tech NUS

Job No: F40230

NAS JAX- PCA 25
Project No: 112G00132, PO#1007884

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F40230-14	04/24/06	12:40	AP	04/25/06	SO	Soil	JAX-PCA25-SB62-503
F40230-15	04/24/06	12:25	AP	04/25/06	SO	Soil	JAX-PCA25-SB63-503
F40230-16	04/24/06	11:25	AP	04/25/06	SO	Soil	JAX-PCA25-SB64-503
F40230-17	04/24/06	11:55	AP	04/25/06	SO	Soil	JAX-PCA25-SB65-503
F40230-18	04/24/06	12:10	AP	04/25/06	SO	Soil	JAX-PCA25-SB41-503

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: Tetra-Tech NUS **Job No:** F40230

Site: NAS JAX- PCA 25 **Report Date:** 5/12/2006 11:01:51

18 Samples were collected on 04/24/2006 and were received at Accutest on 04/25/2006 properly preserved, at 2.6 Deg. C and intact. These Samples received an Accutest job number of F40230. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS by Method SW846 8260B

Matrix: LEACHATE **Batch ID:** OP16415/ VN485

All samples were leached within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

Samples F39956-1RMS, F39956-1RMSD, F40230-18DUP were used as the QC samples indicated.

Sample F40230-18 has compounds reported with a “V” qualifier, indicating analyte is found in the associated method blank.

F40230-18, F40230-18DUP for Methylene chloride: Suspected laboratory contaminant.

Matrix: SO **Batch ID:** VH1391

All samples were analyzed within the recommended method holding time.

Samples F40207-1MS, F40207-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Samples VH1391-BS have surrogates outside control limits. Probable cause: due to matrix interference.

Matrix: SO **Batch ID:** VH1392

All samples were analyzed within the recommended method holding time.

Samples F40230-8MS, F40230-8MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Sample F40230-16 has surrogates outside control limits. Probable cause: due to matrix interference.

F40230-16: Methanol extract analysis required due to matrix interference (non-target analytes present above calibration range).

F40230-16 for 4-Bromofluorobenzene: Outside control limits; however, sample is ND.

Extractables by GCMS by Method SW846 8270C by SIM

Matrix: SO **Batch ID:** OP16474

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F40245-1MS, F40245-1MSD were used as the QC samples indicated.

Matrix Spike Duplicate Recovery for Fluorene is outside control limits. Probable cause: due to matrix interference.

Samples F40230-16, F40230-17 have surrogates outside control limits. Probable cause: due to matrix interference.

F40230-16 for Nitrobenzene-d5, 2-Fluorobiphenyl, Terphenyl-d14: Outside control limits due to dilution.

F40230-17 for Nitrobenzene-d5, 2-Fluorobiphenyl, Terphenyl-d14: Outside control limits due to dilution.

Friday, May 12, 2006

Extractables by GC by Method FLORIDA-PRO

Matrix: SO **Batch ID:** OP16422

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F40230-5MS, F40230-5MSD were used as the QC samples indicated.

Matrix: SO **Batch ID:** OP16453

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F40230-11MS, F40230-11MSD were used as the QC samples indicated.

Sample F40230-16 has surrogates outside control limits. Probable cause: due to matrix interference.

F40230-16 for o-Terphenyl: Outside control limits due to dilution.

Wet Chemistry by Method EPA 160.3 M

Matrix: SO **Batch ID:** GN20509

Sample F40230-1DUP was used as the QC sample for Solids, Percent.

Accutest Laboratories Southeast (ALSE) certifies that this report meets the project requirements for analytical data produced for the samples as received at ALSE and as stated on the COC. ALSE certifies that the data meets the Data Quality Objectives for precision, accuracy and completeness as specified in the ALSE Quality Manual except as noted above. This report is to be used in its entirety. ALSE is not responsible for any assumptions of data quality if partial data packages are used.

Narrative prepared by:

_____ Date: May 12, 2006

Ellen Pampel, Inorganic QA (signature on file)

Friday, May 12, 2006

Southeast ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	JAX-PCA25-SB49-503		
Lab Sample ID:	F40230-1	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8260B	**Percent Solids:**	91.0
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H037294.D	1	04/25/06	NAF	n/a	n/a	VH1391
Run #2							

	Initial Weight
Run #1	3.88 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	PQL	MDL	Units	Q
71-43-2	Benzene	2.8 U	7.1	2.8	ug/kg	
108-88-3	Toluene	2.8 U	7.1	2.8	ug/kg	
100-41-4	Ethylbenzene	2.8 U	7.1	2.8	ug/kg	
1330-20-7	Xylene (total)	7.1 U	21	7.1	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	2.8 U	7.1	2.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		78-123%
2037-26-5	Toluene-D8	103%		71-137%
460-00-4	4-Bromofluorobenzene	128%		61-157%
17060-07-0	1,2-Dichloroethane-D4	102%		74-125%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB49-503		
Lab Sample ID:	F40230-1	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8270C BY SIM SW846 3550B	**Percent Solids:**	91.0
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R02552.D	4	05/07/06	ME	05/03/06	OP16474	SR118
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	PQL	MDL	Units	Q
83-32-9	Acenaphthene	73 U	290	73	ug/kg	
208-96-8	Acenaphthylene	73 U	290	73	ug/kg	
120-12-7	Anthracene	37 U	290	37	ug/kg	
56-55-3	Benzo(a)anthracene	17.3	58	15	ug/kg	I
50-32-8	Benzo(a)pyrene	22.3	58	15	ug/kg	I
205-99-2	Benzo(b)fluoranthene	22.0	58	15	ug/kg	I
191-24-2	Benzo(g,h,i)perylene	45.0	58	15	ug/kg	I
207-08-9	Benzo(k)fluoranthene	15 U	58	15	ug/kg	
218-01-9	Chrysene	15 U	58	15	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	15 U	58	15	ug/kg	
206-44-0	Fluoranthene	37 U	290	37	ug/kg	
86-73-7	Fluorene	37 U	290	37	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	15 U	58	15	ug/kg	
90-12-0	1-Methylnaphthalene	37 U	290	37	ug/kg	
91-57-6	2-Methylnaphthalene	37 U	290	37	ug/kg	
91-20-3	Naphthalene	37 U	290	37	ug/kg	
85-01-8	Phenanthrene	37 U	290	37	ug/kg	
129-00-0	Pyrene	39.4	290	37	ug/kg	I

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	69%		41-123%
321-60-8	2-Fluorobiphenyl	78%		46-122%
1718-51-0	Terphenyl-d14	80%		45-135%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB49-503		
Lab Sample ID:	F40230-1	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	FLORIDA-PRO SW846 3550B	**Percent Solids:**	91.0
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP61023.D	4	04/27/06	VS	04/27/06	OP16422	GOP1689
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

CAS No.	Compound	Result	PQL	MDL	Units	Q
	TPH (C8-C40)	155	36	25	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	84%		49-116%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range
I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB50-503		
Lab Sample ID:	F40230-2	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8260B	**Percent Solids:**	89.2
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H037295.D	1	04/25/06	NAF	n/a	n/a	VH1391
Run #2							

	Initial Weight
Run #1	3.98 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	PQL	MDL	Units	Q
71-43-2	Benzene	2.8 U	7.0	2.8	ug/kg	
108-88-3	Toluene	2.8 U	7.0	2.8	ug/kg	
100-41-4	Ethylbenzene	2.8 U	7.0	2.8	ug/kg	
1330-20-7	Xylene (total)	7.0 U	21	7.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	2.8 U	7.0	2.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		78-123%
2037-26-5	Toluene-D8	100%		71-137%
460-00-4	4-Bromofluorobenzene	106%		61-157%
17060-07-0	1,2-Dichloroethane-D4	102%		74-125%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB50-503		
Lab Sample ID:	F40230-2	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8270C BY SIM SW846 3550B	**Percent Solids:**	89.2
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R02553.D	4	05/07/06	ME	05/03/06	OP16474	SR118
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	PQL	MDL	Units	Q
83-32-9	Acenaphthene	74 U	300	74	ug/kg	
208-96-8	Acenaphthylene	74 U	300	74	ug/kg	
120-12-7	Anthracene	37 U	300	37	ug/kg	
56-55-3	Benzo(a)anthracene	15 U	59	15	ug/kg	
50-32-8	Benzo(a)pyrene	15 U	59	15	ug/kg	
205-99-2	Benzo(b)fluoranthene	15 U	59	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	15 U	59	15	ug/kg	
207-08-9	Benzo(k)fluoranthene	15 U	59	15	ug/kg	
218-01-9	Chrysene	15 U	59	15	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	15 U	59	15	ug/kg	
206-44-0	Fluoranthene	37 U	300	37	ug/kg	
86-73-7	Fluorene	37 U	300	37	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	15 U	59	15	ug/kg	
90-12-0	1-Methylnaphthalene	37 U	300	37	ug/kg	
91-57-6	2-Methylnaphthalene	37 U	300	37	ug/kg	
91-20-3	Naphthalene	37 U	300	37	ug/kg	
85-01-8	Phenanthrene	37 U	300	37	ug/kg	
129-00-0	Pyrene	37 U	300	37	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	65%		41-123%
321-60-8	2-Fluorobiphenyl	78%		46-122%
1718-51-0	Terphenyl-d14	83%		45-135%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB50-503		
Lab Sample ID:	F40230-2	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	FLORIDA-PRO SW846 3550B	**Percent Solids:**	89.2
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP61024.D	1	04/27/06	VS	04/27/06	OP16422	GOP1689
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

CAS No.	Compound	Result	PQL	MDL	Units	Q
	TPH (C8-C40)	33.1	9.2	6.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	89%		49-116%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB51-503		
Lab Sample ID:	F40230-3	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8260B	**Percent Solids:**	88.7
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H037296.D	1	04/25/06	NAF	n/a	n/a	VH1391
Run #2							

	Initial Weight
Run #1	4.23 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	PQL	MDL	Units	Q
71-43-2	Benzene	2.7 U	6.7	2.7	ug/kg	
108-88-3	Toluene	2.7 U	6.7	2.7	ug/kg	
100-41-4	Ethylbenzene	2.7 U	6.7	2.7	ug/kg	
1330-20-7	Xylene (total)	6.7 U	20	6.7	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	2.7 U	6.7	2.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		78-123%
2037-26-5	Toluene-D8	101%		71-137%
460-00-4	4-Bromofluorobenzene	111%		61-157%
17060-07-0	1,2-Dichloroethane-D4	103%		74-125%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB51-503		
Lab Sample ID:	F40230-3	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8270C BY SIM SW846 3550B	**Percent Solids:**	88.7
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R02554.D	4	05/08/06	ME	05/03/06	OP16474	SR118
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	PQL	MDL	Units	Q
83-32-9	Acenaphthene	75 U	300	75	ug/kg	
208-96-8	Acenaphthylene	75 U	300	75	ug/kg	
120-12-7	Anthracene	38 U	300	38	ug/kg	
56-55-3	Benzo(a)anthracene	15.0	60	15	ug/kg	I
50-32-8	Benzo(a)pyrene	15 U	60	15	ug/kg	
205-99-2	Benzo(b)fluoranthene	20.6	60	15	ug/kg	I
191-24-2	Benzo(g,h,i)perylene	16.2	60	15	ug/kg	I
207-08-9	Benzo(k)fluoranthene	15 U	60	15	ug/kg	
218-01-9	Chrysene	15.1	60	15	ug/kg	I
53-70-3	Dibenzo(a,h)anthracene	15 U	60	15	ug/kg	
206-44-0	Fluoranthene	38 U	300	38	ug/kg	
86-73-7	Fluorene	38 U	300	38	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	15 U	60	15	ug/kg	
90-12-0	1-Methylnaphthalene	38 U	300	38	ug/kg	
91-57-6	2-Methylnaphthalene	38 U	300	38	ug/kg	
91-20-3	Naphthalene	38 U	300	38	ug/kg	
85-01-8	Phenanthrene	38 U	300	38	ug/kg	
129-00-0	Pyrene	38 U	300	38	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	76%		41-123%
321-60-8	2-Fluorobiphenyl	86%		46-122%
1718-51-0	Terphenyl-d14	89%		45-135%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB51-503		
Lab Sample ID:	F40230-3	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	FLORIDA-PRO SW846 3550B	**Percent Solids:**	88.7
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP61025.D	4	04/27/06	VS	04/27/06	OP16422	GOP1689
Run #2							

	Initial Weight	Final Volume
Run #1	30.9 g	1.0 ml
Run #2		

CAS No.	Compound	Result	PQL	MDL	Units	Q
	TPH (C8-C40)	78.6	36	25	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	86%		49-116%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB52-503		
Lab Sample ID:	F40230-4	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8260B	**Percent Solids:**	83.0
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H037297.D	1	04/25/06	NAF	n/a	n/a	VH1391
Run #2							

	Initial Weight
Run #1	5.29 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	PQL	MDL	Units	Q
71-43-2	Benzene	2.3 U	5.7	2.3	ug/kg	
108-88-3	Toluene	2.3 U	5.7	2.3	ug/kg	
100-41-4	Ethylbenzene	2.3 U	5.7	2.3	ug/kg	
1330-20-7	Xylene (total)	5.7 U	17	5.7	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	2.3 U	5.7	2.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		78-123%
2037-26-5	Toluene-D8	103%		71-137%
460-00-4	4-Bromofluorobenzene	113%		61-157%
17060-07-0	1,2-Dichloroethane-D4	101%		74-125%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB52-503		
Lab Sample ID:	F40230-4	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8270C BY SIM SW846 3550B	**Percent Solids:**	83.0
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R02555.D	4	05/08/06	ME	05/03/06	OP16474	SR118
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	PQL	MDL	Units	Q
83-32-9	Acenaphthene	80 U	320	80	ug/kg	
208-96-8	Acenaphthylene	80 U	320	80	ug/kg	
120-12-7	Anthracene	40 U	320	40	ug/kg	
56-55-3	Benzo(a)anthracene	16 U	64	16	ug/kg	
50-32-8	Benzo(a)pyrene	16 U	64	16	ug/kg	
205-99-2	Benzo(b)fluoranthene	16 U	64	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene	16 U	64	16	ug/kg	
207-08-9	Benzo(k)fluoranthene	16 U	64	16	ug/kg	
218-01-9	Chrysene	16 U	64	16	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	16 U	64	16	ug/kg	
206-44-0	Fluoranthene	40 U	320	40	ug/kg	
86-73-7	Fluorene	40 U	320	40	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	16 U	64	16	ug/kg	
90-12-0	1-Methylnaphthalene	40 U	320	40	ug/kg	
91-57-6	2-Methylnaphthalene	40 U	320	40	ug/kg	
91-20-3	Naphthalene	40 U	320	40	ug/kg	
85-01-8	Phenanthrene	40 U	320	40	ug/kg	
129-00-0	Pyrene	40 U	320	40	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	73%		41-123%
321-60-8	2-Fluorobiphenyl	84%		46-122%
1718-51-0	Terphenyl-d14	91%		45-135%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB52-503		
Lab Sample ID:	F40230-4	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	FLORIDA-PRO SW846 3550B	**Percent Solids:**	83.0
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP61026.D	4	04/27/06	VS	04/27/06	OP16422	GOP1689
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

CAS No.	Compound	Result	PQL	MDL	Units	Q
	TPH (C8-C40)	76.3	40	27	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	80%		49-116%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB53-503		
Lab Sample ID:	F40230-5	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8260B	**Percent Solids:**	91.3
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H037298.D	1	04/25/06	NAF	n/a	n/a	VH1391
Run #2							

	Initial Weight
Run #1	4.10 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	PQL	MDL	Units	Q
71-43-2	Benzene	2.7 U	6.7	2.7	ug/kg	
108-88-3	Toluene	2.7 U	6.7	2.7	ug/kg	
100-41-4	Ethylbenzene	2.7 U	6.7	2.7	ug/kg	
1330-20-7	Xylene (total)	6.7 U	20	6.7	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	2.7 U	6.7	2.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		78-123%
2037-26-5	Toluene-D8	113%		71-137%
460-00-4	4-Bromofluorobenzene	105%		61-157%
17060-07-0	1,2-Dichloroethane-D4	102%		74-125%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB53-503		
Lab Sample ID:	F40230-5	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8270C BY SIM SW846 3550B	**Percent Solids:**	91.3
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R02556.D	4	05/08/06	ME	05/03/06	OP16474	SR118
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	PQL	MDL	Units	Q
83-32-9	Acenaphthene	72 U	290	72	ug/kg	
208-96-8	Acenaphthylene	72 U	290	72	ug/kg	
120-12-7	Anthracene	36 U	290	36	ug/kg	
56-55-3	Benzo(a)anthracene	14 U	57	14	ug/kg	
50-32-8	Benzo(a)pyrene	14 U	57	14	ug/kg	
205-99-2	Benzo(b)fluoranthene	14 U	57	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	14 U	57	14	ug/kg	
207-08-9	Benzo(k)fluoranthene	14 U	57	14	ug/kg	
218-01-9	Chrysene	14 U	57	14	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	14 U	57	14	ug/kg	
206-44-0	Fluoranthene	36 U	290	36	ug/kg	
86-73-7	Fluorene	36 U	290	36	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	14 U	57	14	ug/kg	
90-12-0	1-Methylnaphthalene	36 U	290	36	ug/kg	
91-57-6	2-Methylnaphthalene	36 U	290	36	ug/kg	
91-20-3	Naphthalene	36 U	290	36	ug/kg	
85-01-8	Phenanthrene	36 U	290	36	ug/kg	
129-00-0	Pyrene	36 U	290	36	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	75%		41-123%
321-60-8	2-Fluorobiphenyl	84%		46-122%
1718-51-0	Terphenyl-d14	91%		45-135%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB53-503		
Lab Sample ID:	F40230-5	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	FLORIDA-PRO SW846 3550B	**Percent Solids:**	91.3
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP61029.D	1	04/27/06	VS	04/27/06	OP16422	GOP1689
Run #2							

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2		

CAS No.	Compound	Result	PQL	MDL	Units	Q
	TPH (C8-C40)	7.96	8.9	6.1	mg/kg	I

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	77%		49-116%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB54-503		
Lab Sample ID:	F40230-6	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8260B	**Percent Solids:**	90.2
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H037299.D	1	04/25/06	NAF	n/a	n/a	VH1391
Run #2							

	Initial Weight
Run #1	3.82 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	PQL	MDL	Units	Q
71-43-2	Benzene	2.9 U	7.3	2.9	ug/kg	
108-88-3	Toluene	2.9 U	7.3	2.9	ug/kg	
100-41-4	Ethylbenzene	2.9 U	7.3	2.9	ug/kg	
1330-20-7	Xylene (total)	7.3 U	22	7.3	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	2.9 U	7.3	2.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		78-123%
2037-26-5	Toluene-D8	123%		71-137%
460-00-4	4-Bromofluorobenzene	104%		61-157%
17060-07-0	1,2-Dichloroethane-D4	102%		74-125%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB54-503		
Lab Sample ID:	F40230-6	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8270C BY SIM SW846 3550B	**Percent Solids:**	90.2
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R02557.D	4	05/08/06	ME	05/03/06	OP16474	SR118
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	PQL	MDL	Units	Q
83-32-9	Acenaphthene	73 U	290	73	ug/kg	
208-96-8	Acenaphthylene	73 U	290	73	ug/kg	
120-12-7	Anthracene	80.4	290	37	ug/kg	I
56-55-3	Benzo(a)anthracene	25.7	59	15	ug/kg	I
50-32-8	Benzo(a)pyrene	16.4	59	15	ug/kg	I
205-99-2	Benzo(b)fluoranthene	16.4	59	15	ug/kg	I
191-24-2	Benzo(g,h,i)perylene	15 U	59	15	ug/kg	
207-08-9	Benzo(k)fluoranthene	15 U	59	15	ug/kg	
218-01-9	Chrysene	25.3	59	15	ug/kg	I
53-70-3	Dibenzo(a,h)anthracene	15 U	59	15	ug/kg	
206-44-0	Fluoranthene	170	290	37	ug/kg	I
86-73-7	Fluorene	85.3	290	37	ug/kg	I
193-39-5	Indeno(1,2,3-cd)pyrene	15 U	59	15	ug/kg	
90-12-0	1-Methylnaphthalene	37 U	290	37	ug/kg	
91-57-6	2-Methylnaphthalene	37 U	290	37	ug/kg	
91-20-3	Naphthalene	37 U	290	37	ug/kg	
85-01-8	Phenanthrene	424	290	37	ug/kg	
129-00-0	Pyrene	141	290	37	ug/kg	I

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	71%		41-123%
321-60-8	2-Fluorobiphenyl	79%		46-122%
1718-51-0	Terphenyl-d14	94%		45-135%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB54-503		
Lab Sample ID:	F40230-6	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	FLORIDA-PRO SW846 3550B	**Percent Solids:**	90.2
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP61032.D	1	04/28/06	VS	04/27/06	OP16422	GOP1689
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

CAS No.	Compound	Result	PQL	MDL	Units	Q
	TPH (C8-C40)	39.0	9.2	6.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	81%		49-116%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB55-503		
Lab Sample ID:	F40230-7	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8260B	**Percent Solids:**	82.9
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H037300.D	1	04/26/06	NAF	n/a	n/a	VH1391
Run #2							

	Initial Weight
Run #1	4.37 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	PQL	MDL	Units	Q
71-43-2	Benzene	2.8 U	6.9	2.8	ug/kg	
108-88-3	Toluene	2.8 U	6.9	2.8	ug/kg	
100-41-4	Ethylbenzene	2.8 U	6.9	2.8	ug/kg	
1330-20-7	Xylene (total)	6.9 U	21	6.9	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	2.8 U	6.9	2.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		78-123%
2037-26-5	Toluene-D8	100%		71-137%
460-00-4	4-Bromofluorobenzene	104%		61-157%
17060-07-0	1,2-Dichloroethane-D4	100%		74-125%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB55-503		
Lab Sample ID:	F40230-7	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8270C BY SIM SW846 3550B	**Percent Solids:**	82.9
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R02558.D	4	05/08/06	ME	05/03/06	OP16474	SR118
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	PQL	MDL	Units	Q
83-32-9	Acenaphthene	80 U	320	80	ug/kg	
208-96-8	Acenaphthylene	80 U	320	80	ug/kg	
120-12-7	Anthracene	40 U	320	40	ug/kg	
56-55-3	Benzo(a)anthracene	16 U	64	16	ug/kg	
50-32-8	Benzo(a)pyrene	16 U	64	16	ug/kg	
205-99-2	Benzo(b)fluoranthene	16 U	64	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene	16 U	64	16	ug/kg	
207-08-9	Benzo(k)fluoranthene	16 U	64	16	ug/kg	
218-01-9	Chrysene	16 U	64	16	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	16 U	64	16	ug/kg	
206-44-0	Fluoranthene	40 U	320	40	ug/kg	
86-73-7	Fluorene	40 U	320	40	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	16 U	64	16	ug/kg	
90-12-0	1-Methylnaphthalene	40 U	320	40	ug/kg	
91-57-6	2-Methylnaphthalene	40 U	320	40	ug/kg	
91-20-3	Naphthalene	40 U	320	40	ug/kg	
85-01-8	Phenanthrene	40 U	320	40	ug/kg	
129-00-0	Pyrene	40 U	320	40	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	65%		41-123%
321-60-8	2-Fluorobiphenyl	70%		46-122%
1718-51-0	Terphenyl-d14	75%		45-135%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB55-503		
Lab Sample ID:	F40230-7	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	FLORIDA-PRO SW846 3550B	**Percent Solids:**	82.9
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP61033.D	1	04/28/06	VS	04/27/06	OP16422	GOP1689
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

CAS No.	Compound	Result	PQL	MDL	Units	Q
	TPH (C8-C40)	21.6	9.9	6.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	89%		49-116%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range
I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB56-503		
Lab Sample ID:	F40230-8	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8260B	**Percent Solids:**	83.0
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H037307.D	1	04/26/06	NAF	n/a	n/a	VH1392
Run #2							

	Initial Weight
Run #1	3.81 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	PQL	MDL	Units	Q
71-43-2	Benzene	3.2 U	7.9	3.2	ug/kg	
108-88-3	Toluene	3.2 U	7.9	3.2	ug/kg	
100-41-4	Ethylbenzene	3.2 U	7.9	3.2	ug/kg	
1330-20-7	Xylene (total)	7.9 U	24	7.9	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	3.2 U	7.9	3.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		78-123%
2037-26-5	Toluene-D8	99%		71-137%
460-00-4	4-Bromofluorobenzene	104%		61-157%
17060-07-0	1,2-Dichloroethane-D4	99%		74-125%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB56-503		
Lab Sample ID:	F40230-8	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8270C BY SIM SW846 3550B	**Percent Solids:**	83.0
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R02559.D	4	05/08/06	ME	05/03/06	OP16474	SR118
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	PQL	MDL	Units	Q
83-32-9	Acenaphthene	79 U	310	79	ug/kg	
208-96-8	Acenaphthylene	79 U	310	79	ug/kg	
120-12-7	Anthracene	39 U	310	39	ug/kg	
56-55-3	Benzo(a)anthracene	16 U	63	16	ug/kg	
50-32-8	Benzo(a)pyrene	16 U	63	16	ug/kg	
205-99-2	Benzo(b)fluoranthene	16 U	63	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene	16 U	63	16	ug/kg	
207-08-9	Benzo(k)fluoranthene	16 U	63	16	ug/kg	
218-01-9	Chrysene	16 U	63	16	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	16 U	63	16	ug/kg	
206-44-0	Fluoranthene	39 U	310	39	ug/kg	
86-73-7	Fluorene	39 U	310	39	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	16 U	63	16	ug/kg	
90-12-0	1-Methylnaphthalene	39 U	310	39	ug/kg	
91-57-6	2-Methylnaphthalene	39 U	310	39	ug/kg	
91-20-3	Naphthalene	39 U	310	39	ug/kg	
85-01-8	Phenanthrene	39 U	310	39	ug/kg	
129-00-0	Pyrene	39 U	310	39	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	75%		41-123%
321-60-8	2-Fluorobiphenyl	81%		46-122%
1718-51-0	Terphenyl-d14	86%		45-135%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB56-503		
Lab Sample ID:	F40230-8	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	FLORIDA-PRO SW846 3550B	**Percent Solids:**	83.0
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP61034.D	1	04/28/06	VS	04/27/06	OP16422	GOP1689
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

CAS No.	Compound	Result	PQL	MDL	Units	Q
	TPH (C8-C40)	7.64	9.8	6.7	mg/kg	I

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	79%		49-116%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB57-503		
Lab Sample ID:	F40230-9	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8260B	**Percent Solids:**	92.9
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H037308.D	1	04/26/06	NAF	n/a	n/a	VH1392
Run #2							

	Initial Weight
Run #1	4.18 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	PQL	MDL	Units	Q
71-43-2	Benzene	2.6 U	6.4	2.6	ug/kg	
108-88-3	Toluene	2.6 U	6.4	2.6	ug/kg	
100-41-4	Ethylbenzene	2.6 U	6.4	2.6	ug/kg	
1330-20-7	Xylene (total)	6.4 U	19	6.4	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	2.6 U	6.4	2.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		78-123%
2037-26-5	Toluene-D8	98%		71-137%
460-00-4	4-Bromofluorobenzene	105%		61-157%
17060-07-0	1,2-Dichloroethane-D4	97%		74-125%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB57-503		
Lab Sample ID:	F40230-9	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8270C BY SIM SW846 3550B	**Percent Solids:**	92.9
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R02560.D	4	05/08/06	ME	05/03/06	OP16474	SR118
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	PQL	MDL	Units	Q
83-32-9	Acenaphthene	71 U	280	71	ug/kg	
208-96-8	Acenaphthylene	71 U	280	71	ug/kg	
120-12-7	Anthracene	35 U	280	35	ug/kg	
56-55-3	Benzo(a)anthracene	14 U	56	14	ug/kg	
50-32-8	Benzo(a)pyrene	14 U	56	14	ug/kg	
205-99-2	Benzo(b)fluoranthene	14 U	56	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	14 U	56	14	ug/kg	
207-08-9	Benzo(k)fluoranthene	14 U	56	14	ug/kg	
218-01-9	Chrysene	14 U	56	14	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	14 U	56	14	ug/kg	
206-44-0	Fluoranthene	35 U	280	35	ug/kg	
86-73-7	Fluorene	35 U	280	35	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	14 U	56	14	ug/kg	
90-12-0	1-Methylnaphthalene	35 U	280	35	ug/kg	
91-57-6	2-Methylnaphthalene	35 U	280	35	ug/kg	
91-20-3	Naphthalene	35 U	280	35	ug/kg	
85-01-8	Phenanthrene	35 U	280	35	ug/kg	
129-00-0	Pyrene	35 U	280	35	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	81%		41-123%
321-60-8	2-Fluorobiphenyl	90%		46-122%
1718-51-0	Terphenyl-d14	94%		45-135%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB57-503		
Lab Sample ID:	F40230-9	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	FLORIDA-PRO SW846 3550B	**Percent Solids:**	92.9
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP61035.D	1	04/28/06	VS	04/27/06	OP16422	GOP1689
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

CAS No.	Compound	Result	PQL	MDL	Units	Q
	TPH (C8-C40)	6.0 U	8.9	6.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	80%		49-116%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB58-503		
Lab Sample ID:	F40230-10	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8260B	**Percent Solids:**	92.0
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H037309.D	1	04/26/06	NAF	n/a	n/a	VH1392
Run #2							

	Initial Weight
Run #1	4.40 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	PQL	MDL	Units	Q
71-43-2	Benzene	2.5 U	6.2	2.5	ug/kg	
108-88-3	Toluene	2.5 U	6.2	2.5	ug/kg	
100-41-4	Ethylbenzene	2.5 U	6.2	2.5	ug/kg	
1330-20-7	Xylene (total)	6.2 U	19	6.2	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	2.5 U	6.2	2.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		78-123%
2037-26-5	Toluene-D8	98%		71-137%
460-00-4	4-Bromofluorobenzene	112%		61-157%
17060-07-0	1,2-Dichloroethane-D4	104%		74-125%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB58-503		
Lab Sample ID:	F40230-10	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8270C BY SIM SW846 3550B	**Percent Solids:**	92.0
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R02561.D	4	05/08/06	ME	05/03/06	OP16474	SR118
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	PQL	MDL	Units	Q
83-32-9	Acenaphthene	72 U	290	72	ug/kg	
208-96-8	Acenaphthylene	72 U	290	72	ug/kg	
120-12-7	Anthracene	36 U	290	36	ug/kg	
56-55-3	Benzo(a)anthracene	41.5	57	14	ug/kg	I
50-32-8	Benzo(a)pyrene	61.3	57	14	ug/kg	
205-99-2	Benzo(b)fluoranthene	99.6	57	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	28.0	57	14	ug/kg	I
207-08-9	Benzo(k)fluoranthene	27.8	57	14	ug/kg	I
218-01-9	Chrysene	29.6	57	14	ug/kg	I
53-70-3	Dibenzo(a,h)anthracene	14 U	57	14	ug/kg	
206-44-0	Fluoranthene	130	290	36	ug/kg	I
86-73-7	Fluorene	36 U	290	36	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	34.7	57	14	ug/kg	I
90-12-0	1-Methylnaphthalene	36 U	290	36	ug/kg	
91-57-6	2-Methylnaphthalene	36 U	290	36	ug/kg	
91-20-3	Naphthalene	36 U	290	36	ug/kg	
85-01-8	Phenanthrene	36 U	290	36	ug/kg	
129-00-0	Pyrene	183	290	36	ug/kg	I

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	95%		41-123%
321-60-8	2-Fluorobiphenyl	87%		46-122%
1718-51-0	Terphenyl-d14	93%		45-135%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB58-503		
Lab Sample ID:	F40230-10	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	FLORIDA-PRO SW846 3550B	**Percent Solids:**	92.0
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP61036.D	1	04/28/06	VS	04/27/06	OP16422	GOP1689
Run #2							

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2		

CAS No.	Compound	Result	PQL	MDL	Units	Q
	TPH (C8-C40)	100	8.9	6.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	82%		49-116%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB59-503		
Lab Sample ID:	F40230-11	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8260B	**Percent Solids:**	87.0
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H037310.D	1	04/26/06	NAF	n/a	n/a	VH1392
Run #2							

	Initial Weight
Run #1	3.87 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	PQL	MDL	Units	Q
71-43-2	Benzene	3.0 U	7.4	3.0	ug/kg	
108-88-3	Toluene	3.0 U	7.4	3.0	ug/kg	
100-41-4	Ethylbenzene	3.0 U	7.4	3.0	ug/kg	
1330-20-7	Xylene (total)	7.4 U	22	7.4	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	3.0 U	7.4	3.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		78-123%
2037-26-5	Toluene-D8	98%		71-137%
460-00-4	4-Bromofluorobenzene	104%		61-157%
17060-07-0	1,2-Dichloroethane-D4	99%		74-125%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB59-503		
Lab Sample ID:	F40230-11	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8270C BY SIM SW846 3550B	**Percent Solids:**	87.0
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R02562.D	4	05/08/06	ME	05/03/06	OP16474	SR118
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	PQL	MDL	Units	Q
83-32-9	Acenaphthene	76 U	300	76	ug/kg	
208-96-8	Acenaphthylene	76 U	300	76	ug/kg	
120-12-7	Anthracene	38 U	300	38	ug/kg	
56-55-3	Benzo(a)anthracene	15 U	61	15	ug/kg	
50-32-8	Benzo(a)pyrene	15 U	61	15	ug/kg	
205-99-2	Benzo(b)fluoranthene	15 U	61	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	15 U	61	15	ug/kg	
207-08-9	Benzo(k)fluoranthene	15 U	61	15	ug/kg	
218-01-9	Chrysene	15 U	61	15	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	15 U	61	15	ug/kg	
206-44-0	Fluoranthene	38 U	300	38	ug/kg	
86-73-7	Fluorene	38 U	300	38	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	15 U	61	15	ug/kg	
90-12-0	1-Methylnaphthalene	38 U	300	38	ug/kg	
91-57-6	2-Methylnaphthalene	38 U	300	38	ug/kg	
91-20-3	Naphthalene	38 U	300	38	ug/kg	
85-01-8	Phenanthrene	38 U	300	38	ug/kg	
129-00-0	Pyrene	38 U	300	38	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	76%		41-123%
321-60-8	2-Fluorobiphenyl	84%		46-122%
1718-51-0	Terphenyl-d14	88%		45-135%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB59-503		
Lab Sample ID:	F40230-11	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	FLORIDA-PRO SW846 3550B	**Percent Solids:**	87.0
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP61156.D	1	05/02/06	VS	05/01/06	OP16453	GOP1692
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

CAS No.	Compound	Result	PQL	MDL	Units	Q
	TPH (C8-C40)	6.5 U	9.5	6.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	80%		49-116%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB60-503		
Lab Sample ID:	F40230-12	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8260B	**Percent Solids:**	90.5
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H037311.D	1	04/26/06	NAF	n/a	n/a	VH1392
Run #2							

	Initial Weight
Run #1	4.03 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	PQL	MDL	Units	Q
71-43-2	Benzene	2.7 U	6.9	2.7	ug/kg	
108-88-3	Toluene	2.7 U	6.9	2.7	ug/kg	
100-41-4	Ethylbenzene	2.7 U	6.9	2.7	ug/kg	
1330-20-7	Xylene (total)	6.9 U	21	6.9	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	2.7 U	6.9	2.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		78-123%
2037-26-5	Toluene-D8	99%		71-137%
460-00-4	4-Bromofluorobenzene	103%		61-157%
17060-07-0	1,2-Dichloroethane-D4	99%		74-125%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB60-503		
Lab Sample ID:	F40230-12	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8270C BY SIM SW846 3550B	**Percent Solids:**	90.5
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R02563.D	4	05/08/06	ME	05/03/06	OP16474	SR118
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	PQL	MDL	Units	Q
83-32-9	Acenaphthene	73 U	290	73	ug/kg	
208-96-8	Acenaphthylene	73 U	290	73	ug/kg	
120-12-7	Anthracene	37 U	290	37	ug/kg	
56-55-3	Benzo(a)anthracene	15 U	59	15	ug/kg	
50-32-8	Benzo(a)pyrene	15 U	59	15	ug/kg	
205-99-2	Benzo(b)fluoranthene	15 U	59	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	15 U	59	15	ug/kg	
207-08-9	Benzo(k)fluoranthene	15 U	59	15	ug/kg	
218-01-9	Chrysene	15 U	59	15	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	15 U	59	15	ug/kg	
206-44-0	Fluoranthene	37 U	290	37	ug/kg	
86-73-7	Fluorene	37 U	290	37	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	15 U	59	15	ug/kg	
90-12-0	1-Methylnaphthalene	37 U	290	37	ug/kg	
91-57-6	2-Methylnaphthalene	37 U	290	37	ug/kg	
91-20-3	Naphthalene	37 U	290	37	ug/kg	
85-01-8	Phenanthrene	37 U	290	37	ug/kg	
129-00-0	Pyrene	37 U	290	37	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	75%		41-123%
321-60-8	2-Fluorobiphenyl	81%		46-122%
1718-51-0	Terphenyl-d14	87%		45-135%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	JAX-PCA25-SB60-503		
Lab Sample ID:	F40230-12	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	FLORIDA-PRO SW846 3550B	**Percent Solids:**	90.5
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP61159.D	1	05/02/06	VS	05/01/06	OP16453	GOP1692
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

CAS No.	Compound	Result	PQL	MDL	Units	Q
	TPH (C8-C40)	6.3 U	9.2	6.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	85%		49-116%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range
I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB61-503		
Lab Sample ID:	F40230-13	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8260B	**Percent Solids:**	90.7
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H037312.D	1	04/26/06	NAF	n/a	n/a	VH1392
Run #2							

	Initial Weight
Run #1	3.90 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	PQL	MDL	Units	Q
71-43-2	Benzene	2.8 U	7.1	2.8	ug/kg	
108-88-3	Toluene	2.8 U	7.1	2.8	ug/kg	
100-41-4	Ethylbenzene	2.8 U	7.1	2.8	ug/kg	
1330-20-7	Xylene (total)	7.1 U	21	7.1	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	2.8 U	7.1	2.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		78-123%
2037-26-5	Toluene-D8	100%		71-137%
460-00-4	4-Bromofluorobenzene	108%		61-157%
17060-07-0	1,2-Dichloroethane-D4	99%		74-125%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB61-503		
Lab Sample ID:	F40230-13	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8270C BY SIM SW846 3550B	**Percent Solids:**	90.7
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R02564.D	4	05/08/06	ME	05/03/06	OP16474	SR118
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	PQL	MDL	Units	Q
83-32-9	Acenaphthene	73 U	290	73	ug/kg	
208-96-8	Acenaphthylene	73 U	290	73	ug/kg	
120-12-7	Anthracene	37 U	290	37	ug/kg	
56-55-3	Benzo(a)anthracene	15 U	58	15	ug/kg	
50-32-8	Benzo(a)pyrene	15 U	58	15	ug/kg	
205-99-2	Benzo(b)fluoranthene	15 U	58	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	15 U	58	15	ug/kg	
207-08-9	Benzo(k)fluoranthene	15 U	58	15	ug/kg	
218-01-9	Chrysene	15 U	58	15	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	15 U	58	15	ug/kg	
206-44-0	Fluoranthene	37 U	290	37	ug/kg	
86-73-7	Fluorene	37 U	290	37	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	15 U	58	15	ug/kg	
90-12-0	1-Methylnaphthalene	37 U	290	37	ug/kg	
91-57-6	2-Methylnaphthalene	37 U	290	37	ug/kg	
91-20-3	Naphthalene	37 U	290	37	ug/kg	
85-01-8	Phenanthrene	37 U	290	37	ug/kg	
129-00-0	Pyrene	37 U	290	37	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	72%		41-123%
321-60-8	2-Fluorobiphenyl	87%		46-122%
1718-51-0	Terphenyl-d14	95%		45-135%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB61-503		
Lab Sample ID:	F40230-13	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	FLORIDA-PRO SW846 3550B	**Percent Solids:**	90.7
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP61181.D	1	05/02/06	VS	05/01/06	OP16453	GOP1692
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

CAS No.	Compound	Result	PQL	MDL	Units	Q
	TPH (C8-C40)	21.0	9.2	6.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	86%		49-116%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range
I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB62-503		
Lab Sample ID:	F40230-14	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8260B	**Percent Solids:**	90.8
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H037315.D	1	04/26/06	NAF	n/a	n/a	VH1392
Run #2							

	Initial Weight
Run #1	4.47 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	PQL	MDL	Units	Q
71-43-2	Benzene	2.5 U	6.2	2.5	ug/kg	
108-88-3	Toluene	2.5 U	6.2	2.5	ug/kg	
100-41-4	Ethylbenzene	2.5 U	6.2	2.5	ug/kg	
1330-20-7	Xylene (total)	6.2 U	18	6.2	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	2.5 U	6.2	2.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		78-123%
2037-26-5	Toluene-D8	99%		71-137%
460-00-4	4-Bromofluorobenzene	106%		61-157%
17060-07-0	1,2-Dichloroethane-D4	100%		74-125%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB62-503		
Lab Sample ID:	F40230-14	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8270C BY SIM SW846 3550B	**Percent Solids:**	90.8
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R02565.D	4	05/08/06	ME	05/03/06	OP16474	SR118
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	PQL	MDL	Units	Q
83-32-9	Acenaphthene	73 U	290	73	ug/kg	
208-96-8	Acenaphthylene	73 U	290	73	ug/kg	
120-12-7	Anthracene	37 U	290	37	ug/kg	
56-55-3	Benzo(a)anthracene	15 U	59	15	ug/kg	
50-32-8	Benzo(a)pyrene	15 U	59	15	ug/kg	
205-99-2	Benzo(b)fluoranthene	15 U	59	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	15 U	59	15	ug/kg	
207-08-9	Benzo(k)fluoranthene	15 U	59	15	ug/kg	
218-01-9	Chrysene	15 U	59	15	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	15 U	59	15	ug/kg	
206-44-0	Fluoranthene	37 U	290	37	ug/kg	
86-73-7	Fluorene	37 U	290	37	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	15 U	59	15	ug/kg	
90-12-0	1-Methylnaphthalene	37 U	290	37	ug/kg	
91-57-6	2-Methylnaphthalene	37 U	290	37	ug/kg	
91-20-3	Naphthalene	37 U	290	37	ug/kg	
85-01-8	Phenanthrene	37 U	290	37	ug/kg	
129-00-0	Pyrene	37 U	290	37	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	70%		41-123%
321-60-8	2-Fluorobiphenyl	78%		46-122%
1718-51-0	Terphenyl-d14	85%		45-135%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB62-503		
Lab Sample ID:	F40230-14	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	FLORIDA-PRO SW846 3550B	**Percent Solids:**	90.8
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP61161.D	1	05/02/06	VS	05/01/06	OP16453	GOP1692
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

CAS No.	Compound	Result	PQL	MDL	Units	Q
	TPH (C8-C40)	6.2 U	9.2	6.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	80%		49-116%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range
I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB63-503		
Lab Sample ID:	F40230-15	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8260B	**Percent Solids:**	92.1
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H037316.D	1	04/26/06	NAF	n/a	n/a	VH1392
Run #2							

	Initial Weight
Run #1	4.11 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	PQL	MDL	Units	Q
71-43-2	Benzene	2.6 U	6.6	2.6	ug/kg	
108-88-3	Toluene	2.6 U	6.6	2.6	ug/kg	
100-41-4	Ethylbenzene	2.6 U	6.6	2.6	ug/kg	
1330-20-7	Xylene (total)	6.6 U	20	6.6	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	2.6 U	6.6	2.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		78-123%
2037-26-5	Toluene-D8	102%		71-137%
460-00-4	4-Bromofluorobenzene	108%		61-157%
17060-07-0	1,2-Dichloroethane-D4	102%		74-125%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB63-503		
Lab Sample ID:	F40230-15	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8270C BY SIM SW846 3550B	**Percent Solids:**	92.1
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R02566.D	4	05/08/06	ME	05/03/06	OP16474	SR118
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	PQL	MDL	Units	Q
83-32-9	Acenaphthene	72 U	290	72	ug/kg	
208-96-8	Acenaphthylene	72 U	290	72	ug/kg	
120-12-7	Anthracene	36 U	290	36	ug/kg	
56-55-3	Benzo(a)anthracene	50.2	57	14	ug/kg	I
50-32-8	Benzo(a)pyrene	118	57	14	ug/kg	
205-99-2	Benzo(b)fluoranthene	173	57	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	103	57	14	ug/kg	
207-08-9	Benzo(k)fluoranthene	46.6	57	14	ug/kg	I
218-01-9	Chrysene	39.5	57	14	ug/kg	I
53-70-3	Dibenzo(a,h)anthracene	24.4	57	14	ug/kg	I
206-44-0	Fluoranthene	50.4	290	36	ug/kg	I
86-73-7	Fluorene	36 U	290	36	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	105	57	14	ug/kg	
90-12-0	1-Methylnaphthalene	36 U	290	36	ug/kg	
91-57-6	2-Methylnaphthalene	36 U	290	36	ug/kg	
91-20-3	Naphthalene	36 U	290	36	ug/kg	
85-01-8	Phenanthrene	36 U	290	36	ug/kg	
129-00-0	Pyrene	52.8	290	36	ug/kg	I

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	73%		41-123%
321-60-8	2-Fluorobiphenyl	83%		46-122%
1718-51-0	Terphenyl-d14	85%		45-135%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB63-503		
Lab Sample ID:	F40230-15	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	FLORIDA-PRO SW846 3550B	**Percent Solids:**	92.1
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP61162.D	10	05/02/06	VS	05/01/06	OP16453	GOP1692
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

CAS No.	Compound	Result	PQL	MDL	Units	Q
	TPH (C8-C40)	102	90	61	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	92%		49-116%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB64-503		
Lab Sample ID:	F40230-16	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8260B	**Percent Solids:**	84.7
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	H037324.D	1	04/26/06	NAF	n/a	n/a	VH1392
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	3.75 g	5.0 ml	50.0 ul
Run #2			

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	PQL	MDL	Units	Q
71-43-2	Benzene	350 U	880	350	ug/kg	
108-88-3	Toluene	350 U	880	350	ug/kg	
100-41-4	Ethylbenzene	350 U	880	350	ug/kg	
1330-20-7	Xylene (total)	880 U	2600	880	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	350 U	880	350	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		78-123%
2037-26-5	Toluene-D8	102%		71-137%
460-00-4	4-Bromofluorobenzene	182% [b]		61-157%
17060-07-0	1,2-Dichloroethane-D4	99%		74-125%

(a) Methanol extract analysis required due to matrix interference (non-target analytes present above calibration range).
(b) Outside control limits; however, sample is ND.

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range
I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB64-503		
Lab Sample ID:	F40230-16	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8270C BY SIM SW846 3550B	**Percent Solids:**	84.7
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R02567.D	40	05/08/06	ME	05/03/06	OP16474	SR118
Run #2	R02604.D	80	05/09/06	NJ	05/03/06	OP16474	SR120

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2	30.2 g	1.0 ml

BN PAH List

CAS No.	Compound	Result	PQL	MDL	Units	Q
83-32-9	Acenaphthene	780 U	3100	780	ug/kg	
208-96-8	Acenaphthylene	3100 U	3100	3100	ug/kg	
120-12-7	Anthracene	390 U	3100	390	ug/kg	
56-55-3	Benzo(a)anthracene	160 U	630	160	ug/kg	
50-32-8	Benzo(a)pyrene	160 U	630	160	ug/kg	
205-99-2	Benzo(b)fluoranthene	160 U	630	160	ug/kg	
191-24-2	Benzo(g,h,i)perylene	160 U	630	160	ug/kg	
207-08-9	Benzo(k)fluoranthene	160 U	630	160	ug/kg	
218-01-9	Chrysene	160 U	630	160	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	160 U	630	160	ug/kg	
206-44-0	Fluoranthene	390 U	3100	390	ug/kg	
86-73-7	Fluorene	1070	3100	390	ug/kg	I
193-39-5	Indeno(1,2,3-cd)pyrene	160 U	630	160	ug/kg	
90-12-0	1-Methylnaphthalene	66100	3100	390	ug/kg	
91-57-6	2-Methylnaphthalene	64700 [a]	6300	780	ug/kg	
91-20-3	Naphthalene	3100 U	3100	3100	ug/kg	
85-01-8	Phenanthrene	390 U	3100	390	ug/kg	
129-00-0	Pyrene	390 U	3100	390	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	0% [b]	0% [b]	41-123%
321-60-8	2-Fluorobiphenyl	0% [b]	0% [b]	46-122%
1718-51-0	Terphenyl-d14	0% [b]	0% [b]	45-135%

(a) Result is from Run# 2
(b) Outside control limits due to dilution.

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range
I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB64-503		
Lab Sample ID:	F40230-16	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	FLORIDA-PRO SW846 3550B	**Percent Solids:**	84.7
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP61183.D	400	05/02/06	VS	05/01/06	OP16453	GOP1692
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

CAS No.	Compound	Result	PQL	MDL	Units	Q
	TPH (C8-C40)	14500	3900	2700	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	0% [a]		49-116%

(a) Outside control limits due to dilution.

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range
I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB65-503		
Lab Sample ID:	F40230-17	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8260B	**Percent Solids:**	95.0
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H037317.D	1	04/26/06	NAF	n/a	n/a	VH1392
Run #2							

	Initial Weight
Run #1	3.51 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	PQL	MDL	Units	Q
71-43-2	Benzene	3.0 U	7.5	3.0	ug/kg	
108-88-3	Toluene	3.0 U	7.5	3.0	ug/kg	
100-41-4	Ethylbenzene	7.3	7.5	3.0	ug/kg	I
1330-20-7	Xylene (total)	7.5 U	22	7.5	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	3.0 U	7.5	3.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		78-123%
2037-26-5	Toluene-D8	97%		71-137%
460-00-4	4-Bromofluorobenzene	105%		61-157%
17060-07-0	1,2-Dichloroethane-D4	106%		74-125%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB65-503		
Lab Sample ID:	F40230-17	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8270C BY SIM SW846 3550B	**Percent Solids:**	95.0
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R02603.D	20	05/09/06	NJ	05/03/06	OP16474	SR120
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	PQL	MDL	Units	Q
83-32-9	Acenaphthene	1500	1400	350	ug/kg	
208-96-8	Acenaphthylene	350 U	1400	350	ug/kg	
120-12-7	Anthracene	2780	1400	170	ug/kg	
56-55-3	Benzo(a)anthracene	1620	280	69	ug/kg	
50-32-8	Benzo(a)pyrene	988	280	69	ug/kg	
205-99-2	Benzo(b)fluoranthene	1650	280	69	ug/kg	
191-24-2	Benzo(g,h,i)perylene	591	280	69	ug/kg	
207-08-9	Benzo(k)fluoranthene	581	280	69	ug/kg	
218-01-9	Chrysene	1900	280	69	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	153	280	69	ug/kg	I
206-44-0	Fluoranthene	8020	1400	170	ug/kg	
86-73-7	Fluorene	3000	1400	170	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	660	280	69	ug/kg	
90-12-0	1-Methylnaphthalene	1450	1400	170	ug/kg	
91-57-6	2-Methylnaphthalene	1930	1400	170	ug/kg	
91-20-3	Naphthalene	994	1400	170	ug/kg	I
85-01-8	Phenanthrene	12200	1400	170	ug/kg	
129-00-0	Pyrene	4530	1400	170	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	0% [a]		41-123%
321-60-8	2-Fluorobiphenyl	0% [a]		46-122%
1718-51-0	Terphenyl-d14	0% [a]		45-135%

(a) Outside control limits due to dilution.

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range
I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	JAX-PCA25-SB65-503		
Lab Sample ID:	F40230-17	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	FLORIDA-PRO SW846 3550B	**Percent Solids:**	95.0
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP61182.D	1	05/02/06	VS	05/01/06	OP16453	GOP1692
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

CAS No.	Compound	Result	PQL	MDL	Units	Q
	TPH (C8-C40)	42.3	8.8	6.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	82%		49-116%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB41-503		
Lab Sample ID:	F40230-18	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8260B SW846 1312	**Percent Solids:**	n/a
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N0011410.D	1	05/01/06	CS	04/26/06	OP16415	VN485
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List **SPLP Leachate method SW846 1312**

CAS No.	Compound	Result	MCL	PQL	MDL	Units	Q
67-64-1	Acetone	0.025 U		0.050	0.025	mg/l	
71-43-2	Benzene	0.00050 U		0.0010	0.00050	mg/l	
75-27-4	Bromodichloromethane	0.00050 U		0.0020	0.00050	mg/l	
75-25-2	Bromoform	0.00050 U		0.0020	0.00050	mg/l	
108-90-7	Chlorobenzene	0.00050 U		0.0020	0.00050	mg/l	
75-00-3	Chloroethane	0.0010 U		0.0020	0.0010	mg/l	
67-66-3	Chloroform	0.00050 U		0.0020	0.00050	mg/l	
75-15-0	Carbon disulfide	0.0010 U		0.0020	0.0010	mg/l	
56-23-5	Carbon tetrachloride	0.00050 U		0.0020	0.00050	mg/l	
75-34-3	1,1-Dichloroethane	0.00050 U		0.0020	0.00050	mg/l	
75-35-4	1,1-Dichloroethylene	0.00050 U		0.0020	0.00050	mg/l	
107-06-2	1,2-Dichloroethane	0.00050 U		0.0020	0.00050	mg/l	
78-87-5	1,2-Dichloropropane	0.00050 U		0.0020	0.00050	mg/l	
124-48-1	Dibromochloromethane	0.00040 U		0.0020	0.00040	mg/l	
156-59-2	cis-1,2-Dichloroethylene	0.00050 U		0.0020	0.00050	mg/l	
10061-01-5	cis-1,3-Dichloropropene	0.00030 U		0.0020	0.00030	mg/l	
156-60-5	trans-1,2-Dichloroethylene	0.00050 U		0.0020	0.00050	mg/l	
10061-02-6	trans-1,3-Dichloropropene	0.00030 U		0.0020	0.00030	mg/l	
100-41-4	Ethylbenzene	0.00050 U		0.0020	0.00050	mg/l	
591-78-6	2-Hexanone	0.0025 U		0.010	0.0025	mg/l	
108-10-1	4-Methyl-2-pentanone	0.0025 U		0.010	0.0025	mg/l	
74-83-9	Methyl bromide	0.0010 U		0.0020	0.0010	mg/l	
74-87-3	Methyl chloride	0.0010 U		0.0020	0.0010	mg/l	
75-09-2	Methylene chloride [a]	0.0064		0.0050	0.0010	mg/l	V
78-93-3	Methyl ethyl ketone	0.0025 U		0.010	0.0025	mg/l	
100-42-5	Styrene	0.00050 U		0.0020	0.00050	mg/l	
71-55-6	1,1,1-Trichloroethane	0.00050 U		0.0020	0.00050	mg/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.00040 U		0.0020	0.00040	mg/l	
79-00-5	1,1,2-Trichloroethane	0.00050 U		0.0020	0.00050	mg/l	
127-18-4	Tetrachloroethylene	0.00050 U		0.0020	0.00050	mg/l	
108-88-3	Toluene	0.00050 U		0.0020	0.00050	mg/l	
79-01-6	Trichloroethylene	0.00050 U		0.0020	0.00050	mg/l	

U = Not detected MDL - Method Detection Limit I = Result > = MDL but < PQL J = Estimated value
MCL = Maximum Contamination Level (not available) V = Indicates analyte found in associated method blank
L = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-SB41-503		
Lab Sample ID:	F40230-18	**Date Sampled:**	04/24/06
Matrix:	SO - Soil	**Date Received:**	04/25/06
Method:	SW846 8260B SW846 1312	**Percent Solids:**	n/a
Project:	NAS JAX- PCA 25		

VOA TCL List **SPLP Leachate method SW846 1312**

CAS No.	Compound	Result	MCL	PQL	MDL	Units	Q
75-01-4	Vinyl chloride	0.00050 U		0.0010	0.00050	mg/l	
1330-20-7	Xylene (total)	0.0010 U		0.0060	0.0010	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		86-115%
2037-26-5	Toluene-D8	95%		86-112%
460-00-4	4-Bromofluorobenzene	98%		83-119%
17060-07-0	1,2-Dichloroethane-D4	101%		73-126%

(a) Suspected laboratory contaminant.

U = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (not available)
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Southeast ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

TETRA TECH NUS, INC. F40230 CHAIN OF CUSTODY | NUMBER 3215 | PAGE ___ OF ___

PROJECT NO: 112G00132	FACILITY: NAS JAX-PCA25	PROJECT MANAGER: GREG KOOF	PHONE NUMBER: 904-636-6625
SAMPLERS (SIGNATURE): [signature]		FIELD OPERATIONS LEADER: ALAN PATE	PHONE NUMBER: SAME
		CARRIER/WAYBILL NUMBER: COURIER	

LABORATORY NAME AND CONTACT: ACCUTEST HEATHER WANDREY
ADDRESS: 4405 VINELAND RD. C-15
CITY, STATE: ORLANDO, FL 32811

STANDARD TAT ☐
RUSH TAT ☐ ☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G): G G
PRESERVATIVE USED: LAB PRESERVE –

TYPE OF ANALYSIS: GAG/KAG; SPLP (METHYLENE CHLORIDE)

	DATE YEAR 2006	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	GAG/KAG		SPLP (METHYLENE CHLORIDE)						COMMENTS
1	4/24	0825	JAX-PCA25-SB49-S03				SO	G	4	X		–						Cool to 4°C
2		0820	JAX-PCA25-SB50-S03							X		–						
3		0845	JAX-PCA25-SB51-S03							X		–						
4		0900	JAX-PCA25-SB52-S03							X		–						
5		1020	JAX-PCA25-SB53-S03							X		–						
6		1005	JAX-PCA25-SB54-S03							X		–						
7		1035	JAX-PCA25-SB55-S03							X		–						
8		1050	JAX-PCA25-SB56-S03							X		–						
9		1110	JAX-PCA25-SB57-S03							X		–						
10		1330	JAX-PCA25-SB58-S03							X		–						
11		1315	JAX-PCA25-SB59-S03							X		–						
12		1350	JAX-PCA25-SB60-S03							X		–						
13		1300	JAX-PCA25-SB61-S03							X		–						

1. RELINQUISHED BY: [signature]	DATE 4/24/06	TIME 14:40	1. RECEIVED BY: [signature] (Accutest)	DATE 4/24/06	TIME 14:40
2. RELINQUISHED BY: [signature] (Accutest)	DATE	TIME	2. RECEIVED BY: [signature]	DATE 4/25/06	TIME 0700
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R FORM NO. TtNUS-001

F40230: Chain of Custody
Page 1 of 3

TETRA TECH NUS, INC. F40230 CHAIN OF CUSTODY | NUMBER 3238 | PAGE ___ OF ___

PROJECT NO: 112G00132	FACILITY: NAS JAX - PCA25	PROJECT MANAGER: GREG ROOF	PHONE NUMBER: 904-636-6125
SAMPLERS (SIGNATURE): Alan Pate		FIELD OPERATIONS LEADER: ALAN PATE	PHONE NUMBER: SAME
		CARRIER/WAYBILL NUMBER: COURIER	

LABORATORY NAME AND CONTACT: ACCUTEST / HEATHER WANDKEY
ADDRESS: 4405 VINELAND Rd. C-15
CITY, STATE: ORLANDO, FL 32811

STANDARD TAT ☐
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G): G G
PRESERVATIVE USED: LAB PRESERVE —

	DATE YEAR 2006	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	TYPE OF ANALYSIS: GRO/DRO		SVOC (METHYLENE CHLORIDE)						COMMENTS
14	4/24	1240	JAX-PCA25-SB62-S03				SO	G	4	X		—						Cool to 4°C
15		1225	JAX-PCA25-SB63-S03						4	X		—						
16		1125	JAX-PCA25-SB64-S03						4	X		—						
17		1155	JAX-PCA25-SB65-S03						4	X		—						
18		1210	JAX-PCA25-SB41-S03						1			X						

1. RELINQUISHED BY: Alan Pate	DATE 4/24/06	TIME 14:40	1. RECEIVED BY: [illegible] (ACCUTEST)	DATE 4/24/06	TIME 14:40
2. RELINQUISHED BY: [illegible] (ACCUTEST)	DATE	TIME	2. RECEIVED BY: [illegible]	DATE 4/25/06	TIME 0700
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R

4.1

4

F40230: Chain of Custody
Page 2 of 3

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F40230 CLIENT: Tetra Tech PROJECT: 112G00132

DATE/TIME RECEIVED: 4/25/06 0700 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 2-4

METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS:

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] CHAIN OF CUSTODY NOT RECEIVED (COC)
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- [x] TRIP BLANK NOT PROVIDED
- [ ] TRIP BLANK NOT ON COC
- [ ] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [ ] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

MISC. INFORMATION

NUMBER OF ENCORES ? 8

NUMBER OF 5035 FIELD KITS ? 17

NUMBER OR LAB FILTERED METALS ? 8

SAMPLE INFORMATION

- [ ] SAMPLE LABELS PRESENT ON ALL BOTTLES
- [ ] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DON'T MATCH LABEL
- [ ] ID'S ON COC DON'T MATCH LABEL
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING INSTRUCTIONS
- [ ] UNCLEAR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE CONTAINER(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED
- [ ] 5035 FIELD KIT FROZEN WITHIN 48 HOUR'S

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE [signature] 4/25/06 TECHNICIAN SIGNATURE/DATE

ASRD03/07/06

4.1

4

F40230: Chain of Custody

Page 3 of 3

Southeast ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Internal Standard Area Summaries
- Surrogate Recovery Summaries
- Initial and Continuing Calibration Summaries

Method Blank Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VH1391-MB	H037284.D	1	04/25/06	NAF	n/a	n/a	VH1391

The QC reported here applies to the following samples: **Method:** SW846 8260B

F40230-1, F40230-2, F40230-3, F40230-4, F40230-5, F40230-6, F40230-7

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	2.0	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	2.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	2.0	ug/kg	
108-88-3	Toluene	ND	5.0	2.0	ug/kg	
1330-20-7	Xylene (total)	ND	15	5.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	93%	78-123%
2037-26-5	Toluene-D8	98%	71-137%
460-00-4	4-Bromofluorobenzene	105%	61-157%
17060-07-0	1,2-Dichloroethane-D4	100%	74-125%

Method Blank Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VH1392-MB	H037306.D	1	04/26/06	NAF	n/a	n/a	VH1392

The QC reported here applies to the following samples: **Method:** SW846 8260B

F40230-8, F40230-9, F40230-10, F40230-11, F40230-12, F40230-13, F40230-14, F40230-15, F40230-16, F40230-17

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	2.0	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	2.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	2.0	ug/kg	
108-88-3	Toluene	ND	5.0	2.0	ug/kg	
1330-20-7	Xylene (total)	ND	15	5.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	95%	78-123%
2037-26-5	Toluene-D8	116%	71-137%
460-00-4	4-Bromofluorobenzene	104%	61-157%
17060-07-0	1,2-Dichloroethane-D4	100%	74-125%

Leachate Blank Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16415-LB	N0011406.D	1	05/01/06	CS	04/26/06	OP16415	VN485

The QC reported here applies to the following samples: **Method:** SW846 8260B

F40230-18

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	25	ug/l	
71-43-2	Benzene	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	0.50	ug/l	
75-25-2	Bromoform	ND	2.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	2.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	2.0	0.50	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	2.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.50	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	0.40	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	2.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.30	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	2.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	10	2.5	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	10	2.5	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
75-09-2	Methylene chloride	6.6	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	10	2.5	ug/l	
100-42-5	Styrene	ND	2.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.40	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	2.0	0.50	ug/l	
108-88-3	Toluene	ND	2.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	2.0	0.50	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.50	ug/l	
1330-20-7	Xylene (total)	ND	6.0	1.0	ug/l	

Leachate Blank Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16415-LB	N0011406.D	1	05/01/06	CS	04/26/06	OP16415	VN485

The QC reported here applies to the following samples: **Method:** SW846 8260B

F40230-18

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	104%	86-115%
17060-07-0	1,2-Dichloroethane-D4	101%	73-126%
2037-26-5	Toluene-D8	95%	86-112%
460-00-4	4-Bromofluorobenzene	102%	83-119%

Blank Spike Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VH1391-BS	H037283.D	1	04/25/06	NAF	n/a	n/a	VH1391

The QC reported here applies to the following samples: **Method:** SW846 8260B

F40230-1, F40230-2, F40230-3, F40230-4, F40230-5, F40230-6, F40230-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	61.6	123	74-124
100-41-4	Ethylbenzene	50	52.5	105	77-120
1634-04-4	Methyl Tert Butyl Ether	50	56.0	112	77-131
108-88-3	Toluene	50	49.2	98	74-118
1330-20-7	Xylene (total)	150	160	107	78-122

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	118%	78-123%
2037-26-5	Toluene-D8	95%	71-137%
460-00-4	4-Bromofluorobenzene	100%	61-157%
17060-07-0	1,2-Dichloroethane-D4	133%*	74-125%

Blank Spike Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VH1392-BS	H037305.D	1	04/26/06	NAF	n/a	n/a	VH1392

The QC reported here applies to the following samples: **Method:** SW846 8260B

F40230-8, F40230-9, F40230-10, F40230-11, F40230-12, F40230-13, F40230-14, F40230-15, F40230-16, F40230-17

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	56.9	114	74-124
100-41-4	Ethylbenzene	50	58.0	116	77-120
1634-04-4	Methyl Tert Butyl Ether	50	48.3	97	77-131
108-88-3	Toluene	50	55.6	111	74-118
1330-20-7	Xylene (total)	150	176	117	78-122

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	94%	78-123%
2037-26-5	Toluene-D8	96%	71-137%
460-00-4	4-Bromofluorobenzene	101%	61-157%
17060-07-0	1,2-Dichloroethane-D4	98%	74-125%

Blank Spike Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN485-BS	N0011405.D	1	05/01/06	CS	n/a	n/a	VN485

The QC reported here applies to the following samples: **Method:** SW846 8260B

F40230-18

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	118	94	44-142
71-43-2	Benzene	25	25.5	102	80-120
75-27-4	Bromodichloromethane	25	24.1	96	75-120
75-25-2	Bromoform	25	21.4	86	60-129
108-90-7	Chlorobenzene	25	23.9	96	82-112
75-00-3	Chloroethane	25	31.5	126	67-148
67-66-3	Chloroform	25	26.4	106	78-118
75-15-0	Carbon disulfide	25	20.0	80	65-147
56-23-5	Carbon tetrachloride	25	25.0	100	69-137
75-34-3	1,1-Dichloroethane	25	26.4	106	75-117
75-35-4	1,1-Dichloroethylene	25	20.7	83	67-134
107-06-2	1,2-Dichloroethane	25	24.1	96	68-121
78-87-5	1,2-Dichloropropane	25	24.6	98	78-122
124-48-1	Dibromochloromethane	25	22.2	89	68-118
156-59-2	cis-1,2-Dichloroethylene	25	24.7	99	81-120
10061-01-5	cis-1,3-Dichloropropene	25	24.9	100	73-115
156-60-5	trans-1,2-Dichloroethylene	25	26.4	106	74-125
10061-02-6	trans-1,3-Dichloropropene	25	24.4	98	69-115
100-41-4	Ethylbenzene	25	24.2	97	82-115
591-78-6	2-Hexanone	125	98.4	79	60-125
108-10-1	4-Methyl-2-pentanone	125	103	82	61-128
74-83-9	Methyl bromide	25	32.2	129	60-165
74-87-3	Methyl chloride	25	31.9	128	58-152
75-09-2	Methylene chloride	25	30.4	122	66-125
78-93-3	Methyl ethyl ketone	125	99.6	80	58-127
100-42-5	Styrene	25	22.4	90	58-125
71-55-6	1,1,1-Trichloroethane	25	26.7	107	78-132
79-34-5	1,1,2,2-Tetrachloroethane	25	22.5	90	67-119
79-00-5	1,1,2-Trichloroethane	25	22.3	89	74-115
127-18-4	Tetrachloroethylene	25	24.2	97	75-126
108-88-3	Toluene	25	23.8	95	81-114
79-01-6	Trichloroethylene	25	26.1	104	80-115
75-01-4	Vinyl chloride	25	33.4	134	70-151
1330-20-7	Xylene (total)	75	71.2	95	81-118

Blank Spike Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN485-BS	N0011405.D	1	05/01/06	CS	n/a	n/a	VN485

The QC reported here applies to the following samples: **Method:** SW846 8260B

F40230-18

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	104%	86-115%
17060-07-0	1,2-Dichloroethane-D4	100%	73-126%
2037-26-5	Toluene-D8	94%	86-112%
460-00-4	4-Bromofluorobenzene	97%	83-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F40207-1MS	H037287.D	1	04/25/06	NAF	n/a	n/a	VH1391
F40207-1MSD	H037288.D	1	04/25/06	NAF	n/a	n/a	VH1391
F40207-1	H037285.D	1	04/25/06	NAF	n/a	n/a	VH1391

The QC reported here applies to the following samples: **Method:** SW846 8260B

F40230-1, F40230-2, F40230-3, F40230-4, F40230-5, F40230-6, F40230-7

CAS No.	Compound	F40207-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	8.0 U		61.2	53.0	87	54.3	90	2	63-135/23
100-41-4	Ethylbenzene	8.0 U		61.2	49.1	80	52.3	87	6	63-142/25
1634-04-4	Methyl Tert Butyl Ether	8.0 U		61.2	50.9	83	51.1	85	0	53-122/28
108-88-3	Toluene	8.0 U		61.2	49.0	80	51.3	85	5	62-142/29
1330-20-7	Xylene (total)	24 U		184	149	81	159	88	6	64-142/24

CAS No.	Surrogate Recoveries	MS	MSD	F40207-1	Limits
1868-53-7	Dibromofluoromethane	96%	96%	93%	78-123%
2037-26-5	Toluene-D8	99%	99%	99%	71-137%
460-00-4	4-Bromofluorobenzene	105%	103%	107%	61-157%
17060-07-0	1,2-Dichloroethane-D4	108%	100%	104%	74-125%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F40230-8MS	H037313.D	1	04/26/06	NAF	n/a	n/a	VH1392
F40230-8MSD	H037314.D	1	04/26/06	NAF	n/a	n/a	VH1392
F40230-8	H037307.D	1	04/26/06	NAF	n/a	n/a	VH1392

The QC reported here applies to the following samples: **Method:** SW846 8260B

F40230-8, F40230-9, F40230-10, F40230-11, F40230-12, F40230-13, F40230-14, F40230-15, F40230-16, F40230-17

CAS No.	Compound	F40230-8 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	7.9	U	59.3	48.5	82	54.9	91	12	63-135/23
100-41-4	Ethylbenzene	7.9	U	59.3	46.5	78	55.4	92	17	63-142/25
1634-04-4	Methyl Tert Butyl Ether	7.9	U	59.3	44.1	74	49.4	82	11	53-122/28
108-88-3	Toluene	7.9	U	59.3	45.3	76	53.3	88	16	62-142/29
1330-20-7	Xylene (total)	24	U	178	143	80	171	94	18	64-142/24

CAS No.	Surrogate Recoveries	MS	MSD	F40230-8	Limits
1868-53-7	Dibromofluoromethane	95%	98%	93%	78-123%
2037-26-5	Toluene-D8	97%	97%	99%	71-137%
460-00-4	4-Bromofluorobenzene	102%	99%	104%	61-157%
17060-07-0	1,2-Dichloroethane-D4	107%	106%	99%	74-125%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F39956-1RMS	N0011412.D	1	05/01/06	CS	n/a	n/a	VN485
F39956-1RMSD	N0011413.D	1	05/01/06	CS	n/a	n/a	VN485
F39956-1R	N0011407.D	1	05/01/06	CS	04/26/06	OP16415	VN485

The QC reported here applies to the following samples: **Method:** SW846 8260B

F40230-18

CAS No.	Compound	F39956-1R ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	50 U		125	123	98	111	89	10	45-127/15
71-43-2	Benzene	1.0 U		25	24.2	97	23.6	94	3	72-125/7
75-27-4	Bromodichloromethane	2.0 U		25	22.2	89	22.1	88	0	72-120/8
75-25-2	Bromoform	2.0 U		25	19.3	77	18.5	74	4	55-127/11
108-90-7	Chlorobenzene	2.0 U		25	22.3	89	22.0	88	1	79-113/7
75-00-3	Chloroethane	2.0 U		25	29.4	118	33.6	134	13	56-164/14
67-66-3	Chloroform	2.0 U		25	24.8	99	24.4	98	2	75-120/8
75-15-0	Carbon disulfide	2.0 U		25	23.7	95	22.9	92	3	60-151/12
56-23-5	Carbon tetrachloride	2.0 U		25	22.5	90	25.8	103	14*	56-145/12
75-34-3	1,1-Dichloroethane	2.0 U		25	24.9	100	24.4	98	2	70-122/10
75-35-4	1,1-Dichloroethylene	2.0 U		25	26.3	105	24.8	99	6	61-137/15
107-06-2	1,2-Dichloroethane	2.0 U		25	23.0	92	22.5	90	2	64-124/7
78-87-5	1,2-Dichloropropane	2.0 U		25	23.3	93	23.0	92	1	74-123/8
124-48-1	Dibromochloromethane	2.0 U		25	19.4	78	19.3	77	1	63-119/9
156-59-2	cis-1,2-Dichloroethylene	2.0 U		25	23.0	92	22.7	91	1	74-125/9
10061-01-5	cis-1,3-Dichloropropene	2.0 U		25	23.1	92	22.7	91	2	65-112/10
156-60-5	trans-1,2-Dichloroethylene	2.0 U		25	24.7	99	24.1	96	2	70-127/11
10061-02-6	trans-1,3-Dichloropropene	2.0 U		25	22.0	88	22.0	88	0	59-116/11
100-41-4	Ethylbenzene	2.0 U		25	22.6	90	22.3	89	1	73-119/8
591-78-6	2-Hexanone	10 U		125	93.0	74	83.5	67	11	54-131/11
108-10-1	4-Methyl-2-pentanone	10 U		125	98.2	79	88.9	71	10	57-136/11
74-83-9	Methyl bromide	2.0 U		25	27.5	110	27.4	110	0	52-172/16
74-87-3	Methyl chloride	2.0 U		25	32.4	130	31.3	125	3	53-155/19
75-09-2	Methylene chloride	3.1	I	25	26.9	95	26.3	93	2	61-129/11
78-93-3	Methyl ethyl ketone	10 U		125	102	82	89.2	71	13*	51-128/10
100-42-5	Styrene	2.0 U		25	20.2	81	20.2	81	0	64-124/11
71-55-6	1,1,1-Trichloroethane	2.0 U		25	24.7	99	24.2	97	2	72-133/8
79-34-5	1,1,2,2-Tetrachloroethane	2.0 U		25	20.8	83	19.7	79	5	64-120/10
79-00-5	1,1,2-Trichloroethane	2.0 U		25	20.1	80	20.0	80	0	72-116/9
127-18-4	Tetrachloroethylene	2.0 U		25	22.1	88	21.8	87	1	70-126/9
108-88-3	Toluene	2.0 U		25	21.5	86	21.4	86	0	67-123/8
79-01-6	Trichloroethylene	2.0 U		25	24.5	98	24.5	98	0	73-117/10
75-01-4	Vinyl chloride	1.0 U		25	34.9	140	33.9	136	3	63-161/18
1330-20-7	Xylene (total)	6.0 U		75	65.5	87	65.4	87	0	73-122/7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F39956-1RMS	N0011412.D	1	05/01/06	CS	n/a	n/a	VN485
F39956-1RMSD	N0011413.D	1	05/01/06	CS	n/a	n/a	VN485
F39956-1R	N0011407.D	1	05/01/06	CS	04/26/06	OP16415	VN485

The QC reported here applies to the following samples: **Method:** SW846 8260B

F40230-18

CAS No.	Surrogate Recoveries	MS	MSD	F39956-1R	Limits
1868-53-7	Dibromofluoromethane	105%	105%	104%	86-115%
17060-07-0	1,2-Dichloroethane-D4	100%	99%	100%	73-126%
2037-26-5	Toluene-D8	92%	93%	95%	86-112%
460-00-4	4-Bromofluorobenzene	94%	96%	100%	83-119%

Duplicate Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F40230-18DUP	N0011411.D	1	05/01/06	CS	n/a	n/a	VN485
F40230-18	N0011410.D	1	05/01/06	CS	04/26/06	OP16415	VN485

The QC reported here applies to the following samples: **Method:** SW846 8260B

F40230-18

CAS No.	Compound	F40230-18 ug/l	Q	DUP ug/l	Q	RPD	Limits
67-64-1	Acetone	50 U		ND		nc	30 [a]
71-43-2	Benzene	1.0 U		ND		nc	30 [a]
75-27-4	Bromodichloromethane	2.0 U		ND		nc	30 [a]
75-25-2	Bromoform	2.0 U		ND		nc	30 [a]
108-90-7	Chlorobenzene	2.0 U		ND		nc	30 [a]
75-00-3	Chloroethane	2.0 U		ND		nc	30 [a]
67-66-3	Chloroform	2.0 U		ND		nc	30 [a]
75-15-0	Carbon disulfide	2.0 U		ND		nc	30 [a]
56-23-5	Carbon tetrachloride	2.0 U		ND		nc	30 [a]
75-34-3	1,1-Dichloroethane	2.0 U		ND		nc	30 [a]
75-35-4	1,1-Dichloroethylene	2.0 U		ND		nc	30 [a]
107-06-2	1,2-Dichloroethane	2.0 U		ND		nc	30 [a]
78-87-5	1,2-Dichloropropane	2.0 U		ND		nc	30 [a]
124-48-1	Dibromochloromethane	2.0 U		ND		nc	30 [a]
156-59-2	cis-1,2-Dichloroethylene	2.0 U		ND		nc	30 [a]
10061-01-5	cis-1,3-Dichloropropene	2.0 U		ND		nc	30 [a]
156-60-5	trans-1,2-Dichloroethylene	2.0 U		ND		nc	30 [a]
10061-02-6	trans-1,3-Dichloropropene	2.0 U		ND		nc	30 [a]
100-41-4	Ethylbenzene	2.0 U		ND		nc	30 [a]
591-78-6	2-Hexanone	10 U		ND		nc	30 [a]
108-10-1	4-Methyl-2-pentanone	10 U		ND		nc	30 [a]
74-83-9	Methyl bromide	2.0 U		ND		nc	30 [a]
74-87-3	Methyl chloride	2.0 U		ND		nc	30 [a]
75-09-2	Methylene chloride	6.4	V	5.1	V	23 [b]	30 [a]
78-93-3	Methyl ethyl ketone	10 U		ND		nc	30 [a]
100-42-5	Styrene	2.0 U		ND		nc	30 [a]
71-55-6	1,1,1-Trichloroethane	2.0 U		ND		nc	30 [a]
79-34-5	1,1,2,2-Tetrachloroethane	2.0 U		ND		nc	30 [a]
79-00-5	1,1,2-Trichloroethane	2.0 U		ND		nc	30 [a]
127-18-4	Tetrachloroethylene	2.0 U		ND		nc	30 [a]
108-88-3	Toluene	2.0 U		ND		nc	30 [a]
79-01-6	Trichloroethylene	2.0 U		ND		nc	30 [a]
75-01-4	Vinyl chloride	1.0 U		ND		nc	30 [a]
1330-20-7	Xylene (total)	6.0 U		ND		nc	30 [a]

Duplicate Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F40230-18DUP	N0011411.D	1	05/01/06	CS	n/a	n/a	VN485
F40230-18	N0011410.D	1	05/01/06	CS	04/26/06	OP16415	VN485

The QC reported here applies to the following samples: **Method:** SW846 8260B

F40230-18

CAS No.	Surrogate Recoveries	DUP	F40230-18	Limits
1868-53-7	Dibromofluoromethane	103%	104%	86-115%
17060-07-0	1,2-Dichloroethane-D4	101%	101%	73-126%
2037-26-5	Toluene-D8	95%	95%	86-112%
460-00-4	4-Bromofluorobenzene	98%	98%	83-119%

(a) Advisory control limits.
(b) Suspected laboratory contaminant.

Instrument Performance Check (BFB)

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VH1391-BFB
Lab File ID: H037275.D
Instrument ID: GCMSH
Injection Date: 04/25/06
Injection Time: 12:05

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	20954	16.0		Pass
75	30.0 - 60.0% of mass 95	52178	39.7		Pass
95	Base peak, 100% relative abundance	131349	100.0		Pass
96	5.0 - 9.0% of mass 95	7998	6.1		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 100.0% of mass 95	112424	85.6		Pass
175	5.0 - 9.0% of mass 174	7847	6.0	(7.0) [a]	Pass
176	95.0 - 101.0% of mass 174	110861	84.4	(98.6) [a]	Pass
177	5.0 - 9.0% of mass 176	7172	5.5	(6.5) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VH1391-IC1391	H037276.D	04/25/06	12:21	00:16	Initial cal 5
VH1391-IC1391	H037277.D	04/25/06	12:49	00:44	Initial cal 20
VH1391-IC1391	H037278.D	04/25/06	13:18	01:13	Initial cal 50
VH1391-ICC1391	H037279.D	04/25/06	13:45	01:40	Initial cal 100
VH1391-IC1391	H037280.D	04/25/06	14:14	02:09	Initial cal 150
VH1391-IC1391	H037281.D	04/25/06	14:42	02:37	Initial cal 200
VH1391-ICV1391	H037282.D	04/25/06	15:15	03:10	Initial cal verification 100
VH1391-BS	H037283.D	04/25/06	16:02	03:57	Blank Spike
VH1391-MB	H037284.D	04/25/06	16:30	04:25	Method Blank
F40207-1	H037285.D	04/25/06	16:59	04:54	(used for QC only; not part of job F40230)
ZZZZZZ	H037286.D	04/25/06	17:27	05:22	(unrelated sample)
F40207-1MS	H037287.D	04/25/06	17:55	05:50	Matrix Spike
F40207-1MSD	H037288.D	04/25/06	18:23	06:18	Matrix Spike Duplicate
ZZZZZZ	H037289.D	04/25/06	18:51	06:46	(unrelated sample)
ZZZZZZ	H037290.D	04/25/06	19:19	07:14	(unrelated sample)
ZZZZZZ	H037291.D	04/25/06	19:47	07:42	(unrelated sample)
ZZZZZZ	H037292.D	04/25/06	20:15	08:10	(unrelated sample)
ZZZZZZ	H037293.D	04/25/06	20:43	08:38	(unrelated sample)
F40230-1	H037294.D	04/25/06	21:11	09:06	JAX-PCA25-SB49-503
F40230-2	H037295.D	04/25/06	21:39	09:34	JAX-PCA25-SB50-503
F40230-3	H037296.D	04/25/06	22:08	10:03	JAX-PCA25-SB51-503
F40230-4	H037297.D	04/25/06	22:36	10:31	JAX-PCA25-SB52-503
F40230-5	H037298.D	04/25/06	23:03	10:58	JAX-PCA25-SB53-503
F40230-6	H037299.D	04/25/06	23:32	11:27	JAX-PCA25-SB54-503

Instrument Performance Check (BFB)

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VH1391-BFB
Lab File ID: H037275.D
Instrument ID: GCMSH
Injection Date: 04/25/06
Injection Time: 12:05

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
F40230-7	H037300.D	04/26/06	00:00	11:55	JAX-PCA25-SB55-503

Instrument Performance Check (BFB)

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VH1392-BFB
Lab File ID: H037303.D
Instrument ID: GCMSH
Injection Date: 04/26/06
Injection Time: 10:31

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	37018	16.0		Pass
75	30.0 - 60.0% of mass 95	88688	38.3		Pass
95	Base peak, 100% relative abundance	231466	100.0		Pass
96	5.0 - 9.0% of mass 95	14741	6.4		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 100.0% of mass 95	205717	88.9		Pass
175	5.0 - 9.0% of mass 174	14524	6.3	(7.1) [a]	Pass
176	95.0 - 101.0% of mass 174	199146	86.0	(96.8) [a]	Pass
177	5.0 - 9.0% of mass 176	12188	5.3	(6.1) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VH1392-CC1391	H037304.D	04/26/06	10:47	00:16	Continuing cal 100
VH1392-BS	H037305.D	04/26/06	11:32	01:01	Blank Spike
VH1392-MB	H037306.D	04/26/06	12:00	01:29	Method Blank
F40230-8	H037307.D	04/26/06	13:49	03:18	JAX-PCA25-SB56-503
F40230-9	H037308.D	04/26/06	14:18	03:47	JAX-PCA25-SB57-503
F40230-10	H037309.D	04/26/06	14:46	04:15	JAX-PCA25-SB58-503
F40230-11	H037310.D	04/26/06	15:14	04:43	JAX-PCA25-SB59-503
F40230-12	H037311.D	04/26/06	15:42	05:11	JAX-PCA25-SB60-503
F40230-13	H037312.D	04/26/06	16:10	05:39	JAX-PCA25-SB61-503
F40230-8MS	H037313.D	04/26/06	16:38	06:07	Matrix Spike
F40230-8MSD	H037314.D	04/26/06	17:06	06:35	Matrix Spike Duplicate
F40230-14	H037315.D	04/26/06	17:34	07:03	JAX-PCA25-SB62-503
F40230-15	H037316.D	04/26/06	18:02	07:31	JAX-PCA25-SB63-503
F40230-17	H037317.D	04/26/06	18:30	07:59	JAX-PCA25-SB65-503
ZZZZZZ	H037318.D	04/26/06	18:58	08:27	(unrelated sample)
ZZZZZZ	H037319.D	04/26/06	19:27	08:56	(unrelated sample)
ZZZZZZ	H037320.D	04/26/06	19:55	09:24	(unrelated sample)
ZZZZZZ	H037321.D	04/26/06	20:23	09:52	(unrelated sample)
ZZZZZZ	H037322.D	04/26/06	20:51	10:20	(unrelated sample)
F40230-16	H037324.D	04/26/06	21:47	11:16	JAX-PCA25-SB64-503

Instrument Performance Check (BFB)

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VN480-BFB
Lab File ID: N0011304.D
Instrument ID: GCMSN
Injection Date: 04/26/06
Injection Time: 08:35

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	20261	18.4		Pass
75	30.0 - 60.0% of mass 95	51778	46.9		Pass
95	Base peak, 100% relative abundance	110306	100.0		Pass
96	5.0 - 9.0% of mass 95	7411	6.7		Pass
173	Less than 2.0% of mass 174	529	0.48	(0.6) [a]	Pass
174	50.0 - 100.0% of mass 95	88413	80.2		Pass
175	5.0 - 9.0% of mass 174	6521	5.9	(7.4) [a]	Pass
176	95.0 - 101.0% of mass 174	87480	79.3	(98.9) [a]	Pass
177	5.0 - 9.0% of mass 176	5902	5.4	(6.7) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VN480-IC480	N0011305.D	04/26/06	11:48	03:13	Initial cal 1
VN480-IC480	N0011306.D	04/26/06	12:17	03:42	Initial cal 2
VN480-IC480	N0011307.D	04/26/06	12:45	04:10	Initial cal 3
VN480-ICC480	N0011308.D	04/26/06	13:14	04:39	Initial cal 4
VN480-IC480	N0011309.D	04/26/06	13:43	05:08	Initial cal 5
VN480-IC480	N0011310.D	04/26/06	14:12	05:37	Initial cal 6
VN480-ICV480	N0011311.D	04/26/06	14:40	06:05	Initial cal verification 4

Instrument Performance Check (BFB)

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VN485-BFB
Lab File ID: N0011403.D
Instrument ID: GCMSN
Injection Date: 05/01/06
Injection Time: 08:49

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	17402	18.9		Pass
75	30.0 - 60.0% of mass 95	42874	46.7		Pass
95	Base peak, 100% relative abundance	91880	100.0		Pass
96	5.0 - 9.0% of mass 95	6422	7.0		Pass
173	Less than 2.0% of mass 174	260	0.28	(0.36) [a]	Pass
174	50.0 - 100.0% of mass 95	72053	78.4		Pass
175	5.0 - 9.0% of mass 174	5036	5.5	(7.0) [a]	Pass
176	95.0 - 101.0% of mass 174	71725	78.1	(99.5) [a]	Pass
177	5.0 - 9.0% of mass 176	4537	4.9	(6.3) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VN485-CC480	N0011404.D	05/01/06	09:15	00:26	Continuing cal 4
VN485-BS	N0011405.D	05/01/06	09:46	00:57	Blank Spike
OP16415-LB	N0011406.D	05/01/06	10:14	01:25	Leachate Blank
F39956-1R	N0011407.D	05/01/06	10:42	01:53	(used for QC only; not part of job F40230)
ZZZZZZ	N0011408.D	05/01/06	11:10	02:21	(unrelated sample)
ZZZZZZ	N0011409.D	05/01/06	11:38	02:49	(unrelated sample)
F40230-18	N0011410.D	05/01/06	12:07	03:18	JAX-PCA25-SB41-503
F40230-18DUP	N0011411.D	05/01/06	12:35	03:46	Duplicate
F39956-1RMS	N0011412.D	05/01/06	13:03	04:14	Matrix Spike
F39956-1RMSD	N0011413.D	05/01/06	13:32	04:43	Matrix Spike Duplicate
VN486-BS	N0011414.D	05/01/06	14:01	05:12	Blank Spike
VN486-MB	N0011415.D	05/01/06	14:29	05:40	Method Blank
F40152-20	N0011416.D	05/01/06	14:58	06:09	(used for QC only; not part of job F40230)
F40152-20MS	N0011417.D	05/01/06	15:26	06:37	Matrix Spike
F40152-20MSD	N0011418.D	05/01/06	15:54	07:05	Matrix Spike Duplicate
ZZZZZZ	N0011419.D	05/01/06	16:23	07:34	(unrelated sample)
ZZZZZZ	N0011420.D	05/01/06	16:51	08:02	(unrelated sample)
ZZZZZZ	N0011421.D	05/01/06	17:20	08:31	(unrelated sample)
ZZZZZZ	N0011422.D	05/01/06	17:48	08:59	(unrelated sample)

Volatile Internal Standard Area Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Check Std: VH1391-ICC1391 **Injection Date:** 04/25/06
Lab File ID: H037279.D **Injection Time:** 13:45
Instrument ID: GCMSH **Method:** SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT
Check Std	866837	9.93	741306	13.04	424297	15.43	173404	7.21
Upper Limit [a]	1733674	10.43	1482612	13.54	848594	15.93	346808	7.71
Lower Limit [b]	433419	9.43	370653	12.54	212149	14.93	86702	6.71

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT
VH1391-BS	878731	9.94	756421	13.04	414836	15.43	187275	7.22
VH1391-MB	930381	9.94	758562	13.04	364198	15.44	142273	7.22
F40207-1	944341	9.94	776064	13.05	353015	15.44	166326	7.22
ZZZZZZ	1007408	9.93	791973	13.04	345296	15.45	154878	7.22
F40207-1MS	1035534	9.94	856780	13.04	422959	15.45	161238	7.21
F40207-1MSD	999942	9.94	823145	13.04	405768	15.44	154665	7.22
ZZZZZZ	1019326	9.93	795114	13.04	366167	15.45	166126	7.23
ZZZZZZ	994637	9.94	791362	13.04	371315	15.44	166260	7.23
ZZZZZZ	950824	9.94	762217	13.04	348800	15.44	185013	7.22
ZZZZZZ	947743	9.93	808782	13.04	443672	15.43	195357	7.24
ZZZZZZ	996383	9.92	726025	13.03	408311	15.44	193934	7.23
F40230-1	831741	9.93	634320	13.04	225406	15.43	169581	7.22
F40230-2	1004527	9.93	662271	13.04	308799	15.43	169687	7.22
F40230-3	1029307	9.93	650094	13.04	280525	15.43	161435	7.21
F40230-4	1039468	9.92	632259	13.03	261527	15.44	176978	7.21
F40230-5	1042571	9.93	676742	13.03	323338	15.43	165802	7.22
F40230-6	1037979	9.92	661528	13.03	320374	15.43	162253	7.20
F40230-7	1032278	9.92	662538	13.03	302024	15.44	144813	7.21

IS 1 = Fluorobenzene
IS 2 = Chlorobenzene-D5
IS 3 = 1,4-Dichlorobenzene-d4
IS 4 = Tert Butyl Alcohol-D10

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Volatile Internal Standard Area Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Check Std:	VH1392-CC1391	**Injection Date:**	04/26/06
Lab File ID:	H037304.D	**Injection Time:**	10:47
Instrument ID:	GCMSH	**Method:**	SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT
Check Std	943044	9.92	836584	13.03	481209	15.43	180117	7.20
Upper Limit [a]	1886088	10.42	1673168	13.53	962418	15.93	360234	7.70
Lower Limit [b]	471522	9.42	418292	12.53	240605	14.93	90059	6.70

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT
VH1392-BS	948599	9.92	808773	13.03	442852	15.43	160940	7.20
VH1392-MB	942923	9.92	624038	13.03	307227	15.44	132654	7.21
F40230-8	1037803	9.93	827881	13.03	324165	15.43	140970	7.21
F40230-9	882711	9.93	723535	13.03	336035	15.44	132046	7.21
F40230-10	936941	9.94	761658	13.04	362124	15.44	165331	7.20
F40230-11	940688	9.94	769228	13.04	371023	15.44	143221	7.22
F40230-12	959636	9.94	779379	13.04	376040	15.45	133772	7.22
F40230-13	1009914	9.94	802106	13.04	369587	15.45	142738	7.22
F40230-8MS	1057213	9.94	883772	13.04	472564	15.45	190436	7.21
F40230-8MSD	1020890	9.94	859329	13.04	463610	15.45	179572	7.22
F40230-14	1023858	9.94	822381	13.05	375096	15.45	156235	7.22
F40230-15	1059766	9.94	826882	13.05	366911	15.44	157401	7.23
F40230-17	1012610	9.94	847160	13.04	456592	15.45	163419	7.22
ZZZZZZ	885841	9.94	720925	13.04	339841	15.45	153482	7.23
ZZZZZZ	835514	9.94	670909	13.04	321317	15.45	174050	7.22
ZZZZZZ	831920	9.93	663527	13.04	310879	15.44	172579	7.22
ZZZZZZ	1013478	9.93	656988	13.03	314586	15.44	180090	7.21
ZZZZZZ	1021177	9.93	785964	13.04	301535	15.43	163419	7.22
F40230-16 [c]	1033567	9.93	713869	13.03	498875	15.44	175536	7.22

IS 1 = Fluorobenzene
IS 2 = Chlorobenzene-D5
IS 3 = 1,4-Dichlorobenzene-d4
IS 4 = Tert Butyl Alcohol-D10

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Methanol extract analysis required due to matrix interference (non-target analytes present above calibration range).

Volatile Internal Standard Area Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Check Std:	VN485-CC480	**Injection Date:**	05/01/06
Lab File ID:	N0011404.D	**Injection Time:**	09:15
Instrument ID:	GCMSN	**Method:**	SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT
Check Std	1596391	11.17	1364700	14.74	778909	17.29	183707	8.15
Upper Limit [a]	3192782	11.67	2729400	15.24	1557818	17.79	367414	8.65
Lower Limit [b]	798196	10.67	682350	14.24	389455	16.79	91854	7.65

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT
VN485-BS	1684434	11.17	1397553	14.74	783217	17.29	212574	8.15
OP16415-LB	1643344	11.17	1363255	14.74	714111	17.29	184337	8.15
F39956-1R	1634549	11.17	1355563	14.74	717427	17.29	189953	8.15
ZZZZZZ	1510366	11.17	1260868	14.74	669291	17.29	172308	8.14
ZZZZZZ	1453132	11.17	1220336	14.74	643014	17.29	167525	8.15
F40230-18	1401787	11.17	1173131	14.74	621502	17.29	159407	8.15
F40230-18DUP	1342020	11.17	1133229	14.74	606917	17.29	151165	8.14
F39956-1RMS	1501681	11.17	1304984	14.74	740878	17.29	186135	8.15
F39956-1RMSD	1542787	11.17	1319703	14.74	747797	17.29	178544	8.15
VN486-BS	1524468	11.17	1320841	14.74	744324	17.29	183802	8.15
VN486-MB	1473342	11.17	1226790	14.74	647414	17.29	182544	8.15
F40152-20	1356315	11.17	1137699	14.74	600365	17.29	169537	8.14
F40152-20MS	1385776	11.17	1220298	14.74	707500	17.29	173282	8.15
F40152-20MSD	1422688	11.17	1246062	14.74	715700	17.29	181772	8.14
ZZZZZZ	1362521	11.17	1138611	14.74	606766	17.29	165366	8.15
ZZZZZZ	1345453	11.17	1179547	14.74	689514	17.29	164224	8.15
ZZZZZZ	1458254	11.17	1242118	14.74	668228	17.29	193443	8.14
ZZZZZZ	1333122	11.17	1121439	14.74	597770	17.29	168431	8.14

IS 1 = Fluorobenzene
IS 2 = Chlorobenzene-D5
IS 3 = 1,4-Dichlorobenzene-d4
IS 4 = Tert Butyl Alcohol-D10

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Volatile Surrogate Recovery Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Method: SW846 8260B **Matrix:** LEACHATE

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
F40230-18	N0011410.D	104.0	95.0	98.0	101.0
F39956-1RMS	N0011412.D	105.0	92.0	94.0	100.0
F39956-1RMSD	N0011413.D	105.0	93.0	96.0	99.0
F40230-18DUP	N0011411.D	103.0	95.0	98.0	101.0
OP16415-LB	N0011406.D	104.0	95.0	102.0	101.0
VN485-BS	N0011405.D	104.0	94.0	97.0	100.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	86-115%
S2 = Toluene-D8	86-112%
S3 = 4-Bromofluorobenzene	83-119%
S4 = 1,2-Dichloroethane-D4	73-126%

Volatile Surrogate Recovery Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Method: SW846 8260B **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
F40230-1	H037294.D	95.0	103.0	128.0	102.0
F40230-2	H037295.D	96.0	100.0	106.0	102.0
F40230-3	H037296.D	96.0	101.0	111.0	103.0
F40230-4	H037297.D	95.0	103.0	113.0	101.0
F40230-5	H037298.D	96.0	113.0	105.0	102.0
F40230-6	H037299.D	98.0	123.0	104.0	102.0
F40230-7	H037300.D	93.0	100.0	104.0	100.0
F40230-8	H037307.D	93.0	99.0	104.0	99.0
F40230-9	H037308.D	112.0	98.0	105.0	97.0
F40230-10	H037309.D	93.0	98.0	112.0	104.0
F40230-11	H037310.D	92.0	98.0	104.0	99.0
F40230-12	H037311.D	92.0	99.0	103.0	99.0
F40230-13	H037312.D	92.0	100.0	108.0	99.0
F40230-14	H037315.D	95.0	99.0	106.0	100.0
F40230-15	H037316.D	92.0	102.0	108.0	102.0
F40230-16	H037324.D	94.0	102.0	182.0* [a]	99.0
F40230-17	H037317.D	98.0	97.0	105.0	106.0
F40207-1MS	H037287.D	96.0	99.0	105.0	108.0
F40207-1MSD	H037288.D	96.0	99.0	103.0	100.0
F40230-8MS	H037313.D	95.0	97.0	102.0	107.0
F40230-8MSD	H037314.D	98.0	97.0	99.0	106.0
VH1391-BS	H037283.D	118.0	95.0	100.0	133.0*
VH1391-MB	H037284.D	93.0	98.0	105.0	100.0
VH1392-BS	H037305.D	94.0	96.0	101.0	98.0
VH1392-MB	H037306.D	95.0	116.0	104.0	100.0

Surrogate Compounds		Recovery Limits
S1 =	Dibromofluoromethane	78-123%
S2 =	Toluene-D8	71-137%
S3 =	4-Bromofluorobenzene	61-157%
S4 =	1,2-Dichloroethane-D4	74-125%

(a) Outside control limits; however, sample is ND.

Initial Calibration Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VH1391-ICC1391
Lab FileID: H037279.D

Response Factor Report MSVOA3

```
Method       : D:\HPCHEM\1\METHODS\8260H.M (RTE Integrator)
Title        : SWA 5035/8260B
Last Update  : Wed Apr 26 11:27:23 2006
Response via : Initial Calibration

Calibration Files
1   =H037276.D   2   =H037277.D   3   =H037278.D   4   =H037279.D
5      =H037280.D    6      =H037281.D

      Compound              1     2     3     4     5     6     Avg    %RSD
-------------------------------------------------------------------------------

1) I   Fluorobenzene         ----------------ISTD---------------------
2)     Dichlorodifluoromet 0.259 0.278 0.278 0.335 0.314 0.324 0.298  10.20
           ---- Linear regr., Force(0,0) ----  Coefficient =  0.9979
             Response Ratio = 0.00000 + 0.32062 *A

3) P   Chloromethane       0.336 0.374 0.374 0.440 0.400 0.415 0.390   9.34
4) C   Vinyl Chloride      0.293 0.304 0.302 0.362 0.322 0.331 0.319   7.93
5)     Bromomethane        0.157 0.183 0.168 0.181 0.142 0.128 0.160  13.64
6)     Chloroethane        0.140 0.166 0.149 0.168 0.144 0.136 0.150   8.99
7)     Trichlorofluorometh 0.280 0.311 0.296 0.352 0.318 0.313 0.312   7.80
           ---- Quadratic regr., Force(0,0) ----  Coefficient =  0.9969
             Response Ratio = 0.00000 + 0.34539 *A + -0.00795 *A^2

8)     1,2-Dichloro-1,1,2- 0.371 0.393 0.379 0.444 0.410 0.402 0.400   6.48
9)     Ethyl Ether         0.266 0.292 0.299 0.371 0.355 0.347 0.322  12.90
10)    Acrolein            0.095 0.105 0.123 0.155 0.157 0.153 0.131  21.05
           ---- Linear regr., Force(0,0) ----  Coefficient =  0.9975
             Response Ratio = 0.00000 + 0.15341 *A

11)    Freon 113           0.277 0.287 0.285 0.331 0.303 0.301 0.297   6.48
12) C  1,1-Dichloroethene  0.463 0.479 0.472 0.564 0.514 0.508 0.500   7.44
13)    Acetone             0.180 0.131 0.132 0.160 0.158 0.148 0.152  12.40
14)    Iodomethane         0.520 0.573 0.556 0.673 0.628 0.626 0.596   9.43
15)    Carbon Disulfide    0.851 0.957 0.936 1.112 1.014 0.999 0.978   8.89
16)    Methyl acetate      1.529 1.448 1.557 1.952 1.933 1.901 1.720  13.48
17)    Methylene Chloride  0.678 0.567 0.522 0.609 0.571 0.565 0.586   9.11
18)    Acrylonitrile       0.498 0.499 0.584 0.734 0.732       0.609  19.33
           ---- Linear regr., Force(0,0) ----  Coefficient =  0.9960
             Response Ratio = 0.00000 + 0.71890 *A

19)    Methyl Tert Butyl E 0.872 0.917 0.944 1.152 1.098 0.892 0.979  11.93
20)    trans-1,2-Dichloroe 0.498 0.533 0.510 0.598 0.549 0.451 0.523   9.47
21)    Hexane              0.533 0.529 0.512 0.574 0.524 0.439 0.518   8.55
22)    Vinyl acetate       0.644 0.650 0.704 0.835 0.787 0.643 0.711  11.61
23) P  1,1-Dichloroethane  0.567 0.590 0.573 0.656 0.592 0.482 0.577   9.78
24)    Di-isopropyl ether  1.362 1.402 1.400 1.655 1.526 1.245 1.432   9.89
25)    Ethyl tert-butyl Et 0.917 1.013 1.051 1.272 1.015 1.029 1.050  11.28
26)    2-Butanone          0.228 0.193 0.215 0.262 0.222 0.222 0.224  10.11
27)    cis-1,2-Dichloroeth 0.325 0.360 0.361 0.424 0.323 0.323 0.353  11.13
28)    2,2-Dichloropropane 0.370 0.380 0.363 0.409 0.306 0.304 0.355  11.81
29)    Bromochloromethane  0.163 0.180 0.189 0.228 0.180 0.181 0.187  11.76
30) C  Chloroform          0.527 0.535 0.540 0.643 0.499 0.501 0.541   9.81
31)    Tetrahydrofuran     0.108 0.115 0.128 0.160 0.139 0.141 0.132  14.33
32) S  Dibromofluoromethan 0.243 0.246 0.253 0.310 0.252 0.252 0.259   9.64
33)    1,1,1-Trichloroetha 0.434 0.447 0.425 0.417 0.396 0.404 0.420   4.55
34)    Cyclohexane         0.672 0.675 0.665 0.634 0.591 0.598 0.639   5.95
```

Initial Calibration Summary

Job Number: F40230 **Sample:** VH1391-ICC1391
Account: TETRFLJX Tetra-Tech NUS **Lab FileID:** H037279.D
Project: NAS JAX- PCA 25

35)		1,1-Dichloropropene	0.436	0.440	0.432	0.407	0.376	0.375	0.411	7.27
36)		Carbon Tetrachlorid	0.385	0.388	0.394	0.379	0.352	0.351	0.375	4.99
37)	S	1,2-Dichloroethane-	0.285	0.291	0.281	0.281	0.288	0.281	0.284	1.49
38)		1,2-Dichloroethane	0.430	0.429	0.438	0.436	0.419	0.419	0.429	1.93
39)		Benzene	1.315	1.348	1.292	1.222	1.110	1.083	1.228	8.98
40)		Tert-Amyl Methyl Et	0.960	0.938	0.968	0.953	0.917	0.911	0.941	2.46
41)		Trichloroethene	0.309	0.333	0.319	0.317	0.301	0.302	0.313	3.82
42)		Methylcyclohexane	0.564	0.564	0.433	0.497	0.452	0.446	0.493	12.03
43)	C	1,2-Dichloropropane	0.316	0.338	0.268	0.323	0.300	0.294	0.306	8.07
44)		Dibromomethane	0.169	0.178	0.150	0.186	0.181	0.183	0.174	7.73
45)		Bromodichloromethan	0.376	0.422	0.361	0.454	0.434	0.446	0.416	9.23
46)		2-Nitropropane	0.105	0.108	0.098	0.126	0.126	0.126	0.115	11.10
47)		2-Chloroethyl vinyl	0.086	0.094	0.082	0.103	0.099	0.097	0.094	8.64
48)		cis-1,3-Dichloropro	0.475	0.514	0.437	0.546	0.520	0.531	0.504	8.02
49)		4-Methyl-2-pentanon	0.406	0.397	0.358	0.451	0.444	0.432	0.415	8.43
50)	I	Chlorobenzene-d5	----------ISTD----------							
51)	S	Toluene-d8	1.201	1.507	1.221	1.233	1.226	1.223	1.269	9.23
52)	C	Toluene	1.729	2.105	1.643	1.580	1.444	1.446	1.658	14.81

---- Quadratic regr., Force(0,0) ---- Coefficient = 0.9979
Response Ratio = 0.00000 + 1.69310 *A + -0.06622 *A^2

53)		trans-1,3-Dichlorop	0.452	0.615	0.519	0.536	0.517	0.536	0.529	9.86
54)		1,1,2-Trichloroetha	0.262	0.330	0.279	0.284	0.279	0.281	0.286	8.13
55)		1,3-Dichloropropane	0.567	0.713	0.588	0.574	0.529	0.525	0.583	11.76
56)		2-hexanone	0.317	0.387	0.360	0.372	0.370	0.368	0.362	6.52
57)		Tetrachloroethene	0.538	0.642	0.498	0.472	0.431	0.441	0.504	15.58

---- Quadratic regr., Force(0,0) ---- Coefficient = 0.9969
Response Ratio = 0.00000 + 0.49926 *A + -0.01643 *A^2

58)		Dibromochloromethan	0.330	0.472	0.411	0.427	0.412	0.435	0.414	11.39
59)		1,2-Dibromoethane	0.284	0.313	0.340	0.350	0.339	0.350	0.329	7.91
60)		1-Chlorohexane	0.527	0.558	0.557	0.535	0.496	0.507	0.530	4.79
61)	P	Chlorobenzene	1.086	1.112	1.081	1.052	0.971	0.982	1.047	5.57
62)		1,1,1,2-Tetrachloro	0.349	0.391	0.385	0.373	0.341	0.339	0.363	6.32
63)	C	Ethylbenzene	1.829	1.908	1.806	1.680	1.496	1.454	1.696	11.00
64)		m,p-Xylene	1.494	1.542	1.456	1.350	1.190	1.152	1.364	11.93
65)		o-Xylene	1.496	1.537	1.481	1.392	1.242	1.198	1.391	10.16
66)		Styrene	1.022	1.141	1.146	1.088	0.975	0.953	1.054	7.89
67)	P	Bromoform	0.236	0.290	0.331	0.353	0.355	0.372	0.323	15.88

---- Linear regr., Force(0,0) ---- Coefficient = 0.9990
Response Ratio = 0.00000 + 0.36271 *A

68)	I	1,4-Dichlorobenzene-d	----------ISTD----------							
69)		Isopropylbenzene	3.174	3.039	2.863	2.664	2.450	2.464	2.776	10.83
70)		Cyclohexanone	0.058	0.048	0.056	0.058	0.063	0.066	0.058	10.66

---- Quadratic regr., Force(0,0) ---- Coefficient = 0.9999
Response Ratio = 0.00000 + 0.05149 *A + 0.00073 *A^2

71)	S	4-Bromofluorobenzen	1.118	1.056	1.046	1.040	1.048	1.063	1.062	2.72
72)	P	1,1,2,2-Tetrachloro	0.849	0.810	0.841	0.845	0.826	0.851	0.837	1.88
73)		trans-1,4-Dichloro-	0.207	0.216	0.240	0.246	0.263	0.270	0.240	10.48
74)		1,2,3-Trichloroprop	0.239	0.237	0.235	0.233	0.234	0.242	0.236	1.45
75)		Bromobenzene	1.010	0.989	0.926	0.863	0.818	0.809	0.902	9.54
76)		n-Propylbenzene	3.981	3.972	3.724	3.325	3.060	2.934	3.499	13.09
77)		2-Chlorotoluene	3.052	2.880	2.627	2.367	2.141	2.053	2.520	15.97

---- Quadratic regr., Force(0,0) ---- Coefficient = 0.9991
Response Ratio = 0.00000 + 2.69207 *A + -0.16513 *A^2

Initial Calibration Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VH1391-ICC1391
Lab FileID: H037279.D

```
78)     1,3,5-Trimethylbenz 2.916 2.851 2.662 2.420 2.163 2.044 2.509  14.37
79)     4-Chlorotoluene     2.620 2.623 2.464 2.344 2.227 2.208 2.414   7.67
80)     tert-Butylbenzene   2.100 2.052 1.917 1.801 1.677 1.658 1.867  10.02
81)     1,2,4-Trimethylbenz 2.916 2.919 2.770 2.599 2.448 2.378 2.672   8.74
82)     sec-Butylbenzene    3.673 3.601 3.380 3.167 2.896 2.885 3.267  10.45
83)     4-Isopropyltoluene  2.919 2.989 2.848 2.678 2.427 2.441 2.717   8.92
84)     1,3-Dichlorobenzene 1.755 1.709 1.676 1.611 1.507 1.536 1.632   6.03
85)     1,4-Dichlorobenzene 1.824 1.707 1.650 1.588 1.498 1.528 1.632   7.43
86)     Benzyl chloride     1.365 1.452 1.555 1.632 1.598 1.612 1.536   6.86
87)     n-Butylbenzene      2.621 2.577 2.543 2.379 2.173 2.192 2.414   8.17
88)     1,2-Dichlorobenzene 1.654 1.609 1.612 1.550 1.463 1.508 1.566   4.59
89)     1,2-Dibromo-3-Chlor 0.107 0.128 0.143 0.154 0.160 0.169 0.144  15.87
            ---- Quadratic regr., Force(0,0) ----  Coefficient =  0.9999
              Response Ratio = 0.00000 + 0.13602 *A + 0.00824 *A^2

90)     1,2,4-Trichlorobenz 0.904 1.102 1.127 1.110 1.059 1.086 1.065   7.72
91)     Hexachlorobutadiene 0.677 0.805 0.765 0.716 0.672 0.687 0.720   7.46
92)     Naphthalene         1.714 2.042 2.209 2.260 2.259 2.309 2.132  10.55
93)     1,2,3-Trichlorobenz 0.819 0.997 1.030 1.009 0.978 1.000 0.972   7.93

94) I   Tert Butyl Alcohol-d1 ----------------ISTD---------------------
95)     Tert Butyl Alcohol  1.279 1.333 1.322 1.379 1.354 1.380 1.341   2.89
96)     Tert Amyl Alcohol   1.011 1.130 1.156 0.981 0.988 1.016 1.047   7.25
97)     1,4-Dioxane         0.115 0.123 0.095 0.102 0.102 0.105 0.107   9.36
-------------------------------------------------------------------------------
(#) = Out of Range

          8260H.M           Wed Apr 26 14:01:40 2006
```

Initial Calibration Verification

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VH1391-ICV1391
Lab FileID: H037282.D

Evaluate Continuing Calibration Report

```
Data File : D:\HPCHEM\1\DATA\042506\H037282.D            Vial: 7
Acq On    : 25 Apr 2006   3:15 pm                    Operator: NancyF
Sample    : ICV1391-100                              Inst    : MSVOA3
Misc      : ms5947,vh1391,5.00,,,,,                  Multiplr: 1.00
MS Integration Params: Rteint.p

Method       : D:\HPCHEM\1\METHODS\8260H.M (RTE Integrator)
Title        : SWA 5035/8260B
Last Update  : Wed Apr 26 11:27:23 2006
Response via : Multiple Level Calibration

Min. RRF     :   0.001  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  20%     Max. Rel. Area : 200%
```

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	Fluorobenzene	1.000	1.000	0.0	102	0.00	9.94
		----------	Amount	Calc.	%Drift	----------		
2		Dichlorodifluoromethane	100.000	120.864	-20.9#	118	-0.01	4.29
		----------	AvgRF	CCRF	%Dev	----------		
3	P	Chloromethane	0.390	0.473	-21.3#	109	0.00	4.64
4	C	Vinyl Chloride	0.319	0.378	-18.5	106	-0.01	4.87
5		Bromomethane	0.160	0.156	2.5	88	0.00	5.48
6		Chloroethane	0.150	0.162	-8.0	98	0.00	5.66
		----------	Amount	Calc.	%Drift	----------		
7		Trichlorofluoromethane	100.000	122.666	-22.7#	115	0.00	6.03
		----------	AvgRF	CCRF	%Dev	----------		
8		1,2-Dichloro-1,1,2-triflu	0.400	0.454	-13.5	104	0.00	6.31
9		Ethyl Ether	0.322	0.325	-0.9	89	0.00	6.34
		----------	Amount	Calc.	%Drift	----------		
10		Acrolein	100.000	53.026	47.0#	53	0.00	6.53
		----------	AvgRF	CCRF	%Dev	----------		
11		Freon 113	0.297	0.325	-9.4	100	0.00	6.73
12	C	1,1-Dichloroethene	0.500	0.540	-8.0	97	0.00	6.71
13		Acetone	0.152	0.163	-7.2	103	0.00	6.71
14		Iodomethane	0.596	0.596	0.0	90	0.00	6.95
15		Carbon Disulfide	0.978	1.030	-5.3	94	0.00	7.08
16		Methyl acetate	1.720	1.894	-10.1	99	0.00	7.11
17		Methylene Chloride	0.586	0.569	2.9	95	0.00	7.28
		----------	Amount	Calc.	%Drift	----------		
18		Acrylonitrile	100.000	107.251	-7.3	107	0.00	7.53
		----------	AvgRF	CCRF	%Dev	----------		
19		Methyl Tert Butyl Ether	0.979	1.078	-10.1	95	0.00	7.59
20		trans-1,2-Dichloroethene	0.523	0.594	-13.6	101	0.00	7.62
21		Hexane	0.518	0.576	-11.2	102	0.00	7.91
22		Vinyl acetate	0.711	1.156	-62.6#	140	0.00	8.06
23	P	1,1-Dichloroethane	0.577	0.643	-11.4	99	0.00	8.10
24		Di-isopropyl ether	1.432	1.572	-9.8	96	0.00	8.09
25		Ethyl tert-butyl Ether	1.050	1.275	-21.4#	102	0.00	8.49
26		2-Butanone	0.224	0.222	0.9	86	0.00	8.67

Initial Calibration Verification

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VH1391-ICV1391
Lab FileID: H037282.D

27		cis-1,2-Dichloroethene	0.353	0.322	8.8	77	0.00	8.72
28		2,2-Dichloropropane	0.355	0.348	2.0	86	0.00	8.75
29		Bromochloromethane	0.187	0.169	9.6	75	0.00	8.99
30	C	Chloroform	0.541	0.526	2.8	83	0.00	9.03
31		Tetrahydrofuran	0.132	0.140	-6.1	89	0.00	9.05
32	S	Dibromofluoromethane	0.259	0.249	3.9	82	0.00	9.20
33		1,1,1-Trichloroethane	0.420	0.426	-1.4	104	0.00	9.30
34		Cyclohexane	0.639	0.632	1.1	101	0.00	9.39
35		1,1-Dichloropropene	0.411	0.418	-1.7	104	0.00	9.45
36		Carbon Tetrachloride	0.375	0.387	-3.2	104	0.00	9.48
37	S	1,2-Dichloroethane-d4	0.284	0.291	-2.5	105	0.00	9.58
38		1,2-Dichloroethane	0.429	0.433	-0.9	101	0.00	9.66
39		Benzene	1.228	1.204	2.0	100	0.00	9.69
40		Tert-Amyl Methyl Ether	0.941	0.941	0.0	100	0.00	9.71
41		Trichloroethene	0.313	0.327	-4.5	105	0.00	10.31
42		Methylcyclohexane	0.493	0.519	-5.3	106	0.00	10.56
43	C	1,2-Dichloropropane	0.306	0.318	-3.9	100	0.00	10.55
44		Dibromomethane	0.174	0.185	-6.3	101	0.00	10.68
45		Bromodichloromethane	0.416	0.431	-3.6	96	0.00	10.79
46		2-Nitropropane	0.115	0.130	-13.0	104	0.00	10.98
47		2-Chloroethyl vinyl ether	0.094	0.186	-97.9#	183	0.00	11.00
48		cis-1,3-Dichloropropene	0.504	0.559	-10.9	104	0.00	11.23
49		4-Methyl-2-pentanone	0.415	0.457	-10.1	103	0.00	11.32
50	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00	13.03
51	S	Toluene-d8	1.269	1.200	5.4	100	0.00	11.54
		----------	Amount	Calc.	%Drift		----------	
52	C	Toluene	100.000	99.070	0.9	101	0.00	11.61
		----------	AvgRF	CCRF	%Dev		----------	
53		trans-1,3-Dichloropropene	0.529	0.576	-8.9	111	0.00	11.75
54		1,1,2-Trichloroethane	0.286	0.276	3.5	100	0.00	11.97
55		1,3-Dichloropropane	0.583	0.555	4.8	100	0.00	12.16
56		2-hexanone	0.362	0.389	-7.5	108	0.00	12.15
		----------	Amount	Calc.	%Drift		----------	
57		Tetrachloroethene	100.000	108.722	-8.7	110	0.00	12.20
		----------	AvgRF	CCRF	%Dev		----------	
58		Dibromochloromethane	0.414	0.410	1.0	99	0.00	12.42
59		1,2-Dibromoethane	0.329	0.346	-5.2	102	0.00	12.59
60		1-Chlorohexane	0.530	0.567	-7.0	109	0.00	12.94
61	P	Chlorobenzene	1.047	1.071	-2.3	105	0.00	13.07
62		1,1,1,2-Tetrachloroethane	0.363	0.362	0.3	100	0.00	13.12
63	C	Ethylbenzene	1.696	1.671	1.5	102	0.00	13.13
64		m,p-Xylene	1.364	1.357	0.5	103	0.00	13.23
65		o-Xylene	1.391	1.388	0.2	103	0.00	13.67
66		Styrene	1.054	1.072	-1.7	101	0.00	13.67
		----------	Amount	Calc.	%Drift		----------	
67	P	Bromoform	100.000	96.497	3.5	102	0.00	13.92
		----------	AvgRF	CCRF	%Dev		----------	
68	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00	15.44
69		Isopropylbenzene	2.776	2.800	-0.9	109	0.00	14.02
		----------	Amount	Calc.	%Drift		----------	
70		Cyclohexanone	500.000	295.118	41.0#	58	0.00	14.17

Initial Calibration Verification

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VH1391-ICV1391
Lab FileID: H037282.D

			AvgRF	CCRF	%Dev			
71	S	4-Bromofluorobenzene	1.062	1.040	2.1	103	0.00	14.22
72	P	1,1,2,2-Tetrachloroethane	0.837	0.826	1.3	101	0.00	14.29
73		trans-1,4-Dichloro-2-Bute	0.240	0.276	-15.0	116	0.00	14.34
74		1,2,3-Trichloropropane	0.236	0.234	0.8	104	0.00	14.38
75		Bromobenzene	0.902	0.854	5.3	102	0.00	14.43
76		n-Propylbenzene	3.499	3.410	2.5	106	0.00	14.44
			Amount	Calc.	%Drift			
77		2-Chlorotoluene	100.000	101.739	-1.7	105	0.00	14.59
			AvgRF	CCRF	%Dev			
78		1,3,5-Trimethylbenzene	2.509	2.396	4.5	102	0.00	14.59
79		4-Chlorotoluene	2.414	2.416	-0.1	107	0.00	14.69
80		tert-Butylbenzene	1.867	1.827	2.1	105	0.00	14.97
81		1,2,4-Trimethylbenzene	2.672	2.631	1.5	105	0.00	15.01
82		sec-Butylbenzene	3.267	3.281	-0.4	107	0.00	15.19
83		4-Isopropyltoluene	2.717	2.749	-1.2	106	0.00	15.31
84		1,3-Dichlorobenzene	1.632	1.676	-2.7	108	0.00	15.38
85		1,4-Dichlorobenzene	1.632	1.662	-1.8	108	0.00	15.47
86		Benzyl chloride	1.536	1.656	-7.8	105	0.00	15.57
87		n-Butylbenzene	2.414	2.522	-4.5	110	0.00	15.75
88		1,2-Dichlorobenzene	1.566	1.591	-1.6	106	0.00	15.87
			Amount	Calc.	%Drift			
89		1,2-Dibromo-3-Chloropropa	100.000	101.324	-1.3	104	0.00	16.67
			AvgRF	CCRF	%Dev			
90		1,2,4-Trichlorobenzene	1.065	1.159	-8.8	108	0.00	17.62
91		Hexachlorobutadiene	0.720	0.760	-5.6	110	0.00	17.77
92		Naphthalene	2.132	2.277	-6.8	104	0.00	17.96
93		1,2,3-Trichlorobenzene	0.972	1.041	-7.1	107	0.00	18.25
94	I	Tert Butyl Alcohol-d10	1.000	1.000	0.0	115	0.00	7.21
95		Tert Butyl Alcohol	1.341	1.269	5.4	106	0.00	7.30
96		Tert Amyl Alcohol	1.047	0.936	10.6	110	0.00	9.50
97		1,4-Dioxane	0.107	0.089	16.8	101	0.00	10.64

(#) = Out of Range SPCC's out = 0 CCC's out = 0
H037279.D 8260H.M Wed Apr 26 14:01:20 2006

Continuing Calibration Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VH1392-CC1391
Lab FileID: H037304.D

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\042606\H037304.D Vial: 1
Acq On : 26 Apr 2006 10:47 am Operator: NancyF
Sample : CC1391-100 Inst : MSVOA3
Misc : ms6019,vh1392,5.00,,,,, Multiplr: 1.00
MS Integration Params: Rteint.p

Method : D:\HPCHEM\1\METHODS\8260H.M (RTE Integrator)
Title : SWA 5035/8260B
Last Update : Wed Apr 26 11:27:23 2006
Response via : Multiple Level Calibration

Min. RRF : 0.001 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	Fluorobenzene	1.000	1.000	0.0	109	0.00	9.92
			Amount	Calc.	%Drift			
2		Dichlorodifluoromethane	100.000	88.047	12.0	92	0.00	4.30
			AvgRF	CCRF	%Dev			
3	P	Chloromethane	0.390	0.366	6.2	90	0.00	4.64
4	C	Vinyl Chloride	0.319	0.297	6.9	89	0.00	4.87
5		Bromomethane	0.160	0.127	20.6#	77	0.01	5.49
6		Chloroethane	0.150	0.136	9.3	88	0.00	5.64
			Amount	Calc.	%Drift			
7		Trichlorofluoromethane	100.000	83.466	16.5	86	0.00	6.03
			AvgRF	CCRF	%Dev			
8		1,2-Dichloro-1,1,2-triflu	0.400	0.371	7.3	91	0.00	6.30
9		Ethyl Ether	0.322	0.291	9.6	86	0.00	6.33
			Amount	Calc.	%Drift			
10		Acrolein	100.000	85.777	14.2	92	0.00	6.52
			AvgRF	CCRF	%Dev			
11		Freon 113	0.297	0.289	2.7	95	0.00	6.73
12	C	1,1-Dichloroethene	0.500	0.475	5.0	92	0.00	6.70
13		Acetone	0.152	0.218	-43.4#	148	0.00	6.71
14		Iodomethane	0.596	0.559	6.2	90	0.00	6.95
15		Carbon Disulfide	0.978	0.934	4.5	91	0.00	7.07
16		Methyl acetate	1.720	1.721	-0.1	96	0.00	7.10
17		Methylene Chloride	0.586	0.516	11.9	92	0.00	7.27
			Amount	Calc.	%Drift			
18		Acrylonitrile	100.000	86.589	13.4	92	0.00	7.53
			AvgRF	CCRF	%Dev			
19		Methyl Tert Butyl Ether	0.979	0.962	1.7	91	0.00	7.58
20		trans-1,2-Dichloroethene	0.523	0.516	1.3	94	0.00	7.62
21		Hexane	0.518	0.544	-5.0	103	0.00	7.90
22		Vinyl acetate	0.711	0.719	-1.1	94	0.00	8.06
23	P	1,1-Dichloroethane	0.577	0.556	3.6	92	0.00	8.09
24		Di-isopropyl ether	1.432	1.394	2.7	92	0.00	8.08
25		Ethyl tert-butyl Ether	1.050	1.088	-3.6	93	0.00	8.48
26		2-Butanone	0.224	0.301	-34.4#	125	0.00	8.67

Continuing Calibration Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VH1392-CC1391
Lab FileID: H037304.D

27		cis-1,2-Dichloroethene	0.353	0.360	-2.0	92	0.00	8.72
28		2,2-Dichloropropane	0.355	0.365	-2.8	97	0.00	8.74
29		Bromochloromethane	0.187	0.191	-2.1	91	0.00	8.99
30	C	Chloroform	0.541	0.547	-1.1	93	0.00	9.03
31		Tetrahydrofuran	0.132	0.156	-18.2	106	0.00	9.04
32	S	Dibromofluoromethane	0.259	0.245	5.4	86	0.00	9.19
33		1,1,1-Trichloroethane	0.420	0.455	-8.3	119	0.00	9.29
34		Cyclohexane	0.639	0.723	-13.1	124	0.00	9.38
35		1,1-Dichloropropene	0.411	0.447	-8.8	119	0.00	9.45
36		Carbon Tetrachloride	0.375	0.414	-10.4	119	0.00	9.48
37	S	1,2-Dichloroethane-d4	0.284	0.279	1.8	108	0.00	9.58
38		1,2-Dichloroethane	0.429	0.447	-4.2	112	0.00	9.66
39		Benzene	1.228	1.273	-3.7	113	0.00	9.68
40		Tert-Amyl Methyl Ether	0.941	1.016	-8.0	116	0.00	9.70
41		Trichloroethene	0.313	0.344	-9.9	118	0.00	10.31
42		Methylcyclohexane	0.493	0.565	-14.6	124	0.00	10.55
43	C	1,2-Dichloropropane	0.306	0.332	-8.5	112	0.00	10.54
44		Dibromomethane	0.174	0.191	-9.8	111	0.00	10.67
45		Bromodichloromethane	0.416	0.471	-13.2	113	0.00	10.78
46		2-Nitropropane	0.115	0.138	-20.0#	120	0.00	10.97
47		2-Chloroethyl vinyl ether	0.094	0.112	-19.1	118	0.00	11.00
48		cis-1,3-Dichloropropene	0.504	0.573	-13.7	114	0.00	11.23
49		4-Methyl-2-pentanone	0.415	0.514	-23.9#	124	0.00	11.30
50	I	Chlorobenzene-d5	1.000	1.000	0.0	113	0.00	13.03
51	S	Toluene-d8	1.269	1.175	7.4	108	0.00	11.53
		----------	Amount	Calc.	%Drift		----------	
52	C	Toluene	100.000	103.292	-3.3	115	0.00	11.60
		----------	AvgRF	CCRF	%Dev		----------	
53		trans-1,3-Dichloropropene	0.529	0.549	-3.8	116	0.00	11.75
54		1,1,2-Trichloroethane	0.286	0.283	1.0	113	0.00	11.97
55		1,3-Dichloropropane	0.583	0.556	4.6	109	0.00	12.15
56		2-hexanone	0.362	0.459	-26.8#	139	0.00	12.13
		----------	Amount	Calc.	%Drift		----------	
57		Tetrachloroethene	100.000	115.120	-15.1	127	0.00	12.18
		----------	AvgRF	CCRF	%Dev		----------	
58		Dibromochloromethane	0.414	0.436	-5.3	115	0.00	12.42
59		1,2-Dibromoethane	0.329	0.359	-9.1	116	0.00	12.59
60		1-Chlorohexane	0.530	0.597	-12.6	126	0.00	12.92
61	P	Chlorobenzene	1.047	1.090	-4.1	117	0.00	13.06
62		1,1,1,2-Tetrachloroethane	0.363	0.382	-5.2	116	0.00	13.11
63	C	Ethylbenzene	1.696	1.727	-1.8	116	0.00	13.12
64		m,p-Xylene	1.364	1.392	-2.1	116	0.00	13.23
65		o-Xylene	1.391	1.407	-1.2	114	-0.02	13.65
66		Styrene	1.054	1.114	-5.7	116	0.00	13.66
		----------	Amount	Calc.	%Drift		----------	
67	P	Bromoform	100.000	105.060	-5.1	122	0.00	13.92
		----------	AvgRF	CCRF	%Dev		----------	
68	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	113	0.00	15.43
69		Isopropylbenzene	2.776	2.786	-0.4	119	0.00	14.02
		----------	Amount	Calc.	%Drift		----------	
70		Cyclohexanone	500.000	565.896	-13.2	131	0.00	14.17

Continuing Calibration Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VH1392-CC1391
Lab FileID: H037304.D

			AvgRF	CCRF	%Dev			
71	S	4-Bromofluorobenzene	1.062	1.067	-0.5	116	0.00	14.21
72	P	1,1,2,2-Tetrachloroethane	0.837	0.861	-2.9	116	0.00	14.28
73		trans-1,4-Dichloro-2-Bute	0.240	0.276	-15.0	127	0.00	14.33
74		1,2,3-Trichloropropane	0.236	0.253	-7.2	123	0.00	14.37
75		Bromobenzene	0.902	0.893	1.0	117	0.00	14.42
76		n-Propylbenzene	3.499	3.498	0.0	119	0.00	14.44
			Amount	Calc.	%Drift			
77		2-Chlorotoluene	100.000	103.862	-3.9	117	0.00	14.59
			AvgRF	CCRF	%Dev			
78		1,3,5-Trimethylbenzene	2.509	2.464	1.8	115	0.00	14.59
79		4-Chlorotoluene	2.414	2.488	-3.1	120	0.00	14.69
80		tert-Butylbenzene	1.867	1.891	-1.3	119	0.00	14.96
81		1,2,4-Trimethylbenzene	2.672	2.738	-2.5	119	0.00	15.00
82		sec-Butylbenzene	3.267	3.368	-3.1	121	0.00	15.19
83		4-Isopropyltoluene	2.717	2.840	-4.5	120	0.00	15.31
84		1,3-Dichlorobenzene	1.632	1.718	-5.3	121	0.00	15.38
85		1,4-Dichlorobenzene	1.632	1.708	-4.7	122	0.00	15.46
86		Benzyl chloride	1.536	1.823	-18.7	127	0.00	15.57
87		n-Butylbenzene	2.414	2.592	-7.4	124	0.00	15.73
88		1,2-Dichlorobenzene	1.566	1.627	-3.9	119	0.00	15.87
			Amount	Calc.	%Drift			
89		1,2-Dibromo-3-Chloropropa	100.000	90.413	9.6	100	0.00	16.67
			AvgRF	CCRF	%Dev			
90		1,2,4-Trichlorobenzene	1.065	1.046	1.8	107	0.00	17.62
91		Hexachlorobutadiene	0.720	0.717	0.4	114	0.00	17.76
92		Naphthalene	2.132	2.035	4.5	102	0.00	17.94
93		1,2,3-Trichlorobenzene	0.972	0.952	2.1	107	0.00	18.24
94	I	Tert Butyl Alcohol-d10	1.000	1.000	0.0	104	0.00	7.20
95		Tert Butyl Alcohol	1.341	1.382	-3.1	104	0.00	7.30
96		Tert Amyl Alcohol	1.047	1.264	-20.7#	134	0.00	9.50
97		1,4-Dioxane	0.107	0.120	-12.1	123	0.00	10.63

(#) = Out of Range SPCC's out = 0 CCC's out = 0
H037279.D 8260H.M Thu Apr 27 11:30:38 2006

Initial Calibration Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VN480-ICC480
Lab FileID: N0011308.D

Response Factor Report MSVOA8

Method : C:\MSDCHEM\2\METHODS\8260N.M (RTE Integrator)
Title : SW-846 Method 5030B/8260B & EPA 624
Last Update : Wed Apr 26 14:38:18 2006
Response via : Initial Calibration

Calibration Files
1 =N0011305.D 2 =N0011306.D 3 =N0011307.D 4 =N0011308.D
5 =N0011309.D 6 =N0011310.D

		Compound	1	2	3	4	5	6	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------							
2)		Dichlorodifluoromet	0.320	0.255	0.360	0.333	0.328	0.327	0.321	10.91
3)	P	Chloromethane	0.358	0.265	0.328	0.301	0.292	0.288	0.306	10.77
4)	C	Vinyl Chloride	0.251	0.185	0.253	0.235	0.233	0.232	0.231	10.60
5)		Bromomethane	0.216	0.137	0.145	0.122	0.105	0.092	0.136	31.99
		---- Quadratic regr., Force(0,0) ---- Coefficient = 0.9990								
		Response Ratio = 0.00000 + 0.14359 *A + -0.02595 *A^2								
6)		Chloroethane	0.131	0.099	0.125	0.114	0.106	0.102	0.113	11.24
7)		Trichlorofluorometh	0.327	0.243	0.340	0.313	0.300	0.296	0.303	11.06
8)		Ethyl Ether	0.190	0.145	0.177	0.159	0.152	0.146	0.162	11.38
9)		1,2-Dichlorotrifluo	0.249	0.235	0.333	0.256	0.286	0.282	0.273	12.86
10)	C	1,1-Dichloroethene	0.400	0.301	0.418	0.375	0.369	0.361	0.371	10.86
11)		Freon 113	0.241	0.190	0.264	0.238	0.226	0.222	0.230	10.65
12)		Carbon Disulfide	0.985	0.634	0.871	0.780	0.769	0.753	0.799	14.88
13)		Iodomethane	0.544	0.411	0.527	0.483	0.485	0.481	0.489	9.45
14)		Acrolein	0.015	0.016	0.015	0.015	0.015	0.014	0.015	3.39
15)		Methylene Chloride	0.704	0.347	0.402	0.370	0.365	0.363	0.425	32.42
		---- Linear regr., Force(0,0) ---- Coefficient = 0.9996								
		Response Ratio = 0.00000 + 0.36500 *A								
16)		Acetone	0.147	0.087	0.099	0.091	0.088	0.087	0.100	23.76
		---- Linear regr., Force(0,0) ---- Coefficient = 0.9993								
		Response Ratio = 0.00000 + 0.08809 *A								
17)		Methyl acetate	0.337	0.241	0.277	0.261	0.260	0.257	0.272	12.49
18)		trans-1,2-Dichloroe	0.457	0.328	0.427	0.392	0.387	0.382	0.395	11.13
19)		Hexane	0.300	0.196	0.276	0.249	0.237	0.235	0.249	14.38
20)		Methyl Tert Butyl E	1.047	0.776	0.911	0.853	0.843	0.840	0.878	10.58
21)		Di-isopropyl ether	1.172	0.843	1.022	0.946	0.939	0.932	0.976	11.46
22)	P	1,1-Dichloroethane	0.559	0.400	0.517	0.482	0.477	0.474	0.485	10.92
23)		Acrylonitrile	0.095	0.109	0.114	0.114	0.112	0.111	0.109	6.68
24)		ETBE	0.968	0.707	0.849	0.785	0.774	0.761	0.807	11.26
25)		Vinyl acetate	0.397	0.411	0.401	0.416	0.431	0.403	0.410	3.03
26)		cis-1,2-Dichloroeth	0.380	0.274	0.341	0.318	0.317	0.316	0.324	10.78
27)		2,2-Dichloropropane	0.409	0.271	0.377	0.340	0.339	0.331	0.344	13.59
28)		Bromochloromethane	0.205	0.149	0.186	0.175	0.173	0.172	0.177	10.49
29)		Cyclohexane	0.511	0.350	0.512	0.462	0.452	0.447	0.456	13.05
30)	C	Chloroform	0.626	0.442	0.546	0.503	0.491	0.479	0.514	12.52
31)		Tetrahydrofuran	0.144	0.104	0.110	0.104	0.124	0.104	0.115	14.10
32)	S	Dibromofluoromethan	0.266	0.263	0.264	0.262	0.261	0.257	0.262	1.22
33)		Carbon Tetrachlorid	0.373	0.312	0.391	0.415	0.421	0.422	0.389	10.94
34)		1,1,1-Trichloroetha	0.460	0.338	0.467	0.426	0.427	0.420	0.423	10.83
35)		2-Butanone	0.229	0.158	0.196	0.180	0.168	0.169	0.183	14.03
36)		1,1-Dichloropropene	0.402	0.292	0.408	0.376	0.369	0.367	0.369	11.21
37)		Benzene	1.423	0.962	1.229	1.130	1.109	1.103	1.159	13.36

Initial Calibration Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VN480-ICC480
Lab FileID: N0011308.D

38)		TAME	0.992	0.745	0.886	0.835	0.832	0.790	0.847	10.13
39)	S	1,2-Dichloroethane-	0.305	0.305	0.301	0.298	0.297	0.294	0.300	1.43
40)		1,2-Dichloroethane	0.496	0.373	0.436	0.410	0.400	0.394	0.418	10.31
41)		Trichloroethene	0.358	0.248	0.325	0.295	0.286	0.285	0.299	12.56
42)		Methylcyclohexane	0.486	0.353	0.521	0.467	0.458	0.456	0.457	12.32
43)		Dibromomethane	0.242	0.178	0.208	0.193	0.192	0.192	0.201	11.08
44)	C	1,2-Dichloropropane	0.347	0.253	0.315	0.291	0.288	0.284	0.296	10.76
45)		Bromodichloromethan	0.464	0.348	0.436	0.411	0.409	0.408	0.413	9.29
46)		2-Chloroethyl vinyl	0.141	0.102	0.123	0.114	0.111	0.110	0.117	11.60
47)		cis-1,3-Dichloropro	0.558	0.399	0.501	0.474	0.469	0.465	0.478	10.83
48)	I	Chlorobenzene-d5	----------ISTD----------							
49)	S	Toluene-d8	1.227	1.224	1.258	1.291	1.320	1.372	1.282	4.50
50)	C	Toluene	1.940	1.295	1.698	1.606	1.609	1.641	1.631	12.70
51)		2-Nitropropane	0.058	0.049	0.079	0.091	0.103	0.113	0.082	30.67

---- Linear regr., Force(0,0) ---- Coefficient = 0.9935
Response Ratio = 0.00000 + 0.10677 *A

52)		4-Methyl-2-pentanon	0.569	0.410	0.496	0.466	0.455	0.456	0.475	11.25
53)		trans-1,3-Dichlorop	0.596	0.457	0.581	0.558	0.562	0.572	0.554	8.97
54)		Tetrachloroethene	0.430	0.315	0.442	0.422	0.416	0.428	0.409	11.45
55)		1,1,2-Trichloroetha	0.379	0.269	0.329	0.314	0.319	0.326	0.323	10.90
56)		Dibromochloromethan	0.447	0.338	0.450	0.444	0.459	0.477	0.436	11.36
57)		1,3-Dichloropropane	0.735	0.546	0.668	0.630	0.635	0.649	0.644	9.50
58)		1,2-Dibromoethane	0.485	0.347	0.430	0.413	0.418	0.434	0.421	10.50
59)		2-hexanone	0.429	0.301	0.365	0.342	0.337	0.340	0.352	12.22
60)		1-Chlorohexane	0.513	0.377	0.549	0.521	0.519	0.532	0.502	12.42
61)	C	Ethylbenzene	2.088	1.457	1.884	1.760	1.728	1.734	1.775	11.68
62)	P	Chlorobenzene	1.241	0.893	1.132	1.058	1.050	1.054	1.071	10.65
63)		1,1,1,2-Tetrachloro	0.420	0.300	0.399	0.385	0.397	0.408	0.385	11.24
64)		m,p-Xylene	1.631	1.143	1.491	1.379	1.331	1.309	1.381	12.09
65)		o-Xylene	1.650	1.200	1.558	1.453	1.464	1.478	1.467	10.28
66)		Styrene	1.337	1.001	1.292	1.238	1.244	1.267	1.230	9.58
67)	P	Bromoform	0.280	0.218	0.294	0.298	0.319	0.339	0.291	14.26
68)		Isopropylbenzene	1.755	1.254	1.718	1.606	1.619	1.656	1.601	11.21
69)	I	1,4-Dichlorobenzene-d	----------ISTD----------							
70)	S	4-Bromofluorobenzen	0.933	0.930	0.927	0.937	0.932	0.938	0.933	0.44
71)		n-Propylbenzene	4.075	2.998	4.039	3.713	3.585	3.530	3.657	10.79
72)		Bromobenzene	1.050	0.762	0.920	0.868	0.852	0.844	0.883	10.96
73)	P	1,1,2,2-Tetrachloro	1.208	0.829	0.963	0.906	0.896	0.881	0.947	14.25
74)		1,3,5-Trimethylbenz	2.990	2.148	2.880	2.659	2.601	2.549	2.638	11.15
75)		2-Chlorotoluene	2.961	2.181	2.764	2.544	2.499	2.451	2.566	10.49
76)		trans-1,4-Dichloro-	0.244	0.166	0.218	0.221	0.231	0.232	0.219	12.45
77)		1,2,3-Trichloroprop	0.345	0.271	0.310	0.292	0.285	0.281	0.297	8.93
78)		Cyclohexanone	0.052	0.057	0.055	0.056	0.056	0.056	0.055	2.80
79)		4-Chlorotoluene	2.731	1.973	2.511	2.322	2.261	2.227	2.338	11.08
80)		tert-Butylbenzene	1.691	1.217	1.634	1.499	1.460	1.432	1.489	11.24
81)		1,2,4-Trimethylbenz	3.224	2.322	2.954	2.745	2.688	2.632	2.761	11.07
82)		sec-Butylbenzene	3.603	2.667	3.683	3.377	3.316	3.264	3.318	10.82
83)		4-Isopropyltoluene	3.058	2.223	3.035	2.790	2.754	2.705	2.761	10.95
84)		1,3-Dichlorobenzene	1.891	1.352	1.700	1.603	1.582	1.570	1.616	10.93
85)		1,4-Dichlorobenzene	1.941	1.393	1.727	1.616	1.598	1.577	1.642	11.08
86)		n-Butylbenzene	1.741	1.264	1.753	1.625	1.597	1.575	1.593	11.12
87)		Benzyl Chloride	0.391	0.282	0.388	0.388	0.388	0.385	0.370	11.66
88)		1,2-Dichlorobenzene	1.883	1.349	1.675	1.568	1.549	1.539	1.594	11.08
89)		1,2-Dibromo-3-Chlor	0.245	0.180	0.212	0.202	0.201	0.207	0.208	10.23
90)		Hexachlorobutadiene	0.511	0.337	0.484	0.440	0.452	0.454	0.446	13.38
91)		1,2,4-Trichlorobenz	1.301	0.930	1.160	1.084	1.095	1.094	1.111	10.83
92)		Naphthalene	3.842	2.810	3.467	3.246	3.252	3.270	3.315	10.15

Initial Calibration Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VN480-ICC480
Lab FileID: N0011308.D

```
93)     1,2,3-Trichlorobenz 1.215 0.886 1.124 1.041 1.052 1.052 1.062  10.20

94) I   Tert Butyl Alcohol-d1 ----------------ISTD---------------------
95)     Tert Butyl Alcohol  1.569 1.170 1.293 1.237 1.247 1.241 1.293  10.90
96)     tert Amyl alcohol   1.179 0.929 1.021 1.062 1.121 1.063 1.062   8.06
97)     1,4-Dioxane         0.157 0.132 0.164 0.154 0.153 0.144 0.151   7.58
---------------------------------------------------------------------------
(#) = Out of Range

          8260N.M           Thu Apr 27 11:04:59 2006
```

Initial Calibration Verification

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VN480-ICV480
Lab FileID: N0011311.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\2\DATA\042606\N0011311.D Vial: 7
Acq On : 26 Apr 2006 2:40 pm Operator: calvins
Sample : icv480-4 Inst : MSVOA8
Misc : ms5750,vn480,,,,,1 Multiplr: 1.00
MS Integration Params: Rteint.p

Method : C:\MSDCHEM\2\METHODS\8260N.M (RTE Integrator)
Title : SW-846 Method 5030B/8260B & EPA 624
Last Update : Wed Apr 26 14:38:18 2006
Response via : Multiple Level Calibration

Min. RRF : 0.001 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	Fluorobenzene	1.000	1.000	0.0	99	0.00	11.17
2		Dichlorodifluoromethane	0.321	0.351	-9.3	104	0.00	4.50
3	P	Chloromethane	0.306	0.331	-8.2	108	0.00	4.88
4	C	Vinyl Chloride	0.231	0.253	-9.5	106	0.00	5.09
		----------	Amount	Calc.	%Drift		----------	
5		Bromomethane	40.000	37.419	6.5	94	0.00	5.69
		----------	AvgRF	CCRF	%Dev		----------	
6		Chloroethane	0.113	0.114	-0.9	98	0.00	5.91
7		Trichlorofluoromethane	0.303	0.344	-13.5	108	0.01	6.18
8		Ethyl Ether	0.162	0.145	10.5	90	0.00	6.61
9		1,2-Dichlorotrifluoroetha	0.273	0.290	-6.2	112	0.00	6.91
10	C	1,1-Dichloroethene	0.371	0.370	0.3	97	0.00	6.99
11		Freon 113	0.230	0.226	1.7	94	0.00	7.04
12		Carbon Disulfide	0.799	0.742	7.1	94	0.00	7.10
13		Iodomethane	0.489	0.448	8.4	92	0.00	7.25
14		Acrolein	0.015	0.009	40.0#	62	0.00	7.47
		----------	Amount	Calc.	%Drift		----------	
15		Methylene Chloride	40.000	39.349	1.6	96	0.00	7.84
16		Acetone	200.000	198.084	1.0	94	0.00	7.87
		----------	AvgRF	CCRF	%Dev		----------	
17		Methyl acetate	0.272	0.234	14.0	89	0.00	8.03
18		trans-1,2-Dichloroethene	0.395	0.397	-0.5	100	0.00	8.07
19		Hexane	0.249	0.242	2.8	96	0.00	8.15
20		Methyl Tert Butyl Ether	0.878	0.843	4.0	97	0.00	8.19
21		Di-isopropyl ether	0.976	0.944	3.3	98	0.00	8.67
22	P	1,1-Dichloroethane	0.485	0.495	-2.1	101	0.00	8.91
23		Acrylonitrile	0.109	0.119	-9.2	103	0.00	8.96
24		ETBE	0.807	0.873	-8.2	110	0.00	9.16
25		Vinyl acetate	0.410	0.638	-55.6#	151	0.00	9.16
26		cis-1,2-Dichloroethene	0.324	0.309	4.6	96	0.00	9.63
27		2,2-Dichloropropane	0.344	0.385	-11.9	112	0.00	9.78
28		Bromochloromethane	0.177	0.167	5.6	94	0.00	9.89
29		Cyclohexane	0.456	0.447	2.0	95	0.00	9.94
30	C	Chloroform	0.514	0.517	-0.6	101	0.00	9.94
31		Tetrahydrofuran	0.115	0.123	-7.0	116	0.00	10.17
32	S	Dibromofluoromethane	0.262	0.264	-0.8	100	0.00	10.17
33		Carbon Tetrachloride	0.389	0.439	-12.9	104	0.00	10.18
34		1,1,1-Trichloroethane	0.423	0.436	-3.1	101	0.00	10.26

Initial Calibration Verification

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VN480-ICV480
Lab FileID: N0011311.D

35		2-Butanone	0.183	0.172	6.0	95	0.00	10.29
36		1,1-Dichloropropene	0.369	0.380	-3.0	100	0.00	10.39
37		Benzene	1.159	1.137	1.9	99	0.00	10.70
38		TAME	0.847	0.842	0.6	99	0.00	10.77
39	S	1,2-Dichloroethane-d4	0.300	0.300	0.0	99	0.00	10.85
40		1,2-Dichloroethane	0.418	0.417	0.2	100	0.00	10.93
41		Trichloroethene	0.299	0.301	-0.7	100	0.00	11.38
42		Methylcyclohexane	0.457	0.478	-4.6	101	0.00	11.41
43		Dibromomethane	0.201	0.200	0.5	102	0.00	11.90
44	C	1,2-Dichloropropane	0.296	0.294	0.7	99	0.00	12.00
45		Bromodichloromethane	0.413	0.404	2.2	97	0.00	12.04
46		2-Chloroethyl vinyl ether	0.117	0.219	-87.2#	189	0.00	12.63
47		cis-1,3-Dichloropropene	0.478	0.498	-4.2	104	0.00	12.76
48	I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00	14.74
49	S	Toluene-d8	1.282	1.278	0.3	99	0.00	12.98
50	C	Toluene	1.631	1.598	2.0	100	0.00	13.04
		----------	Amount	Calc.	%Drift		----------	
51		2-Nitropropane	200.000	175.503	12.2	103	0.00	13.28
		----------	AvgRF	CCRF	%Dev		----------	
52		4-Methyl-2-pentanone	0.475	0.464	2.3	100	0.00	13.40
53		trans-1,3-Dichloropropene	0.554	0.614	-10.8	110	0.00	13.47
54		Tetrachloroethene	0.409	0.426	-4.2	101	0.00	13.50
55		1,1,2-Trichloroethane	0.323	0.316	2.2	101	0.00	13.67
56		Dibromochloromethane	0.436	0.442	-1.4	100	0.00	13.90
57		1,3-Dichloropropane	0.644	0.626	2.8	100	0.00	13.99
58		1,2-Dibromoethane	0.421	0.417	1.0	101	0.00	14.21
59		2-hexanone	0.352	0.341	3.1	100	0.00	14.32
60		1-Chlorohexane	0.502	0.528	-5.2	102	0.00	14.66
61	C	Ethylbenzene	1.775	1.738	2.1	99	0.00	14.74
62	P	Chlorobenzene	1.071	1.073	-0.2	102	0.00	14.76
63		1,1,1,2-Tetrachloroethane	0.385	0.395	-2.6	103	0.00	14.81
64		m,p-Xylene	1.381	1.381	0.0	100	0.00	14.88
65		o-Xylene	1.467	1.464	0.2	101	0.00	15.38
66		Styrene	1.230	1.209	1.7	98	0.00	15.42
67	P	Bromoform	0.291	0.309	-6.2	104	0.00	15.52
68		Isopropylbenzene	1.601	1.679	-4.9	105	0.00	15.70
69	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00	17.29
70	S	4-Bromofluorobenzene	0.933	0.924	1.0	99	0.00	16.06
71		n-Propylbenzene	3.657	3.703	-1.3	100	0.00	16.15
72		Bromobenzene	0.883	0.857	2.9	99	0.00	16.21
73	P	1,1,2,2-Tetrachloroethane	0.947	0.924	2.4	102	0.00	16.22
74		1,3,5-Trimethylbenzene	2.638	2.645	-0.3	100	0.00	16.34
75		2-Chlorotoluene	2.566	2.559	0.3	101	0.00	16.38
76		trans-1,4-Dichloro-2-Bute	0.219	0.254	-16.0	115	0.00	16.42
77		1,2,3-Trichloropropane	0.297	0.297	0.0	102	0.00	16.41
78		Cyclohexanone	0.055	0.029	47.3#	52	0.00	16.50
79		4-Chlorotoluene	2.338	2.341	-0.1	101	0.00	16.56
80		tert-Butylbenzene	1.489	1.497	-0.5	100	0.00	16.72
81		1,2,4-Trimethylbenzene	2.761	2.708	1.9	99	0.00	16.78
82		sec-Butylbenzene	3.318	3.414	-2.9	101	0.00	16.91
83		4-Isopropyltoluene	2.761	2.792	-1.1	100	0.00	17.04
84		1,3-Dichlorobenzene	1.616	1.622	-0.4	102	0.00	17.22
85		1,4-Dichlorobenzene	1.642	1.649	-0.4	102	0.00	17.31
86		n-Butylbenzene	1.593	1.659	-4.1	102	0.00	17.51
87		Benzyl Chloride	0.370	0.421	-13.8	109	0.00	17.55
88		1,2-Dichlorobenzene	1.594	1.581	0.8	101	0.00	17.78

Initial Calibration Verification

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VN480-ICV480
Lab FileID: N0011311.D

89		1,2-Dibromo-3-Chloropropa	0.208	0.206	1.0	102	0.00	18.62
90		Hexachlorobutadiene	0.446	0.460	-3.1	105	0.00	19.29
91		1,2,4-Trichlorobenzene	1.111	1.117	-0.5	103	0.00	19.37
92		Naphthalene	3.315	3.296	0.6	102	0.00	19.76
93		1,2,3-Trichlorobenzene	1.062	1.052	0.9	101	0.00	19.98
94	I	Tert Butyl Alcohol-d10	1.000	1.000	0.0	105	0.00	8.14
95		Tert Butyl Alcohol	1.293	1.221	5.6	103	0.00	8.25
96		tert Amyl alcohol	1.062	1.057	0.5	104	0.00	10.93
97		1,4-Dioxane	0.151	0.142	6.0	96	0.00	12.25

(#) = Out of Range SPCC's out = 0 CCC's out = 0
N0011308.D 8260N.M Thu Apr 27 11:04:40 2006

5.9.5

5

Continuing Calibration Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VN485-CC480
Lab FileID: N0011404.D

Evaluate Continuing Calibration Report

```
Data File : C:\MSDCHEM\2\DATA\050106\N0011404.D          Vial: 1
Acq On    :  1 May 2006   9:15 am                    Operator: calvins
Sample    : cc480-4                                  Inst    : MSVOA8
Misc      : ms6034,vn485,,,,,1                       Multiplr: 1.00
MS Integration Params: Rteint.p

Method       : C:\MSDCHEM\2\METHODS\8260N.M (RTE Integrator)
Title        : SW-846 Method 5030B/8260B & EPA 624
Last Update  : Wed Apr 26 14:38:18 2006
Response via : Multiple Level Calibration

Min. RRF     :   0.001  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  20%     Max. Rel. Area : 200%
```

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	Fluorobenzene	1.000	1.000	0.0	80	0.00	11.17
2		Dichlorodifluoromethane	0.321	0.334	-4.0	81	0.00	4.50
3	P	Chloromethane	0.306	0.336	-9.8	90	0.00	4.88
4	C	Vinyl Chloride	0.231	0.275	-19.0	94	0.00	5.09
		----------	Amount	Calc.	%Drift		----------	
5		Bromomethane	40.000	57.224	-43.1#	107	0.00	5.69
		----------	AvgRF	CCRF	%Dev		----------	
6		Chloroethane	0.113	0.139	-23.0#	98	0.00	5.91
7		Trichlorofluoromethane	0.303	0.412	-36.0#	106	0.00	6.16
8		Ethyl Ether	0.162	0.207	-27.8#	105	0.00	6.62
9		1,2-Dichlorotrifluoroetha	0.273	0.262	4.0	83	0.00	6.91
10	C	1,1-Dichloroethene	0.371	0.331	10.8	71	0.00	6.99
11		Freon 113	0.230	0.213	7.4	72	0.00	7.03
12		Carbon Disulfide	0.799	0.774	3.1	80	0.00	7.10
13		Iodomethane	0.489	0.522	-6.7	87	0.00	7.24
14		Acrolein	0.015	0.011	26.7#	59	0.00	7.47
		----------	Amount	Calc.	%Drift		----------	
15		Methylene Chloride	40.000	42.393	-6.0	84	0.00	7.84
16		Acetone	200.000	226.663	-13.3	88	0.00	7.87
		----------	AvgRF	CCRF	%Dev		----------	
17		Methyl acetate	0.272	0.219	19.5	67	0.00	8.03
18		trans-1,2-Dichloroethene	0.395	0.418	-5.8	86	0.00	8.08
19		Hexane	0.249	0.271	-8.8	88	0.00	8.16
20		Methyl Tert Butyl Ether	0.878	0.863	1.7	81	0.00	8.19
21		Di-isopropyl ether	0.976	0.967	0.9	82	0.00	8.67
22	P	1,1-Dichloroethane	0.485	0.504	-3.9	84	0.00	8.91
23		Acrylonitrile	0.109	0.101	7.3	71	0.00	8.96
24		ETBE	0.807	0.811	-0.5	83	0.00	9.16
25		Vinyl acetate	0.410	0.384	6.3	74	0.00	9.16
26		cis-1,2-Dichloroethene	0.324	0.339	-4.6	86	0.00	9.62
27		2,2-Dichloropropane	0.344	0.384	-11.6	91	0.00	9.78
28		Bromochloromethane	0.177	0.183	-3.4	84	0.00	9.89
29		Cyclohexane	0.456	0.472	-3.5	82	0.00	9.94
30	C	Chloroform	0.514	0.542	-5.4	87	0.00	9.94
31		Tetrahydrofuran	0.115	0.105	8.7	81	0.00	10.17
32	S	Dibromofluoromethane	0.262	0.276	-5.3	85	0.00	10.17
33		Carbon Tetrachloride	0.389	0.373	4.1	72	0.00	10.18
34		1,1,1-Trichloroethane	0.423	0.439	-3.8	83	0.00	10.26

Continuing Calibration Summary

Job Number: F40230 **Sample:** VN485-CC480
Account: TETRFLJX Tetra-Tech NUS **Lab FileID:** N0011404.D
Project: NAS JAX- PCA 25

35		2-Butanone	0.183	0.164	10.4	74	0.00	10.29
36		1,1-Dichloropropene	0.369	0.398	-7.9	85	0.00	10.39
37		Benzene	1.159	1.201	-3.6	85	0.00	10.70
38		TAME	0.847	0.847	0.0	82	0.00	10.76
39	S	1,2-Dichloroethane-d4	0.300	0.300	0.0	81	0.00	10.85
40		1,2-Dichloroethane	0.418	0.421	-0.7	83	0.00	10.93
41		Trichloroethene	0.299	0.310	-3.7	85	0.00	11.38
42		Methylcyclohexane	0.457	0.504	-10.3	87	0.00	11.41
43		Dibromomethane	0.201	0.204	-1.5	85	0.00	11.90
44	C	1,2-Dichloropropane	0.296	0.303	-2.4	84	0.00	12.00
45		Bromodichloromethane	0.413	0.430	-4.1	84	0.00	12.05
46		2-Chloroethyl vinyl ether	0.117	0.116	0.9	82	0.00	12.63
47		cis-1,3-Dichloropropene	0.478	0.499	-4.4	85	0.00	12.76
48	I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00	14.74
49	S	Toluene-d8	1.282	1.195	6.8	84	0.00	12.98
50	C	Toluene	1.631	1.539	5.6	86	0.00	13.04
		----------	Amount	Calc.	%Drift		----------	
51		2-Nitropropane	200.000	201.406	-0.7	106	0.00	13.28
		----------	AvgRF	CCRF	%Dev		----------	
52		4-Methyl-2-pentanone	0.475	0.398	16.2	77	0.00	13.40
53		trans-1,3-Dichloropropene	0.554	0.514	7.2	83	0.00	13.47
54		Tetrachloroethene	0.409	0.378	7.6	81	0.00	13.50
55		1,1,2-Trichloroethane	0.323	0.294	9.0	84	0.00	13.67
56		Dibromochloromethane	0.436	0.407	6.7	83	0.00	13.90
57		1,3-Dichloropropane	0.644	0.577	10.4	83	0.00	13.99
58		1,2-Dibromoethane	0.421	0.374	11.2	82	0.00	14.21
59		2-hexanone	0.352	0.289	17.9	76	0.00	14.32
60		1-Chlorohexane	0.502	0.491	2.2	85	0.00	14.66
61	C	Ethylbenzene	1.775	1.718	3.2	88	0.00	14.74
62	P	Chlorobenzene	1.071	1.024	4.4	87	0.00	14.76
63		1,1,1,2-Tetrachloroethane	0.385	0.353	8.3	83	0.00	14.81
64		m,p-Xylene	1.381	1.336	3.3	87	0.00	14.88
65		o-Xylene	1.467	1.352	7.8	84	0.00	15.38
66		Styrene	1.230	1.142	7.2	83	0.00	15.42
67	P	Bromoform	0.291	0.270	7.2	82	0.00	15.52
68		Isopropylbenzene	1.601	1.491	6.9	84	0.00	15.70
69	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00	17.29
70	S	4-Bromofluorobenzene	0.933	0.889	4.7	85	0.00	16.06
71		n-Propylbenzene	3.657	3.568	2.4	86	0.00	16.15
72		Bromobenzene	0.883	0.802	9.2	83	0.00	16.21
73	P	1,1,2,2-Tetrachloroethane	0.947	0.862	9.0	85	0.00	16.22
74		1,3,5-Trimethylbenzene	2.638	2.465	6.6	83	0.00	16.34
75		2-Chlorotoluene	2.566	2.419	5.7	85	0.00	16.38
76		trans-1,4-Dichloro-2-Bute	0.219	0.204	6.8	83	0.00	16.42
77		1,2,3-Trichloropropane	0.297	0.254	14.5	78	0.00	16.41
78		Cyclohexanone	0.055	0.043	21.8#	69	0.00	16.50
79		4-Chlorotoluene	2.338	2.193	6.2	85	0.00	16.56
80		tert-Butylbenzene	1.489	1.380	7.3	83	0.00	16.72
81		1,2,4-Trimethylbenzene	2.761	2.565	7.1	84	0.00	16.78
82		sec-Butylbenzene	3.318	3.211	3.2	85	0.00	16.91
83		4-Isopropyltoluene	2.761	2.638	4.5	85	0.00	17.04
84		1,3-Dichlorobenzene	1.616	1.499	7.2	84	0.00	17.22
85		1,4-Dichlorobenzene	1.642	1.532	6.7	85	0.00	17.31
86		n-Butylbenzene	1.593	1.590	0.2	88	0.00	17.51
87		Benzyl Chloride	0.370	0.394	-6.5	91	0.00	17.55
88		1,2-Dichlorobenzene	1.594	1.447	9.2	83	0.00	17.78

Continuing Calibration Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VN485-CC480
Lab FileID: N0011404.D

89		1,2-Dibromo-3-Chloropropa	0.208	0.155	25.5#	69	0.00	18.62
90		Hexachlorobutadiene	0.446	0.384	13.9	78	0.00	19.29
91		1,2,4-Trichlorobenzene	1.111	0.978	12.0	81	0.00	19.37
92		Naphthalene	3.315	2.784	16.0	77	0.00	19.76
93		1,2,3-Trichlorobenzene	1.062	0.928	12.6	80	0.00	19.99
94	I	Tert Butyl Alcohol-d10	1.000	1.000	0.0	80	0.00	8.15
95		Tert Butyl Alcohol	1.293	1.164	10.0	75	0.00	8.25
96		tert Amyl alcohol	1.062	0.935	12.0	70	0.00	10.93
97		1,4-Dioxane	0.151	0.139	7.9	72	0.00	12.25

(#) = Out of Range SPCC's out = 0 CCC's out = 0
N0011308.D 8260N.M Mon May 01 13:56:47 2006

Southeast ACCUTEST LABORATORIES

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (DFTPP)
- Internal Standard Area Summaries
- Surrogate Recovery Summaries
- Initial and Continuing Calibration Summaries

Method Blank Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16474-MB	R02546.D	1	05/07/06	ME	05/03/06	OP16474	SR118

The QC reported here applies to the following samples: **Method:** SW846 8270C BY SIM

F40230-1, F40230-2, F40230-3, F40230-4, F40230-5, F40230-6, F40230-7, F40230-8, F40230-9, F40230-10, F40230-11, F40230-12, F40230-13, F40230-14, F40230-15, F40230-16, F40230-17

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	67	17	ug/kg	
208-96-8	Acenaphthylene	ND	67	17	ug/kg	
120-12-7	Anthracene	ND	67	8.3	ug/kg	
56-55-3	Benzo(a)anthracene	ND	13	3.3	ug/kg	
50-32-8	Benzo(a)pyrene	ND	13	3.3	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	13	3.3	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	13	3.3	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	13	3.3	ug/kg	
218-01-9	Chrysene	ND	13	3.3	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	13	3.3	ug/kg	
206-44-0	Fluoranthene	ND	67	8.3	ug/kg	
86-73-7	Fluorene	ND	67	8.3	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	13	3.3	ug/kg	
90-12-0	1-Methylnaphthalene	ND	67	8.3	ug/kg	
91-57-6	2-Methylnaphthalene	ND	67	8.3	ug/kg	
91-20-3	Naphthalene	ND	67	8.3	ug/kg	
85-01-8	Phenanthrene	ND	67	8.3	ug/kg	
129-00-0	Pyrene	ND	67	8.3	ug/kg	

CAS No.	Surrogate Recoveries		Limits
4165-60-0	Nitrobenzene-d5	82%	41-123%
321-60-8	2-Fluorobiphenyl	86%	46-122%
1718-51-0	Terphenyl-d14	95%	45-135%

Method Blank Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16474-MB	R02602.D	1	05/09/06	NJ	05/03/06	OP16474	SR120

The QC reported here applies to the following samples: **Method:** SW846 8270C BY SIM

F40230-1, F40230-2, F40230-3, F40230-4, F40230-5, F40230-6, F40230-7, F40230-8, F40230-9, F40230-10, F40230-11, F40230-12, F40230-13, F40230-14, F40230-15, F40230-16, F40230-17

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	67	17	ug/kg	
208-96-8	Acenaphthylene	ND	67	17	ug/kg	
120-12-7	Anthracene	ND	67	8.3	ug/kg	
56-55-3	Benzo(a)anthracene	ND	13	3.3	ug/kg	
50-32-8	Benzo(a)pyrene	ND	13	3.3	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	13	3.3	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	13	3.3	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	13	3.3	ug/kg	
218-01-9	Chrysene	ND	13	3.3	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	13	3.3	ug/kg	
206-44-0	Fluoranthene	ND	67	8.3	ug/kg	
86-73-7	Fluorene	ND	67	8.3	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	13	3.3	ug/kg	
90-12-0	1-Methylnaphthalene	ND	67	8.3	ug/kg	
91-57-6	2-Methylnaphthalene	ND	67	8.3	ug/kg	
91-20-3	Naphthalene	ND	67	8.3	ug/kg	
85-01-8	Phenanthrene	ND	67	8.3	ug/kg	
129-00-0	Pyrene	ND	67	8.3	ug/kg	

CAS No.	Surrogate Recoveries		Limits
4165-60-0	Nitrobenzene-d5	81%	41-123%
321-60-8	2-Fluorobiphenyl	85%	46-122%
1718-51-0	Terphenyl-d14	92%	45-135%

Blank Spike Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16474-BS	R02545.D	1	05/07/06	ME	05/03/06	OP16474	SR118

The QC reported here applies to the following samples: **Method:** SW846 8270C BY SIM

F40230-1, F40230-2, F40230-3, F40230-4, F40230-5, F40230-6, F40230-7, F40230-8, F40230-9, F40230-10, F40230-11, F40230-12, F40230-13, F40230-14, F40230-15, F40230-16, F40230-17

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
83-32-9	Acenaphthene	833	616	74	60-98
208-96-8	Acenaphthylene	833	601	72	61-95
120-12-7	Anthracene	833	647	78	63-99
56-55-3	Benzo(a)anthracene	83.3	67.9	81	67-102
50-32-8	Benzo(a)pyrene	83.3	68.4	82	69-107
205-99-2	Benzo(b)fluoranthene	83.3	71.4	86	68-107
191-24-2	Benzo(g,h,i)perylene	83.3	67.5	81	59-111
207-08-9	Benzo(k)fluoranthene	83.3	71.1	85	63-109
218-01-9	Chrysene	83.3	69.7	84	66-107
53-70-3	Dibenzo(a,h)anthracene	83.3	67.0	80	61-115
206-44-0	Fluoranthene	833	654	78	62-103
86-73-7	Fluorene	833	634	76	60-100
193-39-5	Indeno(1,2,3-cd)pyrene	83.3	68.2	82	64-115
90-12-0	1-Methylnaphthalene	833	620	74	58-99
91-57-6	2-Methylnaphthalene	833	584	70	54-98
91-20-3	Naphthalene	833	595	71	55-95
85-01-8	Phenanthrene	833	654	78	63-101
129-00-0	Pyrene	833	663	80	60-110

CAS No.	Surrogate Recoveries	BSP	Limits
4165-60-0	Nitrobenzene-d5	91%	41-123%
321-60-8	2-Fluorobiphenyl	94%	46-122%
1718-51-0	Terphenyl-d14	101%	45-135%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16474-MS	R02548.D	4	05/07/06	ME	05/03/06	OP16474	SR118
OP16474-MSD	R02549.D	4	05/07/06	ME	05/03/06	OP16474	SR118
F40245-1	R02547.D	4	05/07/06	ME	05/03/06	OP16474	SR118

The QC reported here applies to the following samples: **Method:** SW846 8270C BY SIM

F40230-1, F40230-2, F40230-3, F40230-4, F40230-5, F40230-6, F40230-7, F40230-8, F40230-9, F40230-10, F40230-11, F40230-12, F40230-13, F40230-14, F40230-15, F40230-16, F40230-17

CAS No.	Compound	F40245-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	462		1000	1090	63	961	51	13	47-109/31
208-96-8	Acenaphthylene	ND		1000	885	88	786	80	12	45-111/31
120-12-7	Anthracene	ND		1000	1020	102	909	92	12	53-112/31
56-55-3	Benzo(a)anthracene	ND		100	85.7	86	77.6	79	10	41-121/36
50-32-8	Benzo(a)pyrene	ND		100	77.3	77	71.8	73	7	45-124/35
205-99-2	Benzo(b)fluoranthene	ND		100	87.0	87	79.8	81	9	43-128/34
191-24-2	Benzo(g,h,i)perylene	ND		100	73.1	73	68.0	69	7	38-120/37
207-08-9	Benzo(k)fluoranthene	ND		100	77.8	78	70.3	71	10	42-119/35
218-01-9	Chrysene	ND		100	91.5	91	81.9	83	11	44-123/35
53-70-3	Dibenzo(a,h)anthracene	ND		100	70.2	70	65.5	66	7	44-116/36
206-44-0	Fluoranthene	58.4	J	1000	927	87	834	79	11	42-125/36
86-73-7	Fluorene	897		1000	1480	58	1290	40*	14	46-114/28
193-39-5	Indeno(1,2,3-cd)pyrene	ND		100	73.3	73	70.1	71	4	40-124/36
90-12-0	1-Methylnaphthalene	ND		1000	787	79	672	68	16	40-111/29
91-57-6	2-Methylnaphthalene	ND		1000	699	70	613	62	13	42-107/33
91-20-3	Naphthalene	60.4	J	1000	768	71	666	61	14	38-105/35
85-01-8	Phenanthrene	ND		1000	752	75	682	69	10	47-119/32
129-00-0	Pyrene	74.5	J	1000	815	74	738	67	10	41-130/36

CAS No.	Surrogate Recoveries	MS	MSD	F40245-1	Limits
4165-60-0	Nitrobenzene-d5	81%	78%	93%	41-123%
321-60-8	2-Fluorobiphenyl	78%	78%	90%	46-122%
1718-51-0	Terphenyl-d14	76%	75%	86%	45-135%

Instrument Performance Check (DFTPP)

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: SR117-DFTPP
Lab File ID: R02534.D
Instrument ID: GCMSR
Injection Date: 05/07/06
Injection Time: 14:45

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	94195	42.0		Pass
68	Less than 2.0% of mass 69	1495	0.67	(1.7) [a]	Pass
69	Mass 69 relative abundance	85472	38.1		Pass
70	Less than 2.0% of mass 69	400	0.18	(0.47) [a]	Pass
127	40.0 - 60.0% of mass 198	110584	49.3		Pass
197	Less than 1.0% of mass 198	0	0.0		Pass
198	Base peak, 100% relative abundance	224320	100.0		Pass
199	5.0 - 9.0% of mass 198	14538	6.5		Pass
275	10.0 - 30.0% of mass 198	49157	21.9		Pass
365	1.0 - 100.0% of mass 198	6051	2.7		Pass
441	Present, but less than mass 443	28361	12.6	(75.2) [b]	Pass
442	40.0 - 100.0% of mass 198	199384	88.9		Pass
443	17.0 - 23.0% of mass 442	37698	16.8	(18.9) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
SR117-IC117	R02535.D	05/07/06	15:03	00:18	Initial cal 1
SR117-IC117	R02536.D	05/07/06	15:33	00:48	Initial cal 2
SR117-IC117	R02537.D	05/07/06	16:03	01:18	Initial cal 3
SR117-ICC117	R02538.D	05/07/06	16:32	01:47	Initial cal 4
SR117-IC117	R02539.D	05/07/06	17:02	02:17	Initial cal 5
SR117-IC117	R02540.D	05/07/06	17:31	02:46	Initial cal 6
SR117-IC117	R02541.D	05/07/06	18:01	03:16	Initial cal 7
SR117-ICV117	R02542.D	05/07/06	18:30	03:45	Initial cal verification 5

Instrument Performance Check (DFTPP)

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: SR118-DFTPP
Lab File ID: R02543.D
Instrument ID: GCMSR
Injection Date: 05/07/06
Injection Time: 19:00

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	72128	45.0		Pass
68	Less than 2.0% of mass 69	1073	0.67	(1.6) [a]	Pass
69	Mass 69 relative abundance	65482	40.9		Pass
70	Less than 2.0% of mass 69	298	0.19	(0.46) [a]	Pass
127	40.0 - 60.0% of mass 198	82458	51.5		Pass
197	Less than 1.0% of mass 198	722	0.45		Pass
198	Base peak, 100% relative abundance	160232	100.0		Pass
199	5.0 - 9.0% of mass 198	11073	6.9		Pass
275	10.0 - 30.0% of mass 198	35674	22.3		Pass
365	1.0 - 100.0% of mass 198	3769	2.4		Pass
441	Present, but less than mass 443	18926	11.8	(72.8) [b]	Pass
442	40.0 - 100.0% of mass 198	135528	84.6		Pass
443	17.0 - 23.0% of mass 442	26013	16.2	(19.2) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
SR118-CC117	R02544.D	05/07/06	19:18	00:18	Continuing cal 5
OP16474-BS	R02545.D	05/07/06	19:48	00:48	Blank Spike
OP16474-MB	R02546.D	05/07/06	20:18	01:18	Method Blank
F40245-1	R02547.D	05/07/06	20:47	01:47	(used for QC only; not part of job F40230)
OP16474-MS	R02548.D	05/07/06	21:17	02:17	Matrix Spike
OP16474-MSD	R02549.D	05/07/06	21:46	02:46	Matrix Spike Duplicate
ZZZZZZ	R02550.D	05/07/06	22:16	03:16	(unrelated sample)
ZZZZZZ	R02551.D	05/07/06	22:46	03:46	(unrelated sample)
F40230-1	R02552.D	05/07/06	23:15	04:15	JAX-PCA25-SB49-503
F40230-2	R02553.D	05/07/06	23:45	04:45	JAX-PCA25-SB50-503
F40230-3	R02554.D	05/08/06	00:14	05:14	JAX-PCA25-SB51-503
F40230-4	R02555.D	05/08/06	00:44	05:44	JAX-PCA25-SB52-503
F40230-5	R02556.D	05/08/06	01:14	06:14	JAX-PCA25-SB53-503
F40230-6	R02557.D	05/08/06	01:44	06:44	JAX-PCA25-SB54-503
F40230-7	R02558.D	05/08/06	02:13	07:13	JAX-PCA25-SB55-503
F40230-8	R02559.D	05/08/06	02:43	07:43	JAX-PCA25-SB56-503
F40230-9	R02560.D	05/08/06	03:13	08:13	JAX-PCA25-SB57-503
F40230-10	R02561.D	05/08/06	03:43	08:43	JAX-PCA25-SB58-503
F40230-11	R02562.D	05/08/06	04:12	09:12	JAX-PCA25-SB59-503

Instrument Performance Check (DFTPP)

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: SR118-DFTPP
Lab File ID: R02543.D
Instrument ID: GCMSR
Injection Date: 05/07/06
Injection Time: 19:00

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
F40230-12	R02563.D	05/08/06	04:42	09:42	JAX-PCA25-SB60-503
F40230-13	R02564.D	05/08/06	05:12	10:12	JAX-PCA25-SB61-503
F40230-14	R02565.D	05/08/06	05:42	10:42	JAX-PCA25-SB62-503
F40230-15	R02566.D	05/08/06	06:11	11:11	JAX-PCA25-SB63-503
F40230-16	R02567.D	05/08/06	06:41	11:41	JAX-PCA25-SB64-503

Instrument Performance Check (DFTPP)

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: SR120-DFTPP
Lab File ID: R02591.D
Instrument ID: GCMSR
Injection Date: 05/08/06
Injection Time: 21:14

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 60.0% of mass 198	64229	45.5		Pass
68	Less than 2.0% of mass 69	983	0.7	(1.7) [a]	Pass
69	Mass 69 relative abundance	56632	40.1		Pass
70	Less than 2.0% of mass 69	328	0.23	(0.58) [a]	Pass
127	40.0 - 60.0% of mass 198	72562	51.4		Pass
197	Less than 1.0% of mass 198	0	0.0		Pass
198	Base peak, 100% relative abundance	141112	100.0		Pass
199	5.0 - 9.0% of mass 198	9288	6.6		Pass
275	10.0 - 30.0% of mass 198	31470	22.3		Pass
365	1.0 - 100.0% of mass 198	3582	2.5		Pass
441	Present, but less than mass 443	17198	12.2	(76.0) [b]	Pass
442	40.0 - 100.0% of mass 198	121424	86.0		Pass
443	17.0 - 23.0% of mass 442	22642	16.0	(18.6) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
SR120-CC117	R02592.D	05/08/06	21:34	00:20	Continuing cal 5
OP16495-BS	R02593.D	05/08/06	22:05	00:51	Blank Spike
OP16495-MB	R02594.D	05/08/06	22:36	01:22	Method Blank
F40367-1	R02595.D	05/08/06	23:07	01:53	(used for QC only; not part of job F40230)
OP16495-MS	R02596.D	05/08/06	23:38	02:24	Matrix Spike
OP16495-MSD	R02597.D	05/09/06	00:10	02:56	Matrix Spike Duplicate
ZZZZZZ	R02598.D	05/09/06	00:41	03:27	(unrelated sample)
ZZZZZZ	R02599.D	05/09/06	01:12	03:58	(unrelated sample)
ZZZZZZ	R02600.D	05/09/06	01:43	04:29	(unrelated sample)
ZZZZZZ	R02601.D	05/09/06	02:14	05:00	(unrelated sample)
OP16474-MB	R02602.D	05/09/06	02:45	05:31	Method Blank
F40230-17	R02603.D	05/09/06	03:17	06:03	JAX-PCA25-SB65-503
F40230-16	R02604.D	05/09/06	03:48	06:34	JAX-PCA25-SB64-503

Semivolatile Internal Standard Area Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Check Std:	SR118-CC117	**Injection Date:**	05/07/06
Lab File ID:	R02544.D	**Injection Time:**	19:18
Instrument ID:	GCMSR	**Method:**	SW846 8270C BY SIM

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	633329	6.24	260718	8.54	346323	11.06	214870	16.00	174449	18.51
Upper Limit [a]	1266658	6.74	521436	9.04	692646	11.56	429740	16.50	348898	19.01
Lower Limit [b]	316665	5.74	130359	8.04	173162	10.56	107435	15.50	87225	18.01

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
OP16474-BS	576135	6.23	236930	8.54	309437	11.06	190910	16.00	155835	18.50
OP16474-MB	564871	6.23	234683	8.53	300646	11.06	180456	16.00	147869	18.50
F40245-1	490800	6.24	187026	8.56	260838	11.09	196229	16.00	163451	18.50
OP16474-MS	486999	6.23	189997	8.55	262437	11.09	192482	16.00	160803	18.50
OP16474-MSD	495739	6.23	191120	8.55	267761	11.08	194533	16.00	163026	18.50
ZZZZZZ	577882	6.24	224286	8.55	309982	11.08	226817	16.00	190960	18.50
ZZZZZZ	504336	6.23	195586	8.55	265333	11.08	186771	16.00	156644	18.50
F40230-1	482228	6.23	200516	8.54	256909	11.06	159250	16.00	139675	18.51
F40230-2	539996	6.23	223146	8.54	288479	11.06	176648	16.00	154887	18.51
F40230-3	530041	6.23	217817	8.54	281187	11.06	175305	16.00	154794	18.51
F40230-4	536813	6.23	221836	8.54	286493	11.06	178532	16.00	158451	18.51
F40230-5	549828	6.23	226226	8.54	293503	11.06	183070	16.00	159543	18.51
F40230-6	540631	6.23	225192	8.54	290187	11.06	179793	16.00	156707	18.50
F40230-7	536879	6.23	220788	8.54	285750	11.06	178125	16.00	156613	18.50
F40230-8	551201	6.23	223832	8.54	286880	11.06	176815	16.00	153096	18.50
F40230-9	553291	6.23	224674	8.54	291322	11.06	181817	16.00	157418	18.50
F40230-10	610647	6.23	266800	8.54	342349	11.06	214902	16.00	187853	18.51
F40230-11	570638	6.23	233357	8.54	300356	11.06	184622	16.00	160034	18.51
F40230-12	646392	6.23	265811	8.54	346867	11.06	216788	16.00	186277	18.51
F40230-13	654213	6.23	274333	8.54	355234	11.06	221551	16.00	192388	18.51
F40230-14	570065	6.23	235974	8.54	302250	11.06	186002	16.00	163170	18.51
F40230-15	639647	6.24	264735	8.54	342475	11.06	220727	16.00	193692	18.51
F40230-16	320698	6.25	202376	8.56	297094	11.06	189611	16.00	165465	18.51

IS 1 = Naphthalene-d8
IS 2 = Acenaphthene-D10
IS 3 = Phenanthrene-d10
IS 4 = Chrysene-d12
IS 5 = Perylene-d12

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Semivolatile Internal Standard Area Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Check Std:	SR120-CC117	**Injection Date:**	05/08/06
Lab File ID:	R02592.D	**Injection Time:**	21:34
Instrument ID:	GCMSR	**Method:**	SW846 8270C BY SIM

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	511698	6.22	212433	8.52	282619	11.05	188628	15.98	163432	18.48
Upper Limit [a]	1023396	6.72	424866	9.02	565238	11.55	377256	16.48	326864	18.98
Lower Limit [b]	255849	5.72	106217	8.02	141310	10.55	94314	15.48	81716	17.98

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
OP16495-BS	524769	6.22	219528	8.52	293683	11.04	194600	15.98	168418	18.48
OP16495-MB	525345	6.22	221938	8.51	293506	11.04	197033	15.98	173934	18.48
F40367-1	577464	6.22	240279	8.51	321884	11.04	219089	15.98	191982	18.49
OP16495-MS	507502	6.22	213226	8.52	283989	11.04	188605	15.98	166974	18.49
OP16495-MSD	510606	6.22	213233	8.52	285846	11.04	191204	15.98	168668	18.48
ZZZZZZ	564211	6.22	237929	8.52	315763	11.04	212040	15.99	187524	18.49
ZZZZZZ	540186	6.22	228107	8.52	303551	11.04	203416	15.98	181987	18.49
ZZZZZZ	570606	6.22	238802	8.52	318660	11.04	213532	15.98	187119	18.48
ZZZZZZ	537064	6.22	227422	8.52	302269	11.04	206808	15.98	179710	18.49
OP16474-MB	458807	6.22	190507	8.51	246116	11.04	157881	15.98	136707	18.49
F40230-17	483060	6.22	203452	8.52	273640	11.04	182547	15.98	163683	18.49
F40230-16	366703	6.23	196416	8.53	276020	11.04	189169	15.98	166822	18.49

IS 1 = Naphthalene-d8
IS 2 = Acenaphthene-D10
IS 3 = Phenanthrene-d10
IS 4 = Chrysene-d12
IS 5 = Perylene-d12

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Semivolatile Surrogate Recovery Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Method: SW846 8270C BY SIM **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
F40230-1	R02552.D	69.0	78.0	80.0
F40230-2	R02553.D	65.0	78.0	83.0
F40230-3	R02554.D	76.0	86.0	89.0
F40230-4	R02555.D	73.0	84.0	91.0
F40230-5	R02556.D	75.0	84.0	91.0
F40230-6	R02557.D	71.0	79.0	94.0
F40230-7	R02558.D	65.0	70.0	75.0
F40230-8	R02559.D	75.0	81.0	86.0
F40230-9	R02560.D	81.0	90.0	94.0
F40230-10	R02561.D	95.0	87.0	93.0
F40230-11	R02562.D	76.0	84.0	88.0
F40230-12	R02563.D	75.0	81.0	87.0
F40230-13	R02564.D	72.0	87.0	95.0
F40230-14	R02565.D	70.0	78.0	85.0
F40230-15	R02566.D	73.0	83.0	85.0
F40230-16	R02604.D	0.0* [a]	0.0* [a]	0.0* [a]
F40230-16	R02567.D	0.0* [a]	0.0* [a]	0.0* [a]
F40230-17	R02603.D	0.0* [a]	0.0* [a]	0.0* [a]
OP16474-BS	R02545.D	91.0	94.0	101.0
OP16474-MB	R02546.D	82.0	86.0	95.0
OP16474-MB	R02602.D	81.0	85.0	92.0
OP16474-MS	R02548.D	81.0	78.0	76.0
OP16474-MSD	R02549.D	78.0	78.0	75.0

Surrogate Compounds	Recovery Limits
S1 = Nitrobenzene-d5	41-123%
S2 = 2-Fluorobiphenyl	46-122%
S3 = Terphenyl-d14	45-135%

(a) Outside control limits due to dilution.

Initial Calibration Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: SR117-ICC117
Lab FileID: R02538.D

Response Factor Report MSBNA3

Method : C:\msdchem\1\METHODS\SIM_PAH.M (RTE Integrator)
Title : PAH's by 8270 SIM
Last Update : Mon May 08 10:11:04 2006
Response via : Initial Calibration

Calibration Files
L1 =R02535.D L2 =R02536.D L3 =R02537.D L4 =R02538.D
L5 =R02539.D L6 =R02540.D L7 =R02541.D icv =R02542.D

Compound	L1	L2	L3	L4	L5	L6	L7	icv	Avg	%RSD
1) I Naphthalene-d8				----------ISTD----------						
2) Nitrobenzene	0.426	0.400	0.407	0.409	0.412	0.381	0.376		0.402	4.41
3) N-nitroso-di		0.142	0.132	0.126	0.118	0.098	0.093		0.118	16.21
4) Naphthalene	1.359	1.252	1.217	1.167	1.108	0.930	0.897		1.133	14.90
5) 2-Methylnaph	0.822	0.771	0.748	0.713	0.676	0.570	0.552		0.693	14.62
6) 1-Methylnaph	0.752	0.693	0.680	0.649	0.616	0.521	0.502		0.631	14.48
7) I Acenaphthene-d10				----------ISTD----------						
8) Hexachlorocy		0.378	0.433	0.448	0.439	0.397	0.380		0.413	7.59
9) 2-Fluorobiph	1.908	1.760	1.776	1.760	1.747	1.567	1.528		1.721	7.61
10) Acenaphthyle	2.754	2.561	2.529	2.459	2.348	2.059	1.977		2.384	11.71
11) Acenaphthene	1.667	1.526	1.513	1.442	1.382	1.200	1.153		1.412	13.00
12) 2,4-Dinitrop		0.105	0.144	0.178	0.191	0.198	0.195		0.168	21.88
13) 4-Nitropheno		0.276	0.305	0.323	0.325	0.306	0.297		0.305	5.89
14) Fluorene	1.680	1.565	1.554	1.507	1.455	1.274	1.231		1.467	11.03
15) I Phenanthrene-d10				----------ISTD----------						
16) Phenanthrene	1.642	1.530	1.503	1.448	1.412	1.252	1.218		1.429	10.60
17) Anthracene	1.603	1.504	1.499	1.452	1.413	1.251	1.221		1.420	9.79
18) Fluoranthene	1.517	1.424	1.416	1.373	1.354	1.222	1.192		1.357	8.48
19) I Chrysene-d12				----------ISTD----------						
20) Pyrene	2.501	2.342	2.343	2.253	2.221	1.952	1.920		2.219	9.59
21) Terphenyl-d1	0.992	0.934	0.950	0.939	0.958	0.869	0.861		0.929	5.10
22) Benzo[a]anth	1.801	1.596	1.594	1.611	1.681	1.622	1.613		1.645	4.52
23) Chrysene	1.666	1.553	1.580	1.593	1.664	1.585	1.573		1.602	2.79
24) I Perylene-d12				----------ISTD----------						
25) Benzo[b]fluo	1.698	1.528	1.613	1.663	1.764	1.702	1.698		1.667	4.58
26) Benzo[k]fluo	1.786	1.714	1.737	1.798	1.909	1.837	1.858		1.806	3.78
27) Benzo[a]pyre	1.557	1.423	1.441	1.490	1.578	1.546	1.547		1.512	4.04
28) Indeno[1,2,3	1.416	1.269	1.276	1.264	1.376	1.353	1.345		1.328	4.48
29) Dibenz[a,h]a	1.364	1.250	1.267	1.270	1.366	1.330	1.329		1.311	3.67
30) Benzo[g,h,i]	1.754	1.601	1.614	1.595	1.701	1.624	1.619		1.644	3.65

(#) = Out of Range ### Number of calibration levels exceeded format ###

SIM_PAH.M Mon May 08 10:11:30 2006

Initial Calibration Verification

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: SR117-ICV117
Lab FileID: R02542.D

Evaluate Continuing Calibration Report

```
Data File : C:\msdchem\1\DATA\050706\R02542.D            Vial: 11
Acq On    :  7 May 2006   6:30 pm                    Operator: marke
Sample    : icv117-5                                 Inst    : MSBNA3
Misc      : op16474,sr117,30.5,,,1,4,soil            Multiplr: 1.00
MS Integration Params: RTEINT.P

Method       : C:\msdchem\1\METHODS\SIM_PAH.M (RTE Integrator)
Title        : PAH's by 8270 SIM
Last Update  : Mon May 08 10:11:04 2006
Response via : Multiple Level Calibration

Min. RRF     :   0.050  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  20%     Max. Rel. Area : 200%
```

		Compound	Amount	Calc.	%Drift	Area%	Dev(min)	R.T.
1	I	Naphthalene-d8	4.000	4.000	0.0	74	0.00	6.23
2	S	Nitrobenzene-d5		----------NA----------				
3	P	N-nitroso-di-n-propylamin		----------NA----------				
4		Naphthalene	25.000	25.231	-0.9	0	0.00	6.25
5		2-Methylnaphthalene	25.000	24.143	3.4	0	0.00	7.06
6		1-Methylnaphthalene	25.000	25.754	-3.0	0	0.00	7.18
7	I	Acenaphthene-d10	4.000	4.000	0.0	74	0.00	8.54
8	P	Hexachlorocyclopentadiene		----------NA----------				
9	S	2-Fluorobiphenyl		----------NA----------				
10		Acenaphthylene	25.000	25.574	-2.3	0	0.00	8.31
11	C	Acenaphthene	25.000	25.547	-2.2	0	0.00	8.59
12	P	2,4-Dinitrophenol		----------NA----------				
13	P	4-Nitrophenol		----------NA----------				
14		Fluorene	25.000	25.707	-2.8	0	0.00	9.44
15	I	Phenanthrene-d10	4.000	4.000	0.0	73	0.00	11.06
16		Phenanthrene	25.000	25.833	-3.3	0	0.00	11.11
17		Anthracene	25.000	26.165	-4.7	0	0.00	11.20
18	C	Fluoranthene	25.000	25.544	-2.2	0	0.00	13.30
19	I	Chrysene-d12	4.000	4.000	0.0	72	0.00	16.00
20		Pyrene	25.000	25.456	-1.8	0	0.00	13.71
21	S	Terphenyl-d14		----------NA----------				
22		Benzo[a]anthracene	2.500	2.549	-2.0	0	0.00	15.98
23		Chrysene	2.500	2.690	-7.6	0	0.00	16.05
24	I	Perylene-d12	4.000	4.000	0.0	71	0.00	18.50
25		Benzo[b]fluoranthene	2.500	2.703	-8.1	0	0.00	17.89
26		Benzo[k]fluoranthene	2.500	2.688	-7.5	0	0.00	17.94
27	C	Benzo[a]pyrene	2.500	2.725	-9.0	0	0.00	18.41
28		Indeno[1,2,3-cd]pyrene	2.500	2.534	-1.4	0	0.00	20.09
29		Dibenz[a,h]anthracene	2.500	2.598	-3.9	0	0.00	20.15
30		Benzo[g,h,i]perylene	2.500	2.600	-4.0	0	0.00	20.45

```
(#) = Out of Range                SPCC's out = 0  CCC's out = 0
 R02542.D   SIM_PAH.M        Mon May 08 10:11:41 2006
```

Continuing Calibration Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: SR118-CC117
Lab FileID: R02544.D

Evaluate Continuing Calibration Report

```
Data File : C:\msdchem\1\DATA\050706\R02544.D            Vial: 8
Acq On    :  7 May 2006   7:18 pm                    Operator: marke
Sample    : cc117-5                                  Inst    : MSBNA3
Misc      : op16474,sr118,30.5,,,1,4,soil            Multiplr: 1.00
MS Integration Params: RTEINT.P

Method       : C:\msdchem\1\METHODS\SIM_PAH.M (RTE Integrator)
Title        : PAH's by 8270 SIM
Last Update  : Mon May 08 10:11:04 2006
Response via : Multiple Level Calibration

Min. RRF     :   0.050  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  20%     Max. Rel. Area : 200%
```

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	Naphthalene-d8	1.000	1.000	0.0	96	0.00	6.24
2	S	Nitrobenzene-d5	0.402	0.411	-2.2	95	0.00	5.54
3	P	N-nitroso-di-n-propylamin	0.118	0.118	0.0	96	0.00	5.41
4		Naphthalene	1.133	1.094	3.4	95	0.00	6.25
5		2-Methylnaphthalene	0.693	0.672	3.0	95	0.00	7.06
6		1-Methylnaphthalene	0.631	0.610	3.3	95	0.00	7.19
7	I	Acenaphthene-d10	1.000	1.000	0.0	95	0.00	8.54
8	P	Hexachlorocyclopentadiene	0.413	0.419	-1.5	90	0.00	7.26
9	S	2-Fluorobiphenyl	1.721	1.747	-1.5	95	0.00	7.55
10		Acenaphthylene	2.384	2.351	1.4	95	0.00	8.32
11	C	Acenaphthene	1.412	1.383	2.1	95	0.00	8.59
12	P	2,4-Dinitrophenol	0.168	0.199	-18.5	99	0.00	8.67
13	P	4-Nitrophenol	0.305	0.328	-7.5	96	0.02	8.80
14		Fluorene	1.467	1.455	0.8	95	0.00	9.44
15	I	Phenanthrene-d10	1.000	1.000	0.0	96	0.00	11.06
16		Phenanthrene	1.429	1.405	1.7	95	0.00	11.11
17		Anthracene	1.420	1.407	0.9	95	0.00	11.21
18	C	Fluoranthene	1.357	1.339	1.3	95	0.00	13.30
19	I	Chrysene-d12	1.000	1.000	0.0	94	0.00	16.00
20		Pyrene	2.219	2.214	0.2	94	0.00	13.71
21	S	Terphenyl-d14	0.929	0.960	-3.3	94	0.00	14.11
22		Benzo[a]anthracene	1.645	1.655	-0.6	93	0.00	15.98
23		Chrysene	1.602	1.660	-3.6	94	0.00	16.05
24	I	Perylene-d12	1.000	1.000	0.0	92	0.00	18.51
25		Benzo[b]fluoranthene	1.667	1.725	-3.5	90	0.00	17.89
26		Benzo[k]fluoranthene	1.806	1.929	-6.8	93	0.00	17.93
27	C	Benzo[a]pyrene	1.512	1.548	-2.4	90	0.00	18.41
28		Indeno[1,2,3-cd]pyrene	1.328	1.272	4.2	85	0.00	20.10
29		Dibenz[a,h]anthracene	1.311	1.298	1.0	87	0.00	20.15
30		Benzo[g,h,i]perylene	1.644	1.620	1.5	87	0.00	20.45

(#) = Out of Range SPCC's out = 0 CCC's out = 0
R02539.D SIM_PAH.M Mon May 08 10:14:22 2006

Continuing Calibration Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: SR120-CC117
Lab FileID: R02592.D

Evaluate Continuing Calibration Report

```
Data File : C:\msdchem\1\DATA\050806\R02592.D            Vial: 24
Acq On    :  8 May 2006   9:34 pm                    Operator: nareshj
Sample    : cc117-5                                  Inst    : MSBNA3
Misc      : op16448,sr120,450,,,1,1,water            Multiplr: 1.00
MS Integration Params: RTEINT.P

Method       : C:\msdchem\1\METHODS\SIM_PAH.M (RTE Integrator)
Title        : PAH's by 8270 SIM
Last Update  : Mon May 08 15:39:51 2006
Response via : Multiple Level Calibration

Min. RRF     :   0.050  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  20%     Max. Rel. Area : 200%
```

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	Naphthalene-d8	1.000	1.000	0.0	77	0.00	6.22
2	S	Nitrobenzene-d5	0.402	0.412	-2.5	77	0.00	5.53
3	P	N-nitroso-di-n-propylamin	0.118	0.111	5.9	73	0.01	5.40
4		Naphthalene	1.133	1.094	3.4	76	0.00	6.24
5		2-Methylnaphthalene	0.693	0.675	2.6	77	0.01	7.05
6		1-Methylnaphthalene	0.631	0.613	2.9	77	0.00	7.17
7	I	Acenaphthene-d10	1.000	1.000	0.0	77	0.00	8.52
8	P	Hexachlorocyclopentadiene	0.413	0.338	18.2	59	0.00	7.24
9	S	2-Fluorobiphenyl	1.721	1.743	-1.3	77	0.00	7.53
10		Acenaphthylene	2.384	2.327	2.4	77	0.00	8.30
11	C	Acenaphthene	1.412	1.376	2.5	77	0.01	8.58
12	P	2,4-Dinitrophenol	0.168	0.188	-11.9	76	0.01	8.66
13	P	4-Nitrophenol	0.305	0.315	-3.3	75	0.03	8.79
14		Fluorene	1.467	1.444	1.6	77	0.01	9.42
15	I	Phenanthrene-d10	1.000	1.000	0.0	78	0.00	11.05
16		Phenanthrene	1.429	1.393	2.5	77	0.00	11.09
17		Anthracene	1.420	1.405	1.1	78	0.00	11.19
18	C	Fluoranthene	1.357	1.352	0.4	78	0.01	13.28
19	I	Chrysene-d12	1.000	1.000	0.0	83	0.00	15.98
20		Pyrene	2.219	2.074	6.5	77	0.00	13.69
21	S	Terphenyl-d14	0.929	0.932	-0.3	80	0.00	14.09
22		Benzo[a]anthracene	1.645	1.689	-2.7	83	0.00	15.97
23		Chrysene	1.602	1.645	-2.7	82	0.00	16.03
24	I	Perylene-d12	1.000	1.000	0.0	86	0.00	18.48
25		Benzo[b]fluoranthene	1.667	1.753	-5.2	85	0.00	17.87
26		Benzo[k]fluoranthene	1.806	1.896	-5.0	85	0.00	17.92
27	C	Benzo[a]pyrene	1.512	1.598	-5.7	87	0.00	18.39
28		Indeno[1,2,3-cd]pyrene	1.328	1.388	-4.5	87	0.01	20.08
29		Dibenz[a,h]anthracene	1.311	1.417	-8.1	89	0.00	20.13
30		Benzo[g,h,i]perylene	1.644	1.675	-1.9	85	0.01	20.44

```
(#) = Out of Range                SPCC's out = 0  CCC's out = 0
 R02539.D   SIM_PAH.M        Tue May 09 09:35:41 2006
```

Southeast ACCUTEST LABORATORIES

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries
- GC Surrogate Retention Time Summaries
- Initial and Continuing Calibration Summaries

Method Blank Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16422-MB	OP61010.D	1	04/27/06	VS	04/27/06	OP16422	GOP1689

The QC reported here applies to the following samples: **Method:** FLORIDA-PRO

F40230-1, F40230-2, F40230-3, F40230-4, F40230-5, F40230-6, F40230-7, F40230-8, F40230-9, F40230-10

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	ND	8.3	5.7	mg/kg	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	93%	49-116%

Method Blank Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16453-MB	OP61155.D	1	05/02/06	VS	05/01/06	OP16453	GOP1692

The QC reported here applies to the following samples: **Method:** FLORIDA-PRO

F40230-11, F40230-12, F40230-13, F40230-14, F40230-15, F40230-16, F40230-17

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	ND	8.3	5.7	mg/kg	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	85%	49-116%

Method Blank Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16453-MB	OP61189.D	1	05/03/06	VS	05/01/06	OP16453	GOP1693

The QC reported here applies to the following samples: **Method:** FLORIDA-PRO

F40230-11, F40230-12, F40230-13, F40230-14, F40230-15, F40230-16, F40230-17

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	ND	8.3	5.7	mg/kg	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	81%	49-116%

Blank Spike Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16422-BS	OP61009.D	1	04/27/06	VS	04/27/06	OP16422	GOP1689

The QC reported here applies to the following samples: **Method:** FLORIDA-PRO

F40230-1, F40230-2, F40230-3, F40230-4, F40230-5, F40230-6, F40230-7, F40230-8, F40230-9, F40230-10

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH (C8-C40)	28.3	23.2	82	65-109

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	81%	49-116%

Blank Spike Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16453-BS	OP61154.D	1	05/02/06	VS	05/01/06	OP16453	GOP1692

The QC reported here applies to the following samples: **Method:** FLORIDA-PRO

F40230-11, F40230-12, F40230-13, F40230-14, F40230-15, F40230-16, F40230-17

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH (C8-C40)	28.3	22.0	78	65-109

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	84%	49-116%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16422-MS	OP61030.D	1	04/28/06	VS	04/27/06	OP16422	GOP1689
OP16422-MSD	OP61031.D	1	04/28/06	VS	04/27/06	OP16422	GOP1689
F40230-5	OP61029.D	1	04/27/06	VS	04/27/06	OP16422	GOP1689

The QC reported here applies to the following samples: **Method:** FLORIDA-PRO

F40230-1, F40230-2, F40230-3, F40230-4, F40230-5, F40230-6, F40230-7, F40230-8, F40230-9, F40230-10

CAS No.	Compound	F40230-5 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH (C8-C40)	7.96	I	30.8	31.8	77	29.2	69	9	26-138/35

CAS No.	Surrogate Recoveries	MS	MSD	F40230-5	Limits
84-15-1	o-Terphenyl	90%	83%	77%	49-116%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16453-MS	OP61157.D	1	05/02/06	VS	05/01/06	OP16453	GOP1692
OP16453-MSD	OP61158.D	1	05/02/06	VS	05/01/06	OP16453	GOP1692
F40230-11	OP61156.D	1	05/02/06	VS	05/01/06	OP16453	GOP1692

The QC reported here applies to the following samples: **Method:** FLORIDA-PRO

F40230-11, F40230-12, F40230-13, F40230-14, F40230-15, F40230-16, F40230-17

CAS No.	Compound	F40230-11 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH (C8-C40)	9.5	U	32.6	25.3	78	26.5	82	5	26-138/35

CAS No.	Surrogate Recoveries	MS	MSD	F40230-11	Limits
84-15-1	o-Terphenyl	78%	83%	80%	49-116%

7.3.2

7

Semivolatile Surrogate Recovery Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Method: FLORIDA-PRO **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]
F40230-1	OP61023.D	84.0
F40230-2	OP61024.D	89.0
F40230-3	OP61025.D	86.0
F40230-4	OP61026.D	80.0
F40230-5	OP61029.D	77.0
F40230-6	OP61032.D	81.0
F40230-7	OP61033.D	89.0
F40230-8	OP61034.D	79.0
F40230-9	OP61035.D	80.0
F40230-10	OP61036.D	82.0
F40230-11	OP61156.D	80.0
F40230-12	OP61159.D	85.0
F40230-13	OP61181.D	86.0
F40230-14	OP61161.D	80.0
F40230-15	OP61162.D	92.0
F40230-16	OP61183.D	0.0* [b]
F40230-17	OP61182.D	82.0
OP16422-BS	OP61009.D	81.0
OP16422-MB	OP61010.D	93.0
OP16422-MS	OP61030.D	90.0
OP16422-MSD	OP61031.D	83.0
OP16453-BS	OP61154.D	84.0
OP16453-MB	OP61155.D	85.0
OP16453-MB	OP61189.D	81.0
OP16453-MS	OP61157.D	78.0
OP16453-MSD	OP61158.D	83.0

Surrogate Compounds	Recovery Limits
S1 = o-Terphenyl	49-116%

(a) Recovery from GC signal #1
(b) Outside control limits due to dilution.

GC Surrogate Retention Time Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Check Std:	GOP1689-CC1678	**Injection Date:**	04/27/06
Lab File ID:	OP61006.D	**Injection Time:**	14:07
Instrument ID:	GCOP	**Method:**	FLORIDA-PRO

	S1 [a] **RT**
Check Std	5.90

Lab Sample ID	**Lab File ID**	**Date Analyzed**	**Time Analyzed**	**S1** [a] **RT**
OP16422-BS	OP61009.D	04/27/06	16:55	5.90
OP16422-MB	OP61010.D	04/27/06	17:16	5.90
ZZZZZZ	OP61011.D	04/27/06	17:37	5.89
ZZZZZZ	OP61012.D	04/27/06	17:58	5.89
ZZZZZZ	OP61013.D	04/27/06	18:20	5.90
ZZZZZZ	OP61014.D	04/27/06	18:41	5.90
ZZZZZZ	OP61015.D	04/27/06	19:02	5.90
ZZZZZZ	OP61016.D	04/27/06	19:23	5.90

Surrogate Compounds

S1 = o-Terphenyl

(a) Retention time from GC signal #1

GC Surrogate Retention Time Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Check Std:	GOP1689-CC1678	**Injection Date:**	04/27/06
Lab File ID:	OP61017.D	**Injection Time:**	19:45
Instrument ID:	GCOP	**Method:**	FLORIDA-PRO

	S1 [a] **RT**
Check Std	5.90

Lab Sample ID	**Lab File ID**	**Date Analyzed**	**Time Analyzed**	**S1** [a] **RT**
ZZZZZZ	OP61019.D	04/27/06	20:27	5.89
ZZZZZZ	OP61020.D	04/27/06	20:48	5.89
ZZZZZZ	OP61021.D	04/27/06	21:09	5.89
ZZZZZZ	OP61022.D	04/27/06	21:31	5.89
F40230-1	OP61023.D	04/27/06	21:52	5.89
F40230-2	OP61024.D	04/27/06	22:13	5.90
F40230-3	OP61025.D	04/27/06	22:34	5.89
F40230-4	OP61026.D	04/27/06	22:56	5.89

Surrogate Compounds

S1 = o-Terphenyl

(a) Retention time from GC signal #1

GC Surrogate Retention Time Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Check Std:	GOP1689-CC1678	**Injection Date:**	04/27/06
Lab File ID:	OP61027.D	**Injection Time:**	23:17
Instrument ID:	GCOP	**Method:**	FLORIDA-PRO

	S1 [a] **RT**
Check Std	5.90

Lab Sample ID	**Lab File ID**	**Date Analyzed**	**Time Analyzed**	**S1** [a] **RT**
F40230-5	OP61029.D	04/27/06	23:59	5.90
OP16422-MS	OP61030.D	04/28/06	00:20	5.90
OP16422-MSD	OP61031.D	04/28/06	00:41	5.90
F40230-6	OP61032.D	04/28/06	01:03	5.89
F40230-7	OP61033.D	04/28/06	01:24	5.89
F40230-8	OP61034.D	04/28/06	01:45	5.90
F40230-9	OP61035.D	04/28/06	02:06	5.90
F40230-10	OP61036.D	04/28/06	02:28	5.89
GOP1689-ECC1678	OP61037.D	04/28/06	02:49	5.90

Surrogate Compounds

S1 = o-Terphenyl

(a) Retention time from GC signal #1

GC Surrogate Retention Time Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Check Std:	GOP1692-CC1678	**Injection Date:**	05/02/06
Lab File ID:	OP61152.D	**Injection Time:**	11:53
Instrument ID:	GCOP	**Method:**	FLORIDA-PRO

	S1 [a] **RT**
Check Std	5.89

Lab Sample ID	**Lab File ID**	**Date Analyzed**	**Time Analyzed**	**S1** [a] **RT**
OP16453-BS	OP61154.D	05/02/06	12:35	5.89
OP16453-MB	OP61155.D	05/02/06	12:56	5.89
F40230-11	OP61156.D	05/02/06	13:18	5.89
OP16453-MS	OP61157.D	05/02/06	13:39	5.89
OP16453-MSD	OP61158.D	05/02/06	14:00	5.89
F40230-12	OP61159.D	05/02/06	14:22	5.89
F40230-14	OP61161.D	05/02/06	15:04	5.89
F40230-15	OP61162.D	05/02/06	15:25	5.89

Surrogate Compounds

S1 = o-Terphenyl

(a) Retention time from GC signal #1

GC Surrogate Retention Time Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Check Std:	GOP1692-CC1678	**Injection Date:**	05/02/06
Lab File ID:	OP61173.D	**Injection Time:**	19:20
Instrument ID:	GCOP	**Method:**	FLORIDA-PRO

	S1 [a] **RT**
Check Std	5.89

Lab Sample ID	**Lab File ID**	**Date Analyzed**	**Time Analyzed**	**S1** [a] **RT**
ZZZZZZ	OP61176.D	05/02/06	20:23	5.89
ZZZZZZ	OP61177.D	05/02/06	20:45	5.89
ZZZZZZ	OP61178.D	05/02/06	21:06	5.89
ZZZZZZ	OP61179.D	05/02/06	21:27	5.89
ZZZZZZ	OP61180.D	05/02/06	21:48	5.89
F40230-13	OP61181.D	05/02/06	22:09	5.89
F40230-17	OP61182.D	05/02/06	22:31	5.89
F40230-16	OP61183.D	05/02/06	22:52	0.00
GOP1692-ECC1678	OP61184.D	05/02/06	23:13	5.89

Surrogate Compounds

S1 = o-Terphenyl

(a) Retention time from GC signal #1

GC Surrogate Retention Time Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Check Std:	GOP1693-CC1678	**Injection Date:**	05/03/06
Lab File ID:	OP61186.D	**Injection Time:**	09:34
Instrument ID:	GCOP	**Method:**	FLORIDA-PRO

	S1 [a] **RT**
Check Std	5.89

Lab Sample ID	**Lab File ID**	**Date Analyzed**	**Time Analyzed**	**S1** [a] **RT**
OP16453-MB	OP61189.D	05/03/06	10:38	5.89
ZZZZZZ	OP61190.D	05/03/06	11:00	5.89
OP16466-BS	OP61191.D	05/03/06	11:21	5.89
OP16466-MB	OP61192.D	05/03/06	11:43	5.89
ZZZZZZ	OP61193.D	05/03/06	12:04	5.89
ZZZZZZ	OP61194.D	05/03/06	12:26	5.89

Surrogate Compounds

S1 = o-Terphenyl

(a) Retention time from GC signal #1

Initial Calibration Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GOP1678-ICC1678
Lab FileID: OP60536.D

```
                         Response Factor Report  FID 2

 Method       : C:\HPCHEM\2\METHODS\FL_PROF2.M (Chemstation Integrator)
 Title        : TPH by FL_PRO
 Last Update  : Tue Apr 11 14:23:08 2006
 Response via : Initial Calibration

 Calibration Files
 255 =OP60542.D   340 =OP60534.D   680 =OP60535.D   1020=OP60536.D
 1360=OP60537.D   1700=OP60538.D   2125=OP60539.D   4250=OP60540.D

  Compound         255   340   680   1020  1360  1700  2125  4250  Avg %RSD
 ---------------------------------------------------------------------------
 1) O-TERPHENYL  2.240 2.256 2.220 2.175 2.584 2.219             2.282 E4   6.59
 2) TPH (C8-C40) 2.322 2.202 2.095 2.030 2.390 2.062 2.006 1.894 2.125 E4   7.88
---------------------------------------------------------------------------
(#) = Out of Range  ###  Number of calibration levels exceeded format  ###

          FL_PROF2.M        Wed Apr 12 15:44:09 2006
```

7.6.1

7

Initial Calibration Verification

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GOP1678-ICV1678
Lab FileID: OP60541.D

Evaluate Continuing Calibration Report

```
Data File : C:\HPCHEM\2\DATA\0411PRO\OP60541.D          Vial: 9
Acq On    : 11 Apr 2006   1:45 pm                   Operator: gingers
Sample    : icv1678-1020                            Inst    : FID 2
Misc      : op16219,gop1678,30.0,,,1,1,soil         Multiplr: 1.00
IntFile   : events.e

Method       : C:\HPCHEM\2\METHODS\FL_PROF2.M (Chemstation Integrator)
Title        : TPH by FL_PRO
Last Update  : Tue Apr 11 14:23:08 2006
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  25%     Max. Rel. Area : 150%

       Compound                Amount  Calc.    %Drift Area% Dev(min)RT Window
 ---------------------------------------------------------------------------
 1 S   O-TERPHENYL                        ----------NA----------
 2 H   TPH (C8-C40)           1020.000 1004.768      1.5  103   0.00    2.52-11.99
---------------------------------------------------------------------------
---------------------------------------------------------------------------

   (#) = Out of Range              SPCC's out = 0  CCC's out = 0
    OP60536.D  FL_PROF2.M       Wed Apr 12 15:44:36 2006
```

7.6.2

7

Continuing Calibration Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GOP1689-CC1678
Lab FileID: OP61006.D

Evaluate Continuing Calibration Report

```
Data File : C:\HPCHEM\2\DATA\0427PRO\OP61006.D          Vial: 1
Acq On    : 27 Apr 2006   2:07 pm                   Operator: gingers
Sample    : cc1678-1020                             Inst    : FID 2
Misc      : op16397,gop1689,30.0,,,1,1,soil         Multiplr: 1.00
IntFile   : events.e

Method       : C:\HPCHEM\2\METHODS\FL_PROF2.M (Chemstation Integrator)
Title        : TPH by FL_PRO
Last Update  : Thu Apr 27 14:39:24 2006
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  25%     Max. Rel. Area : 150%
```

	Compound	Amount	Calc.	%Drift	Area%	Dev(min)	RT Window
1 S	O-TERPHENYL	60.000	61.159	-1.9	107	0.00	5.81- 5.97
2 H	TPH (C8-C40)	1020.000	1038.671	-1.8	107	0.00	2.45-11.85

(#) = Out of Range SPCC's out = 0 CCC's out = 0
OP60536.D FL_PROF2.M Fri Apr 28 08:46:02 2006

7.6.3

7

Continuing Calibration Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GOP1689-CC1678
Lab FileID: OP61007.D

Evaluate Continuing Calibration Report

```
Data File : C:\HPCHEM\2\DATA\0427PRO\OP61007.D          Vial: 2
Acq On    : 27 Apr 2006   2:41 pm                   Operator: gingers
Sample    : cc1678-340                              Inst    : FID 2
Misc      : op16397,gop1689,30.0,,,1,1,soil         Multiplr: 1.00
IntFile   : events.e

Method       : C:\HPCHEM\2\METHODS\FL_PROF2.M (Chemstation Integrator)
Title        : TPH by FL_PRO
Last Update  : Thu Apr 27 14:39:24 2006
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  25%     Max. Rel. Area : 150%

       Compound                Amount  Calc.    %Drift Area% Dev(min)RT Window
 ---------------------------------------------------------------------------
 1 S   O-TERPHENYL             20.000  19.867      0.7  100   0.00    5.81- 5.97
 2 H   TPH (C8-C40)           340.000 356.792     -4.9  101   0.00    2.45-11.85
---------------------------------------------------------------------------
---------------------------------------------------------------------------

   (#) = Out of Range              SPCC's out = 0  CCC's out = 0
    OP60534.D  FL_PROF2.M       Fri Apr 28 08:46:25 2006
```

7.6.4

7

Continuing Calibration Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GOP1689-CC1678
Lab FileID: OP61017.D

Evaluate Continuing Calibration Report

```
Data File : C:\HPCHEM\2\DATA\0427PRO\OP61017.D          Vial: 1
Acq On    : 27 Apr 2006   7:45 pm                   Operator: gingers
Sample    : cc1678-1020                             Inst    : FID 2
Misc      : op16422,gop1689,30.0,,,1,1,soil         Multiplr: 1.00
IntFile   : events.e

Method       : C:\HPCHEM\2\METHODS\FL_PROF2.M (Chemstation Integrator)
Title        : TPH by FL_PRO
Last Update  : Thu Apr 27 14:39:24 2006
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  25%     Max. Rel. Area : 150%
```

	Compound	Amount	Calc.	%Drift	Area%	Dev(min)	RT Window
1 S	O-TERPHENYL	60.000	62.881	-4.8	110	0.00	5.81- 5.97
2 H	TPH (C8-C40)	1020.000	1070.271	-4.9	110	0.00	2.45-11.85

(#) = Out of Range SPCC's out = 0 CCC's out = 0
OP60536.D FL_PROF2.M Fri Apr 28 08:46:03 2006

7.6.5

7

Continuing Calibration Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GOP1689-CC1678
Lab FileID: OP61027.D

Evaluate Continuing Calibration Report

```
Data File : C:\HPCHEM\2\DATA\0427PRO\OP61027.D          Vial: 1
Acq On    : 27 Apr 2006  11:17 pm                   Operator: gingers
Sample    : cc1678-1020                             Inst    : FID 2
Misc      : op16422,gop1689,30.0,,,1,1,soil         Multiplr: 1.00
IntFile   : events.e

Method       : C:\HPCHEM\2\METHODS\FL_PROF2.M (Chemstation Integrator)
Title        : TPH by FL_PRO
Last Update  : Thu Apr 27 14:39:24 2006
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  25%     Max. Rel. Area : 150%
```

	Compound	Amount	Calc.	%Drift	Area%	Dev(min)	RT Window
1 S	O-TERPHENYL	60.000	62.738	-4.6	110	0.00	5.81- 5.97
2 H	TPH (C8-C40)	1020.000	1143.987	-12.2	117	0.00	2.45-11.85

(#) = Out of Range SPCC's out = 0 CCC's out = 0
OP60536.D FL_PROF2.M Fri Apr 28 08:46:03 2006

7.6.6

7

Continuing Calibration Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GOP1689-ECC1678
Lab FileID: OP61037.D

```
                    Evaluate Continuing Calibration Report

 Data File : C:\HPCHEM\2\DATA\0427PRO\OP61037.D          Vial: 1
 Acq On    : 28 Apr 2006   2:49 am                   Operator: gingers
 Sample    : ecc1678-1020                            Inst    : FID 2
 Misc      : op16422,gop1689,30.0,,,1,1,soil         Multiplr: 1.00
 IntFile   : events.e

 Method       : C:\HPCHEM\2\METHODS\FL_PROF2.M (Chemstation Integrator)
 Title        : TPH by FL_PRO
 Last Update  : Thu Apr 27 14:39:24 2006
 Response via : Multiple Level Calibration

 Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
 Max. RRF Dev :  25%     Max. Rel. Area : 150%

        Compound                Amount  Calc.    %Drift Area% Dev(min)RT Window
 ---------------------------------------------------------------------------
 1 S   O-TERPHENYL             60.000  63.167     -5.3  110   0.00    5.81- 5.97
 2 H   TPH (C8-C40)          1020.000 1195.660    -17.2  123   0.00    2.45-11.85
---------------------------------------------------------------------------
---------------------------------------------------------------------------

   (#) = Out of Range              SPCC's out = 0  CCC's out = 0
    OP60536.D  FL_PROF2.M       Fri Apr 28 08:46:04 2006
```

7.6.7

7

Continuing Calibration Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GOP1692-CC1678
Lab FileID: OP61152.D

Evaluate Continuing Calibration Report

```
Data File : C:\HPCHEM\2\DATA\0502PRO\OP61152.D          Vial: 1
Acq On    :  2 May 2006  11:53 am                   Operator: gingers
Sample    : cc1678-1020                             Inst    : FID 2
Misc      : op16444,gop1692,1000,,,1,1,water        Multiplr: 1.00
IntFile   : events.e

Method       : C:\HPCHEM\2\METHODS\FL_PROF2.M (Chemstation Integrator)
Title        : TPH by FL_PRO
Last Update  : Mon May 01 10:48:54 2006
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  25%     Max. Rel. Area : 150%
```

	Compound	Amount	Calc.	%Drift	Area%	Dev(min)	RT Window
1 S	O-TERPHENYL	60.000	60.163	-0.3	105	0.00	5.81- 5.97
2 H	TPH (C8-C40)	1020.000	1015.692	0.4	104	0.00	2.38-11.85

(#) = Out of Range SPCC's out = 0 CCC's out = 0
OP60536.D FL_PROF2.M Tue May 02 13:08:44 2006

7.6.8

7

Continuing Calibration Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GOP1692-CC1678
Lab FileID: OP61163.D

Evaluate Continuing Calibration Report

```
Data File : C:\HPCHEM\2\DATA\0502PRO\OP61163.D          Vial: 1
Acq On    :  2 May 2006   3:47 pm                   Operator: gingers
Sample    : cc1678-1020                             Inst    : FID 2
Misc      : op16453,gop1692,30.0,,,1,1,soil         Multiplr: 1.00
IntFile   : events.e

Method       : C:\HPCHEM\2\METHODS\FL_PROF2.M (Chemstation Integrator)
Title        : TPH by FL_PRO
Last Update  : Mon May 01 10:48:54 2006
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  25%     Max. Rel. Area : 150%
```

	Compound	Amount	Calc.	%Drift	Area%	Dev(min)	RT Window
1 S	O-TERPHENYL	60.000	60.033	-0.1	105	0.00	5.81- 5.97
2 H	TPH (C8-C40)	1020.000	1045.616	-2.5	107	0.00	2.38-11.85

(#) = Out of Range SPCC's out = 0 CCC's out = 0
OP60536.D FL_PROF2.M Wed May 03 09:38:31 2006

7.6.9

7

Continuing Calibration Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GOP1692-CC1678
Lab FileID: OP61173.D

Evaluate Continuing Calibration Report

```
Data File : C:\HPCHEM\2\DATA\0502PRO\OP61173.D          Vial: 1
Acq On    :  2 May 2006   7:20 pm                   Operator: gingers
Sample    : cc1678-1020                             Inst    : FID 2
Misc      : op16453,gop1692,30.0,,,1,1,soil         Multiplr: 1.00
IntFile   : events.e

Method       : C:\HPCHEM\2\METHODS\FL_PROF2.M (Chemstation Integrator)
Title        : TPH by FL_PRO
Last Update  : Mon May 01 10:48:54 2006
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  25%     Max. Rel. Area : 150%
```

	Compound	Amount	Calc.	%Drift	Area%	Dev(min)	RT Window
1 S	O-TERPHENYL	60.000	61.284	-2.1	107	0.00	5.81- 5.97
2 H	TPH (C8-C40)	1020.000	1042.068	-2.2	107	0.00	2.38-11.85

(#) = Out of Range SPCC's out = 0 CCC's out = 0
OP60536.D FL_PROF2.M Wed May 03 09:38:31 2006

7.6.10

7

Continuing Calibration Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GOP1692-ECC1678
Lab FileID: OP61184.D

Evaluate Continuing Calibration Report

```
Data File : C:\HPCHEM\2\DATA\0502PRO\OP61184.D          Vial: 1
Acq On    :  2 May 2006  11:13 pm                   Operator: gingers
Sample    : ecc1678-1020                            Inst    : FID 2
Misc      : op16453,gop1692,30.0,,,1,1,soil         Multiplr: 1.00
IntFile   : events.e

Method       : C:\HPCHEM\2\METHODS\FL_PROF2.M (Chemstation Integrator)
Title        : TPH by FL_PRO
Last Update  : Mon May 01 10:48:54 2006
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  25%     Max. Rel. Area : 150%
```

	Compound	Amount	Calc.	%Drift	Area%	Dev(min)	RT Window
1 S	O-TERPHENYL	60.000	62.589	-4.3	109	0.00	5.81- 5.97
2 H	TPH (C8-C40)	1020.000	1066.603	-4.6	109	0.00	2.38-11.85

(#) = Out of Range SPCC's out = 0 CCC's out = 0
OP60536.D FL_PROF2.M Wed May 03 09:38:32 2006

7.6.11

7

Continuing Calibration Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GOP1693-CC1678
Lab FileID: OP61186.D

Evaluate Continuing Calibration Report

```
Data File : C:\HPCHEM\2\DATA\0503PRO\OP61186.D          Vial: 1
Acq On    :  3 May 2006   9:34 am                   Operator: gingers
Sample    : cc1678-1020                             Inst    : FID 2
Misc      : op16453,gop1693,30.0,,,1,1,soil         Multiplr: 1.00
IntFile   : events.e

Method       : C:\HPCHEM\2\METHODS\FL_PROF2.M (Chemstation Integrator)
Title        : TPH by FL_PRO
Last Update  : Mon May 01 10:48:54 2006
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  25%     Max. Rel. Area : 150%

       Compound                Amount  Calc.    %Drift Area% Dev(min)RT Window
 ---------------------------------------------------------------------------
 1 S   O-TERPHENYL             60.000  60.429     -0.7  106   0.00    5.81- 5.97
 2 H   TPH (C8-C40)          1020.000 1024.696     -0.5  105   0.00    2.38-11.85
---------------------------------------------------------------------------
---------------------------------------------------------------------------

   (#) = Out of Range              SPCC's out = 0  CCC's out = 0
    OP60536.D  FL_PROF2.M       Wed May 03 13:02:58 2006
```

7.6.12

7

Continuing Calibration Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GOP1693-CC1678
Lab FileID: OP61187.D

Evaluate Continuing Calibration Report

```
Data File : C:\HPCHEM\2\DATA\0503PRO\OP61187.D          Vial: 2
Acq On    :  3 May 2006   9:55 am                   Operator: gingers
Sample    : cc1678-340                              Inst    : FID 2
Misc      : op16453,gop1693,30.0,,,1,1,soil         Multiplr: 1.00
IntFile   : events.e

Method       : C:\HPCHEM\2\METHODS\FL_PROF2.M (Chemstation Integrator)
Title        : TPH by FL_PRO
Last Update  : Mon May 01 10:48:54 2006
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  25%     Max. Rel. Area : 150%
```

	Compound	Amount	Calc.	%Drift	Area%	Dev(min)	RT Window
1 S	O-TERPHENYL	20.000	20.435	-2.2	103	0.00	5.81- 5.97
2 H	TPH (C8-C40)	340.000	365.007	-7.4	104	0.00	2.38-11.85

(#) = Out of Range SPCC's out = 0 CCC's out = 0
OP60534.D FL_PROF2.M Wed May 03 13:02:35 2006

7.6.13

7

Continuing Calibration Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GOP1693-CC1678
Lab FileID: OP61195.D

Evaluate Continuing Calibration Report

```
Data File : C:\HPCHEM\2\DATA\0503PRO\OP61195.D          Vial: 1
Acq On    :  3 May 2006  12:47 pm                   Operator: gingers
Sample    : cc1678-1020                             Inst    : FID 2
Misc      : op16466,gop1693,30.0,,,1,1,soil         Multiplr: 1.00
IntFile   : events.e

Method       : C:\HPCHEM\2\METHODS\FL_PROF2.M (Chemstation Integrator)
Title        : TPH by FL_PRO
Last Update  : Mon May 01 10:48:54 2006
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  25%     Max. Rel. Area : 150%
```

	Compound	Amount	Calc.	%Drift	Area%	Dev(min)	RT Window
1 S	O-TERPHENYL	60.000	60.162	-0.3	105	0.00	5.81- 5.97
2 H	TPH (C8-C40)	1020.000	1028.921	-0.9	106	0.00	2.38-11.85

(#) = Out of Range SPCC's out = 0 CCC's out = 0
OP60536.D FL_PROF2.M Wed May 03 13:02:58 2006

7.6.14

7

Southeast ACCUTEST LABORATORIES

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Percent Solids Raw Data Summary

Percent Solids Raw Data Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: F40230-1 **Analyzed:** 01-MAY-06 by CP **Method:** EPA 160.3 M
ClientID: JAX-PCA25-SB49-503

Wet Weight (Total)	8.71	g
Tare Weight	1.02	g
Dry Weight (Total)	8.02	g
Solids, Percent	91	%

Sample: F40230-2 **Analyzed:** 01-MAY-06 by CP **Method:** EPA 160.3 M
ClientID: JAX-PCA25-SB50-503

Wet Weight (Total)	9.81	g
Tare Weight	1.01	g
Dry Weight (Total)	8.86	g
Solids, Percent	89.2	%

Sample: F40230-3 **Analyzed:** 01-MAY-06 by CP **Method:** EPA 160.3 M
ClientID: JAX-PCA25-SB51-503

Wet Weight (Total)	8.81	g
Tare Weight	1.02	g
Dry Weight (Total)	7.93	g
Solids, Percent	88.7	%

Sample: F40230-4 **Analyzed:** 01-MAY-06 by CP **Method:** EPA 160.3 M
ClientID: JAX-PCA25-SB52-503

Wet Weight (Total)	9.35	g
Tare Weight	1.04	g
Dry Weight (Total)	7.94	g
Solids, Percent	83	%

Sample: F40230-5 **Analyzed:** 01-MAY-06 by CP **Method:** EPA 160.3 M
ClientID: JAX-PCA25-SB53-503

Wet Weight (Total)	8.48	g
Tare Weight	1.03	g
Dry Weight (Total)	7.83	g
Solids, Percent	91.3	%

Sample: F40230-6 **Analyzed:** 01-MAY-06 by CP **Method:** EPA 160.3 M
ClientID: JAX-PCA25-SB54-503

Wet Weight (Total)	9.3	g
Tare Weight	1.03	g
Dry Weight (Total)	8.49	g
Solids, Percent	90.2	%

Percent Solids Raw Data Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: F40230-7 **Analyzed:** 01-MAY-06 by CP **Method:** EPA 160.3 M
ClientID: JAX-PCA25-SB55-503

Wet Weight (Total)	9.39	g
Tare Weight	1.02	g
Dry Weight (Total)	7.96	g
Solids, Percent	82.9	%

Sample: F40230-8 **Analyzed:** 01-MAY-06 by CP **Method:** EPA 160.3 M
ClientID: JAX-PCA25-SB56-503

Wet Weight (Total)	8.84	g
Tare Weight	1	g
Dry Weight (Total)	7.51	g
Solids, Percent	83	%

Sample: F40230-9 **Analyzed:** 01-MAY-06 by CP **Method:** EPA 160.3 M
ClientID: JAX-PCA25-SB57-503

Wet Weight (Total)	9.08	g
Tare Weight	1.04	g
Dry Weight (Total)	8.51	g
Solids, Percent	92.9	%

Sample: F40230-10 **Analyzed:** 01-MAY-06 by CP **Method:** EPA 160.3 M
ClientID: JAX-PCA25-SB58-503

Wet Weight (Total)	8.37	g
Tare Weight	1.03	g
Dry Weight (Total)	7.78	g
Solids, Percent	92	%

Sample: F40230-11 **Analyzed:** 01-MAY-06 by CP **Method:** EPA 160.3 M
ClientID: JAX-PCA25-SB59-503

Wet Weight (Total)	9.26	g
Tare Weight	1.01	g
Dry Weight (Total)	8.19	g
Solids, Percent	87	%

Sample: F40230-12 **Analyzed:** 01-MAY-06 by CP **Method:** EPA 160.3 M
ClientID: JAX-PCA25-SB60-503

Wet Weight (Total)	8.53	g
Tare Weight	1.03	g
Dry Weight (Total)	7.82	g
Solids, Percent	90.5	%

Percent Solids Raw Data Summary

Job Number: F40230
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: F40230-13 **Analyzed:** 01-MAY-06 by CP **Method:** EPA 160.3 M
ClientID: JAX-PCA25-SB61-503

Wet Weight (Total)	8.26	g
Tare Weight	1.02	g
Dry Weight (Total)	7.59	g
Solids, Percent	90.7	%

Sample: F40230-14 **Analyzed:** 01-MAY-06 by CP **Method:** EPA 160.3 M
ClientID: JAX-PCA25-SB62-503

Wet Weight (Total)	9.97	g
Tare Weight	1.02	g
Dry Weight (Total)	9.15	g
Solids, Percent	90.8	%

Sample: F40230-15 **Analyzed:** 01-MAY-06 by CP **Method:** EPA 160.3 M
ClientID: JAX-PCA25-SB63-503

Wet Weight (Total)	8.92	g
Tare Weight	1.03	g
Dry Weight (Total)	8.3	g
Solids, Percent	92.1	%

Sample: F40230-16 **Analyzed:** 01-MAY-06 by CP **Method:** EPA 160.3 M
ClientID: JAX-PCA25-SB64-503

Wet Weight (Total)	8.5	g
Tare Weight	1.03	g
Dry Weight (Total)	7.36	g
Solids, Percent	84.7	%

Sample: F40230-17 **Analyzed:** 01-MAY-06 by CP **Method:** EPA 160.3 M
ClientID: JAX-PCA25-SB65-503

Wet Weight (Total)	8.68	g
Tare Weight	1.02	g
Dry Weight (Total)	8.3	g
Solids, Percent	95	%

AUGUST 2006

Environmental Conservation Laboratories, Inc.
4810 Executive Park Court, Suite 211
Jacksonville FL, 32216-6069
Phone: 904.296.3007 FAX: 904.296.6210
www.encolabs.com

Monday, September 25, 2006

Tetra Tech NUS (BR006)

Attn: Mr. Chuck Metz

8640 Philips Highway Suite 16

Jacksonville, FL 32256

RE: Project Number: 112GN0132, Project Name/Desc: PCA 25- NAS JAX
ENCO Workorder: B607287

Dear Mr. Chuck Metz,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Wednesday, August 30, 2006.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

This data has been produced in accordance with NELAC standards (June, 2003). This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Chris Tompkins
Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 44.

www.encolabs.com

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: JAX25-SB76-005 **Lab ID:** B607287-01

Sampled: 08/29/06 10:47 **Received:** 08/30/06 15:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	09/12/06		08/31/06 10:13	9/12/2006 15:25
EPA 8270C	09/12/06	10/13/06	09/03/06 12:09	9/6/2006 17:56
FLPRO	09/12/06	10/15/06	09/05/06 10:39	9/7/2006 06:42

Client ID: JAX25-SB75-003 **Lab ID:** B607287-02

Sampled: 08/29/06 14:15 **Received:** 08/30/06 15:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	09/12/06		08/31/06 10:13	9/12/2006 15:55
EPA 8270C	09/12/06	10/13/06	09/03/06 12:09	9/6/2006 18:13
FLPRO	09/12/06	10/15/06	09/05/06 10:39	9/7/2006 14:53

Client ID: JAX25-SB74-005 **Lab ID:** B607287-03

Sampled: 08/29/06 14:55 **Received:** 08/30/06 15:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	09/12/06		08/31/06 10:13	9/12/2006 16:24
EPA 8270C	09/12/06	10/13/06	09/03/06 12:09	9/6/2006 18:31
FLPRO	09/12/06	10/15/06	09/05/06 10:39	9/7/2006 04:27

Client ID: JAX25-SB73-005 **Lab ID:** B607287-04

Sampled: 08/29/06 15:28 **Received:** 08/30/06 15:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	09/12/06		08/31/06 10:13	9/12/2006 16:53
EPA 8270C	09/12/06	10/13/06	09/03/06 12:09	9/6/2006 19:05
FLPRO	09/12/06	10/15/06	09/05/06 10:39	9/7/2006 04:49

www.encolabs.com

Client ID: JAX25-SB77-005 **Lab ID:** B607287-05

Sampled: 08/30/06 09:34 **Received:** 08/30/06 15:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	09/13/06		08/31/06 10:13	9/12/2006 17:22
EPA 8270C	09/13/06	10/13/06	09/03/06 12:09	9/6/2006 19:23
FLPRO	09/13/06	10/15/06	09/05/06 10:39	9/7/2006 15:15

Client ID: JAX25-SB77-005 **Lab ID:** B607287-05RE1

Sampled: 08/30/06 09:34 **Received:** 08/30/06 15:30

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	09/13/06	08/31/06 10:43	9/13/2006 21:11

Client ID: JAX25-SB66-005 **Lab ID:** B607287-06

Sampled: 08/30/06 10:07 **Received:** 08/30/06 15:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	09/13/06		08/31/06 10:43	9/13/2006 20:41
EPA 8270C	09/13/06	10/13/06	09/03/06 12:09	9/6/2006 19:40
FLPRO	09/13/06	10/15/06	09/05/06 10:39	9/7/2006 01:50

Client ID: JAX25-SB67-005 **Lab ID:** B607287-07

Sampled: 08/30/06 10:55 **Received:** 08/30/06 15:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	09/13/06		08/31/06 10:13	9/12/2006 17:51
EPA 8270C	09/13/06	10/13/06	09/03/06 12:09	9/6/2006 19:58
FLPRO	09/13/06	10/15/06	09/05/06 10:39	9/7/2006 13:02

Client ID: JAX25-SB68-005 **Lab ID:** B607287-08

Sampled: 08/30/06 11:45 **Received:** 08/30/06 15:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	09/13/06		08/31/06 10:13	9/12/2006 18:21
EPA 8270C	09/13/06	10/13/06	09/03/06 12:09	9/6/2006 20:16
FLPRO	09/13/06	10/15/06	09/05/06 10:39	9/7/2006 03:42

www.encolabs.com

Client ID: JAX25-SB69-005 **Lab ID:** B607287-09

Sampled: 08/30/06 12:31 **Received:** 08/30/06 15:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	09/13/06		08/31/06 10:13	9/12/2006 18:50
EPA 8270C	09/13/06	10/13/06	09/03/06 12:09	9/6/2006 20:33
FLPRO	09/13/06	10/15/06	09/05/06 10:39	9/7/2006 13:24

Client ID: JAX25-SB71-005 **Lab ID:** B607287-10

Sampled: 08/30/06 13:00 **Received:** 08/30/06 15:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	09/13/06		08/31/06 10:13	9/12/2006 19:19
EPA 8270C	09/13/06	10/13/06	09/03/06 12:09	9/6/2006 20:51
FLPRO	09/13/06	10/15/06	09/05/06 10:39	9/7/2006 04:05

Client ID: JAX25-SB72-005 **Lab ID:** B607287-11

Sampled: 08/30/06 13:39 **Received:** 08/30/06 15:30

Parameter	Hold Date/Time(s)		Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	09/13/06		08/31/06 10:13	9/12/2006 19:48
EPA 8270C	09/13/06	10/13/06	09/03/06 12:09	9/6/2006 21:08
FLPRO	09/13/06	10/15/06	09/05/06 10:39	9/7/2006 06:19

SAMPLE DETECTION SUMMARY

Client ID: JAX25-SB76-005 **Lab ID:** B607287-01

Analyte	Results/Qual		MRL	Units	Method
Toluene	0.0003	I	0.0013	mg/kg dry	EPA 8260B
TPH (C8-C40)	8.41	I	8.68	mg/kg dry	FLPRO

Client ID: JAX25-SB75-003 **Lab ID:** B607287-02

Analyte	Results/Qual		MRL	Units	Method
Benzo(a)anthracene	0.0370	I	0.0458	mg/kg dry	EPA 8270C
Benzo(a)pyrene	0.0231	I	0.0458	mg/kg dry	EPA 8270C
Benzo(b)fluoranthene	0.134		0.0458	mg/kg dry	EPA 8270C
Benzo(g,h,i)perylene	0.0278	I	0.0458	mg/kg dry	EPA 8270C
Chrysene	0.0278	I	0.0458	mg/kg dry	EPA 8270C
Fluoranthene	0.0509		0.0458	mg/kg dry	EPA 8270C
m,p-Xylenes	0.0004	I	0.0028	mg/kg dry	EPA 8260B
Pyrene	0.0370	I	0.0458	mg/kg dry	EPA 8270C
Toluene	0.0005	I	0.0014	mg/kg dry	EPA 8260B
TPH (C8-C40)	27.5		9.17	mg/kg dry	FLPRO

Client ID: JAX25-SB73-005 **Lab ID:** B607287-04

Analyte	Results/Qual		MRL	Units	Method
m,p-Xylenes	0.0005	I	0.0028	mg/kg dry	EPA 8260B
Toluene	0.0003	I	0.0014	mg/kg dry	EPA 8260B

Client ID: JAX25-SB77-005 **Lab ID:** B607287-05

Analyte	Results/Qual		MRL	Units	Method
Ethylbenzene	0.252	A-01a, FL_I	0.0012	mg/kg dry	EPA 8260B
m,p-Xylenes	0.528	A-01a, FL_I	0.0025	mg/kg dry	EPA 8260B
o-Xylene	0.0020		0.0012	mg/kg dry	EPA 8260B
TPH (C8-C40)	40.6		9.43	mg/kg dry	FLPRO

Client ID: JAX25-SB66-005 **Lab ID:** B607287-06

Analyte	Results/Qual		MRL	Units	Method
Benzo(a)anthracene	0.299		0.0429	mg/kg dry	EPA 8270C
Benzo(a)pyrene	0.255		0.0429	mg/kg dry	EPA 8270C
Benzo(b)fluoranthene	0.377		0.0429	mg/kg dry	EPA 8270C
Benzo(g,h,i)perylene	0.173		0.0429	mg/kg dry	EPA 8270C
Benzo(k)fluoranthene	0.143		0.0429	mg/kg dry	EPA 8270C
Chrysene	0.476		0.0429	mg/kg dry	EPA 8270C
Ethylbenzene	0.0219	I, D,R-05	0.109	mg/kg dry	EPA 8260B
Fluoranthene	0.403		0.0429	mg/kg dry	EPA 8270C
Indeno(1,2,3-cd)pyrene	0.113		0.0429	mg/kg dry	EPA 8270C
Phenanthrene	0.0779		0.0429	mg/kg dry	EPA 8270C
Pyrene	0.571		0.0429	mg/kg dry	EPA 8270C
TPH (C8-C40)	1680	D	429	mg/kg dry	FLPRO

Client ID: JAX25-SB67-005 **Lab ID:** B607287-07

Analyte	Results/Qual	MRL	Units	Method
Ethylbenzene	0.0003 I	0.0010	mg/kg dry	EPA 8260B
m,p-Xylenes	0.0008 I	0.0020	mg/kg dry	EPA 8260B
Toluene	0.0003 I	0.0010	mg/kg dry	EPA 8260B
TPH (C8-C40)	17.6	8.68	mg/kg dry	FLPRO

Client ID: JAX25-SB68-005 **Lab ID:** B607287-08

Analyte	Results/Qual	MRL	Units	Method
1-Methylnaphthalene	0.0360 I	0.0446	mg/kg dry	EPA 8270C
2-Methylnaphthalene	0.0405 I	0.0446	mg/kg dry	EPA 8270C
Ethylbenzene	0.0003 I	0.0014	mg/kg dry	EPA 8260B

Client ID: JAX25-SB69-005 **Lab ID:** B607287-09

Analyte	Results/Qual	MRL	Units	Method
Benzo(a)anthracene	0.259	0.0434	mg/kg dry	EPA 8270C
Benzo(a)pyrene	0.237	0.0434	mg/kg dry	EPA 8270C
Benzo(b)fluoranthene	0.346	0.0434	mg/kg dry	EPA 8270C
Benzo(g,h,i)perylene	0.132	0.0434	mg/kg dry	EPA 8270C
Benzo(k)fluoranthene	0.127	0.0434	mg/kg dry	EPA 8270C
Chrysene	0.246	0.0434	mg/kg dry	EPA 8270C
Dibenzo(a,h)anthracene	0.0965	0.0434	mg/kg dry	EPA 8270C
Fluoranthene	0.259	0.0434	mg/kg dry	EPA 8270C
Indeno(1,2,3-cd)pyrene	0.101	0.0434	mg/kg dry	EPA 8270C
m,p-Xylenes	0.0004 I	0.0026	mg/kg dry	EPA 8260B
Phenanthrene	0.0351 I	0.0434	mg/kg dry	EPA 8270C
Pyrene	0.338	0.0434	mg/kg dry	EPA 8270C
Toluene	0.0004 I	0.0013	mg/kg dry	EPA 8260B
TPH (C8-C40)	88.9	8.68	mg/kg dry	FLPRO

Client ID: JAX25-SB71-005 **Lab ID:** B607287-10

Analyte	Results/Qual	MRL	Units	Method
Toluene	0.0003 I	0.0013	mg/kg dry	EPA 8260B

Client ID: JAX25-SB72-005 **Lab ID:** B607287-11

Analyte	Results/Qual	MRL	Units	Method
TPH (C8-C40)	12.2	7.67	mg/kg dry	FLPRO

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB76-005	Project:	PCA 25- NAS JAX
Lab #:	B607287-01	Work Order #:	B607287
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	09/12/06 By: ds	Unit:	mg/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:	BA00045	Percent Solids:	76.00
QC Batch:	6I14002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Benzene	71-43-2	0.0001 U	0.0001	0.0013	mg/kg dry
Ethylbenzene	100-41-4	0.0003 U	0.0003	0.0013	mg/kg dry
m,p-Xylenes	108-38-3/106-42-3	0.0004 U	0.0004	0.0026	mg/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.0001 U	0.0001	0.0013	mg/kg dry
o-Xylene	95-47-6	0.0001 U	0.0001	0.0013	mg/kg dry
Toluene	108-88-3	**0.0003** I	0.0003	0.0013	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	48.8	50.0	98 %	60-130
Dibromofluoromethane	1868-53-7	54.8	50.0	110 %	66-131
Toluene-d8	2037-26-5	49.3	50.0	99 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB76-005	Project:	PCA 25- NAS JAX
Lab #:	B607287-01	Work Order #:	B607287
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	09/06/06 By: jbh	Unit:	mg/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:	BA00042	Percent Solids:	76.00
QC Batch:	6I03004		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	0.0139 U	0.0139	0.0434	mg/kg dry
2-Methylnaphthalene	91-57-6	0.0130 U	0.0130	0.0434	mg/kg dry
Acenaphthene	83-32-9	0.00955 U	0.00955	0.0434	mg/kg dry
Acenaphthylene	208-96-8	0.0139 U	0.0139	0.0434	mg/kg dry
Anthracene	120-12-7	0.00908 U	0.00908	0.0434	mg/kg dry
Benzo(a)anthracene	56-55-3	0.00908 U	0.00908	0.0434	mg/kg dry
Benzo(a)pyrene	50-32-8	0.00908 U	0.00908	0.0434	mg/kg dry
Benzo(b)fluoranthene	205-99-2	0.00701 U	0.00701	0.0434	mg/kg dry
Benzo(g,h,i)perylene	191-24-2	0.0134 U	0.0134	0.0434	mg/kg dry
Benzo(k)fluoranthene	207-08-9	0.00908 U	0.00908	0.0434	mg/kg dry
Chrysene	218-01-9	0.00961 U	0.00961	0.0434	mg/kg dry
Dibenzo(a,h)anthracene	53-70-3	0.0147 U	0.0147	0.0434	mg/kg dry
Fluoranthene	206-44-0	0.0117 U	0.0117	0.0434	mg/kg dry
Fluorene	86-73-7	0.00829 U	0.00829	0.0434	mg/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	0.0153 U	0.0153	0.0434	mg/kg dry
Naphthalene	91-20-3	0.0161 U	0.0161	0.0434	mg/kg dry
Phenanthrene	85-01-8	0.00908 U	0.00908	0.0434	mg/kg dry
Pyrene	129-00-0	0.0117 U	0.0117	0.0434	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	2.32	2.19	106 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB76-005	Project:	PCA 25- NAS JAX
Lab #:	B607287-01	Work Order #:	B607287
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	09/07/06 By: jbh	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	1
Anal. Batch:	BA00048	Percent Solids:	76.00
QC Batch:	6I05002		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
TPH (C8-C40)	NA	**8.41** I	7.37	8.68	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	3.83	4.39	87 %	29-145
o-Terphenyl	84-15-1	1.82	2.19	83 %	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB75-003	Project:	PCA 25- NAS JAX
Lab #:	B607287-02	Work Order #:	B607287
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	09/12/06 By: ds	Unit:	mg/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:	BA00045	Percent Solids:	72.00
QC Batch:	6I14002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Benzene	71-43-2	0.0001 U	0.0001	0.0014	mg/kg dry
Ethylbenzene	100-41-4	0.0003 U	0.0003	0.0014	mg/kg dry
m,p-Xylenes	108-38-3/106-42-3	**0.0004** I	0.0004	0.0028	mg/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.0001 U	0.0001	0.0014	mg/kg dry
o-Xylene	95-47-6	0.0001 U	0.0001	0.0014	mg/kg dry
Toluene	108-88-3	**0.0005** I	0.0003	0.0014	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	46.0	50.0	92 %	60-130
Dibromofluoromethane	1868-53-7	56.1	50.0	112 %	66-131
Toluene-d8	2037-26-5	49.8	50.0	100 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB75-003	Project:	PCA 25- NAS JAX
Lab #:	B607287-02	Work Order #:	B607287
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	09/06/06 By: jbh	Unit:	mg/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:	BA00042	Percent Solids:	72.00
QC Batch:	6I03004		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	0.0147 U	0.0147	0.0458	mg/kg dry
2-Methylnaphthalene	91-57-6	0.0138 U	0.0138	0.0458	mg/kg dry
Acenaphthene	83-32-9	0.0101 U	0.0101	0.0458	mg/kg dry
Acenaphthylene	208-96-8	0.0147 U	0.0147	0.0458	mg/kg dry
Anthracene	120-12-7	0.00958 U	0.00958	0.0458	mg/kg dry
Benzo(a)anthracene	56-55-3	**0.0370** I	0.00958	0.0458	mg/kg dry
Benzo(a)pyrene	50-32-8	**0.0231** I	0.00958	0.0458	mg/kg dry
Benzo(b)fluoranthene	205-99-2	**0.134**	0.00740	0.0458	mg/kg dry
Benzo(g,h,i)perylene	191-24-2	**0.0278** I	0.0142	0.0458	mg/kg dry
Benzo(k)fluoranthene	207-08-9	0.00958 U	0.00958	0.0458	mg/kg dry
Chrysene	218-01-9	**0.0278** I	0.0101	0.0458	mg/kg dry
Dibenzo(a,h)anthracene	53-70-3	0.0156 U	0.0156	0.0458	mg/kg dry
Fluoranthene	206-44-0	**0.0509**	0.0124	0.0458	mg/kg dry
Fluorene	86-73-7	0.00875 U	0.00875	0.0458	mg/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	0.0161 U	0.0161	0.0458	mg/kg dry
Naphthalene	91-20-3	0.0169 U	0.0169	0.0458	mg/kg dry
Phenanthrene	85-01-8	0.00958 U	0.00958	0.0458	mg/kg dry
Pyrene	129-00-0	**0.0370** I	0.0124	0.0458	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	2.29	2.31	99 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB75-003	Project:	PCA 25- NAS JAX
Lab #:	B607287-02	Work Order #:	B607287
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	09/07/06 By: jbh	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	1
Anal. Batch:	BA00048	Percent Solids:	72.00
QC Batch:	6I05002		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
TPH (C8-C40)	NA	**27.5**	7.78	9.17	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	4.74	4.63	102 %	29-145
o-Terphenyl	84-15-1	2.19	2.31	94 %	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB74-005	Project:	PCA 25- NAS JAX
Lab #:	B607287-03	Work Order #:	B607287
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	09/12/06 By: ds	Unit:	mg/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:	BA00045	Percent Solids:	74.00
QC Batch:	6I14002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Benzene	71-43-2	0.0001 U	0.0001	0.0014	mg/kg dry
Ethylbenzene	100-41-4	0.0003 U	0.0003	0.0014	mg/kg dry
m,p-Xylenes	108-38-3/106-42-3	0.0004 U	0.0004	0.0027	mg/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.0001 U	0.0001	0.0014	mg/kg dry
o-Xylene	95-47-6	0.0001 U	0.0001	0.0014	mg/kg dry
Toluene	108-88-3	0.0003 U	0.0003	0.0014	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	49.8	50.0	100 %	60-130
Dibromofluoromethane	1868-53-7	54.0	50.0	108 %	66-131
Toluene-d8	2037-26-5	50.1	50.0	100 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB74-005	Project:	PCA 25- NAS JAX
Lab #:	B607287-03	Work Order #:	B607287
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	09/06/06 By: jbh	Unit:	mg/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:	BA00042	Percent Solids:	74.00
QC Batch:	6I03004		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	0.0143 U	0.0143	0.0446	mg/kg dry
2-Methylnaphthalene	91-57-6	0.0134 U	0.0134	0.0446	mg/kg dry
Acenaphthene	83-32-9	0.00981 U	0.00981	0.0446	mg/kg dry
Acenaphthylene	208-96-8	0.0143 U	0.0143	0.0446	mg/kg dry
Anthracene	120-12-7	0.00932 U	0.00932	0.0446	mg/kg dry
Benzo(a)anthracene	56-55-3	0.00932 U	0.00932	0.0446	mg/kg dry
Benzo(a)pyrene	50-32-8	0.00932 U	0.00932	0.0446	mg/kg dry
Benzo(b)fluoranthene	205-99-2	0.00720 U	0.00720	0.0446	mg/kg dry
Benzo(g,h,i)perylene	191-24-2	0.0138 U	0.0138	0.0446	mg/kg dry
Benzo(k)fluoranthene	207-08-9	0.00932 U	0.00932	0.0446	mg/kg dry
Chrysene	218-01-9	0.00986 U	0.00986	0.0446	mg/kg dry
Dibenzo(a,h)anthracene	53-70-3	0.0151 U	0.0151	0.0446	mg/kg dry
Fluoranthene	206-44-0	0.0120 U	0.0120	0.0446	mg/kg dry
Fluorene	86-73-7	0.00851 U	0.00851	0.0446	mg/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	0.0157 U	0.0157	0.0446	mg/kg dry
Naphthalene	91-20-3	0.0165 U	0.0165	0.0446	mg/kg dry
Phenanthrene	85-01-8	0.00932 U	0.00932	0.0446	mg/kg dry
Pyrene	129-00-0	0.0120 U	0.0120	0.0446	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	2.25	2.25	100 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB74-005	Project:	PCA 25- NAS JAX
Lab #:	B607287-03	Work Order #:	B607287
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	09/07/06 By: jbh	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	1
Anal. Batch:	BA00048	Percent Solids:	74.00
QC Batch:	6I05002		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
TPH (C8-C40)	NA	7.57 U	7.57	8.92	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	4.23	4.50	94 %	29-145
o-Terphenyl	84-15-1	1.90	2.25	84 %	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB73-005	Project:	PCA 25- NAS JAX
Lab #:	B607287-04	Work Order #:	B607287
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	09/12/06 By: ds	Unit:	mg/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:	BA00045	Percent Solids:	72.00
QC Batch:	6I14002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Benzene	71-43-2	0.0001 U	0.0001	0.0014	mg/kg dry
Ethylbenzene	100-41-4	0.0003 U	0.0003	0.0014	mg/kg dry
m,p-Xylenes	108-38-3/106-42-3	**0.0005** I	0.0004	0.0028	mg/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.0001 U	0.0001	0.0014	mg/kg dry
o-Xylene	95-47-6	0.0001 U	0.0001	0.0014	mg/kg dry
Toluene	108-88-3	**0.0003** I	0.0003	0.0014	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	46.6	50.0	93 %	60-130
Dibromofluoromethane	1868-53-7	56.1	50.0	112 %	66-131
Toluene-d8	2037-26-5	50.7	50.0	101 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB73-005	Project:	PCA 25- NAS JAX
Lab #:	B607287-04	Work Order #:	B607287
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	09/06/06 By: jbh	Unit:	mg/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:	BA00042	Percent Solids:	72.00
QC Batch:	6I03004		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	0.0147 U	0.0147	0.0458	mg/kg dry
2-Methylnaphthalene	91-57-6	0.0138 U	0.0138	0.0458	mg/kg dry
Acenaphthene	83-32-9	0.0101 U	0.0101	0.0458	mg/kg dry
Acenaphthylene	208-96-8	0.0147 U	0.0147	0.0458	mg/kg dry
Anthracene	120-12-7	0.00958 U	0.00958	0.0458	mg/kg dry
Benzo(a)anthracene	56-55-3	0.00958 U	0.00958	0.0458	mg/kg dry
Benzo(a)pyrene	50-32-8	0.00958 U	0.00958	0.0458	mg/kg dry
Benzo(b)fluoranthene	205-99-2	0.00740 U	0.00740	0.0458	mg/kg dry
Benzo(g,h,i)perylene	191-24-2	0.0142 U	0.0142	0.0458	mg/kg dry
Benzo(k)fluoranthene	207-08-9	0.00958 U	0.00958	0.0458	mg/kg dry
Chrysene	218-01-9	0.0101 U	0.0101	0.0458	mg/kg dry
Dibenzo(a,h)anthracene	53-70-3	0.0156 U	0.0156	0.0458	mg/kg dry
Fluoranthene	206-44-0	0.0124 U	0.0124	0.0458	mg/kg dry
Fluorene	86-73-7	0.00875 U	0.00875	0.0458	mg/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	0.0161 U	0.0161	0.0458	mg/kg dry
Naphthalene	91-20-3	0.0169 U	0.0169	0.0458	mg/kg dry
Phenanthrene	85-01-8	0.00958 U	0.00958	0.0458	mg/kg dry
Pyrene	129-00-0	0.0124 U	0.0124	0.0458	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	2.23	2.31	96 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB73-005	Project:	PCA 25- NAS JAX
Lab #:	B607287-04	Work Order #:	B607287
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	09/07/06 By: jbh	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	1
Anal. Batch:	BA00048	Percent Solids:	72.00
QC Batch:	6I05002		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
TPH (C8-C40)	NA	7.78 U	7.78	9.17	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	6.01	4.63	130 %	29-145
o-Terphenyl	84-15-1	2.96	2.31	128 %	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB77-005	Project:	PCA 25- NAS JAX
Lab #:	B607287-05	Work Order #:	B607287
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	09/12/06 By: ds	Unit:	mg/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:	BA00045	Percent Solids:	70.00
QC Batch:	6I14002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Benzene	71-43-2	0.0001 U	0.0001	0.0012	mg/kg dry
Ethylbenzene	100-41-4	**0.252** A-01a, FL_L, E	0.0002	0.0012	mg/kg dry
m,p-Xylenes	108-38-3/106-42-3	**0.528** A-01a, FL_L, E	0.0004	0.0025	mg/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.0001 U	0.0001	0.0012	mg/kg dry
o-Xylene	95-47-6	**0.0020**	0.0001	0.0012	mg/kg dry
Toluene	108-88-3	0.0002 U	0.0002	0.0012	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	64.7	50.0	129 %	60-130
Dibromofluoromethane	1868-53-7	52.9	50.0	106 %	66-131
Toluene-d8	2037-26-5	55.9	50.0	112 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB77-005	Project:	PCA 25- NAS JAX
Lab #:	B607287-05	Work Order #:	B607287
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	09/06/06 By: jbh	Unit:	mg/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:	BA00042	Percent Solids:	70.00
QC Batch:	6I03004		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	0.0151 U	0.0151	0.0471	mg/kg dry
2-Methylnaphthalene	91-57-6	0.0141 U	0.0141	0.0471	mg/kg dry
Acenaphthene	83-32-9	0.0104 U	0.0104	0.0471	mg/kg dry
Acenaphthylene	208-96-8	0.0151 U	0.0151	0.0471	mg/kg dry
Anthracene	120-12-7	0.00986 U	0.00986	0.0471	mg/kg dry
Benzo(a)anthracene	56-55-3	0.00986 U	0.00986	0.0471	mg/kg dry
Benzo(a)pyrene	50-32-8	0.00986 U	0.00986	0.0471	mg/kg dry
Benzo(b)fluoranthene	205-99-2	0.00761 U	0.00761	0.0471	mg/kg dry
Benzo(g,h,i)perylene	191-24-2	0.0146 U	0.0146	0.0471	mg/kg dry
Benzo(k)fluoranthene	207-08-9	0.00986 U	0.00986	0.0471	mg/kg dry
Chrysene	218-01-9	0.0104 U	0.0104	0.0471	mg/kg dry
Dibenzo(a,h)anthracene	53-70-3	0.0160 U	0.0160	0.0471	mg/kg dry
Fluoranthene	206-44-0	0.0127 U	0.0127	0.0471	mg/kg dry
Fluorene	86-73-7	0.00900 U	0.00900	0.0471	mg/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	0.0166 U	0.0166	0.0471	mg/kg dry
Naphthalene	91-20-3	0.0174 U	0.0174	0.0471	mg/kg dry
Phenanthrene	85-01-8	0.00986 U	0.00986	0.0471	mg/kg dry
Pyrene	129-00-0	0.0127 U	0.0127	0.0471	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	2.27	2.38	95 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB77-005	Project:	PCA 25- NAS JAX
Lab #:	B607287-05	Work Order #:	B607287
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	09/07/06 By: jbh	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	1
Anal. Batch:	BA00048	Percent Solids:	70.00
QC Batch:	6I05002		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
TPH (C8-C40)	NA	**40.6**	8.00	9.43	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	5.16	4.76	108 %	29-145
o-Terphenyl	84-15-1	2.38	2.38	100 %	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB77-005	Project:	PCA 25- NAS JAX
Lab #:	B607287-05RE1	Work Order #:	B607287
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	09/13/06 By: ds	Unit:	mg/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	100
Anal. Batch:	BA00047	Percent Solids:	70.00
QC Batch:	6I14003		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Benzene	71-43-2	0.0143 U, D,A-01	0.0143	0.143	mg/kg dry
Ethylbenzene	100-41-4	0.0286 U, D,A-01	0.0286	0.143	mg/kg dry
m,p-Xylenes	108-38-3/106-42-3	0.0429 U, D,A-01	0.0429	0.286	mg/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.0143 U, D,A-01	0.0143	0.143	mg/kg dry
o-Xylene	95-47-6	0.0143 U, D,A-01	0.0143	0.143	mg/kg dry
Toluene	108-88-3	0.0286 U, D,A-01	0.0286	0.143	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	44.2	50.0	88 %	60-130
Dibromofluoromethane	1868-53-7	41.5	50.0	83 %	66-131
Toluene-d8	2037-26-5	48.7	50.0	97 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB66-005	Project:	PCA 25- NAS JAX
Lab #:	B607287-06	Work Order #:	B607287
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	09/13/06 By: ds	Unit:	mg/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	100
Anal. Batch:	BA00047	Percent Solids:	77.00
QC Batch:	6I14003		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Benzene	71-43-2	0.0109 U, D,R-05	0.0109	0.109	mg/kg dry
Ethylbenzene	100-41-4	**0.0219** I, D,R-05	0.0219	0.109	mg/kg dry
m,p-Xylenes	108-38-3/106-42-3	0.0328 U, D,R-05	0.0328	0.219	mg/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.0109 U, D,R-05	0.0109	0.109	mg/kg dry
o-Xylene	95-47-6	0.0109 U, D,R-05	0.0109	0.109	mg/kg dry
Toluene	108-88-3	0.0219 U, D,R-05	0.0219	0.109	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	48.0	50.0	96 %	60-130
Dibromofluoromethane	1868-53-7	44.0	50.0	88 %	66-131
Toluene-d8	2037-26-5	49.5	50.0	99 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB66-005	Project:	PCA 25- NAS JAX
Lab #:	B607287-06	Work Order #:	B607287
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	09/06/06 By: jbh	Unit:	mg/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:	BA00042	Percent Solids:	77.00
QC Batch:	6I03004		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	0.0138 U	0.0138	0.0429	mg/kg dry
2-Methylnaphthalene	91-57-6	0.0129 U	0.0129	0.0429	mg/kg dry
Acenaphthene	83-32-9	0.00943 U	0.00943	0.0429	mg/kg dry
Acenaphthylene	208-96-8	0.0138 U	0.0138	0.0429	mg/kg dry
Anthracene	120-12-7	0.00896 U	0.00896	0.0429	mg/kg dry
Benzo(a)anthracene	56-55-3	**0.299**	0.00896	0.0429	mg/kg dry
Benzo(a)pyrene	50-32-8	**0.255**	0.00896	0.0429	mg/kg dry
Benzo(b)fluoranthene	205-99-2	**0.377**	0.00692	0.0429	mg/kg dry
Benzo(g,h,i)perylene	191-24-2	**0.173**	0.0132	0.0429	mg/kg dry
Benzo(k)fluoranthene	207-08-9	**0.143**	0.00896	0.0429	mg/kg dry
Chrysene	218-01-9	**0.476**	0.00948	0.0429	mg/kg dry
Dibenzo(a,h)anthracene	53-70-3	0.0145 U	0.0145	0.0429	mg/kg dry
Fluoranthene	206-44-0	**0.403**	0.0116	0.0429	mg/kg dry
Fluorene	86-73-7	0.00818 U	0.00818	0.0429	mg/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	**0.113**	0.0151	0.0429	mg/kg dry
Naphthalene	91-20-3	0.0158 U	0.0158	0.0429	mg/kg dry
Phenanthrene	85-01-8	**0.0779**	0.00896	0.0429	mg/kg dry
Pyrene	129-00-0	**0.571**	0.0116	0.0429	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	2.51	2.16	116 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB66-005	Project:	PCA 25- NAS JAX
Lab #:	B607287-06	Work Order #:	B607287
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	09/07/06 By: jbh	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	10
Anal. Batch:	BA00048	Percent Solids:	77.00
QC Batch:	6I05002		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
TPH (C8-C40)	NA	**1680** D	364	429	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	4.10	4.33	95 %	29-145
o-Terphenyl	84-15-1	1.96	2.16	91 %	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB67-005	Project:	PCA 25- NAS JAX
Lab #:	B607287-07	Work Order #:	B607287
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	09/12/06 By: ds	Unit:	mg/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:	BA00045	Percent Solids:	76.00
QC Batch:	6I14002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Benzene	71-43-2	0.0001 U	0.0001	0.0010	mg/kg dry
Ethylbenzene	100-41-4	**0.0003** I	0.0002	0.0010	mg/kg dry
m,p-Xylenes	108-38-3/106-42-3	**0.0008** I	0.0003	0.0020	mg/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.0001 U	0.0001	0.0010	mg/kg dry
o-Xylene	95-47-6	0.0001 U	0.0001	0.0010	mg/kg dry
Toluene	108-88-3	**0.0003** I	0.0002	0.0010	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	45.0	50.0	90 %	60-130
Dibromofluoromethane	1868-53-7	46.4	50.0	93 %	66-131
Toluene-d8	2037-26-5	49.9	50.0	100 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB67-005	Project:	PCA 25- NAS JAX
Lab #:	B607287-07	Work Order #:	B607287
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	09/06/06 By: jbh	Unit:	mg/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:	BA00042	Percent Solids:	76.00
QC Batch:	6I03004		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	0.0139 U	0.0139	0.0434	mg/kg dry
2-Methylnaphthalene	91-57-6	0.0130 U	0.0130	0.0434	mg/kg dry
Acenaphthene	83-32-9	0.00955 U	0.00955	0.0434	mg/kg dry
Acenaphthylene	208-96-8	0.0139 U	0.0139	0.0434	mg/kg dry
Anthracene	120-12-7	0.00908 U	0.00908	0.0434	mg/kg dry
Benzo(a)anthracene	56-55-3	0.00908 U	0.00908	0.0434	mg/kg dry
Benzo(a)pyrene	50-32-8	0.00908 U	0.00908	0.0434	mg/kg dry
Benzo(b)fluoranthene	205-99-2	0.00701 U	0.00701	0.0434	mg/kg dry
Benzo(g,h,i)perylene	191-24-2	0.0134 U	0.0134	0.0434	mg/kg dry
Benzo(k)fluoranthene	207-08-9	0.00908 U	0.00908	0.0434	mg/kg dry
Chrysene	218-01-9	0.00961 U	0.00961	0.0434	mg/kg dry
Dibenzo(a,h)anthracene	53-70-3	0.0147 U	0.0147	0.0434	mg/kg dry
Fluoranthene	206-44-0	0.0117 U	0.0117	0.0434	mg/kg dry
Fluorene	86-73-7	0.00829 U	0.00829	0.0434	mg/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	0.0153 U	0.0153	0.0434	mg/kg dry
Naphthalene	91-20-3	0.0161 U	0.0161	0.0434	mg/kg dry
Phenanthrene	85-01-8	0.00908 U	0.00908	0.0434	mg/kg dry
Pyrene	129-00-0	0.0117 U	0.0117	0.0434	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	2.01	2.19	92 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB67-005	Project:	PCA 25- NAS JAX
Lab #:	B607287-07	Work Order #:	B607287
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	09/07/06 By: jbh	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	1
Anal. Batch:	BA00048	Percent Solids:	76.00
QC Batch:	6I05002		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
TPH (C8-C40)	NA	**17.6**	7.37	8.68	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	4.34	4.39	99 %	29-145
o-Terphenyl	84-15-1	1.84	2.19	84 %	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB68-005	Project:	PCA 25- NAS JAX
Lab #:	B607287-08	Work Order #:	B607287
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	09/12/06 By: ds	Unit:	mg/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:	BA00045	Percent Solids:	74.00
QC Batch:	6I14002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Benzene	71-43-2	0.0001 U	0.0001	0.0014	mg/kg dry
Ethylbenzene	100-41-4	**0.0003** I	0.0003	0.0014	mg/kg dry
m,p-Xylenes	108-38-3/106-42-3	0.0004 U	0.0004	0.0027	mg/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.0001 U	0.0001	0.0014	mg/kg dry
o-Xylene	95-47-6	0.0001 U	0.0001	0.0014	mg/kg dry
Toluene	108-88-3	0.0003 U	0.0003	0.0014	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	47.7	50.0	95 %	60-130
Dibromofluoromethane	1868-53-7	47.6	50.0	95 %	66-131
Toluene-d8	2037-26-5	50.0	50.0	100 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB68-005	Project:	PCA 25- NAS JAX
Lab #:	B607287-08	Work Order #:	B607287
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	09/06/06 By: jbh	Unit:	mg/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:	BA00042	Percent Solids:	74.00
QC Batch:	6I03004		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	**0.0360** I	0.0143	0.0446	mg/kg dry
2-Methylnaphthalene	91-57-6	**0.0405** I	0.0134	0.0446	mg/kg dry
Acenaphthene	83-32-9	0.00981 U	0.00981	0.0446	mg/kg dry
Acenaphthylene	208-96-8	0.0143 U	0.0143	0.0446	mg/kg dry
Anthracene	120-12-7	0.00932 U	0.00932	0.0446	mg/kg dry
Benzo(a)anthracene	56-55-3	0.00932 U	0.00932	0.0446	mg/kg dry
Benzo(a)pyrene	50-32-8	0.00932 U	0.00932	0.0446	mg/kg dry
Benzo(b)fluoranthene	205-99-2	0.00720 U	0.00720	0.0446	mg/kg dry
Benzo(g,h,i)perylene	191-24-2	0.0138 U	0.0138	0.0446	mg/kg dry
Benzo(k)fluoranthene	207-08-9	0.00932 U	0.00932	0.0446	mg/kg dry
Chrysene	218-01-9	0.00986 U	0.00986	0.0446	mg/kg dry
Dibenzo(a,h)anthracene	53-70-3	0.0151 U	0.0151	0.0446	mg/kg dry
Fluoranthene	206-44-0	0.0120 U	0.0120	0.0446	mg/kg dry
Fluorene	86-73-7	0.00851 U	0.00851	0.0446	mg/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	0.0157 U	0.0157	0.0446	mg/kg dry
Naphthalene	91-20-3	0.0165 U	0.0165	0.0446	mg/kg dry
Phenanthrene	85-01-8	0.00932 U	0.00932	0.0446	mg/kg dry
Pyrene	129-00-0	0.0120 U	0.0120	0.0446	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	2.01	2.25	89 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB68-005	Project:	PCA 25- NAS JAX
Lab #:	B607287-08	Work Order #:	B607287
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	09/07/06 By: jbh	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	1
Anal. Batch:	BA00048	Percent Solids:	74.00
QC Batch:	6I05002		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
TPH (C8-C40)	NA	7.57 U	7.57	8.92	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	5.94	4.50	132 %	29-145
o-Terphenyl	84-15-1	2.33	2.25	103 %	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB69-005	Project:	PCA 25- NAS JAX
Lab #:	B607287-09	Work Order #:	B607287
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	09/12/06 By: ds	Unit:	mg/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:	BA00045	Percent Solids:	76.00
QC Batch:	6I14002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Benzene	71-43-2	0.0001 U	0.0001	0.0013	mg/kg dry
Ethylbenzene	100-41-4	0.0003 U	0.0003	0.0013	mg/kg dry
m,p-Xylenes	108-38-3/106-42-3	**0.0004** I	0.0004	0.0026	mg/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.0001 U	0.0001	0.0013	mg/kg dry
o-Xylene	95-47-6	0.0001 U	0.0001	0.0013	mg/kg dry
Toluene	108-88-3	**0.0004** I	0.0003	0.0013	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	43.3	50.0	87 %	60-130
Dibromofluoromethane	1868-53-7	48.5	50.0	97 %	66-131
Toluene-d8	2037-26-5	48.4	50.0	97 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB69-005	Project:	PCA 25- NAS JAX
Lab #:	B607287-09	Work Order #:	B607287
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	09/06/06 By: jbh	Unit:	mg/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:	BA00042	Percent Solids:	76.00
QC Batch:	6I03004		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	0.0139 U	0.0139	0.0434	mg/kg dry
2-Methylnaphthalene	91-57-6	0.0130 U	0.0130	0.0434	mg/kg dry
Acenaphthene	83-32-9	0.00955 U	0.00955	0.0434	mg/kg dry
Acenaphthylene	208-96-8	0.0139 U	0.0139	0.0434	mg/kg dry
Anthracene	120-12-7	0.00908 U	0.00908	0.0434	mg/kg dry
Benzo(a)anthracene	56-55-3	**0.259**	0.00908	0.0434	mg/kg dry
Benzo(a)pyrene	50-32-8	**0.237**	0.00908	0.0434	mg/kg dry
Benzo(b)fluoranthene	205-99-2	**0.346**	0.00701	0.0434	mg/kg dry
Benzo(g,h,i)perylene	191-24-2	**0.132**	0.0134	0.0434	mg/kg dry
Benzo(k)fluoranthene	207-08-9	**0.127**	0.00908	0.0434	mg/kg dry
Chrysene	218-01-9	**0.246**	0.00961	0.0434	mg/kg dry
Dibenzo(a,h)anthracene	53-70-3	**0.0965**	0.0147	0.0434	mg/kg dry
Fluoranthene	206-44-0	**0.259**	0.0117	0.0434	mg/kg dry
Fluorene	86-73-7	0.00829 U	0.00829	0.0434	mg/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	**0.101**	0.0153	0.0434	mg/kg dry
Naphthalene	91-20-3	0.0161 U	0.0161	0.0434	mg/kg dry
Phenanthrene	85-01-8	**0.0351** I	0.00908	0.0434	mg/kg dry
Pyrene	129-00-0	**0.338**	0.0117	0.0434	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	2.11	2.19	96 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB69-005	Project:	PCA 25- NAS JAX
Lab #:	B607287-09	Work Order #:	B607287
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	09/07/06 By: jbh	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	1
Anal. Batch:	BA00048	Percent Solids:	76.00
QC Batch:	6I05002		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
TPH (C8-C40)	NA	**88.9**	7.37	8.68	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	3.97	4.39	90 %	29-145
o-Terphenyl	84-15-1	1.99	2.19	91 %	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB71-005	Project:	PCA 25- NAS JAX
Lab #:	B607287-10	Work Order #:	B607287
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	09/12/06 By: ds	Unit:	mg/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:	BA00045	Percent Solids:	78.00
QC Batch:	6I14002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Benzene	71-43-2	0.0001 U	0.0001	0.0013	mg/kg dry
Ethylbenzene	100-41-4	0.0003 U	0.0003	0.0013	mg/kg dry
m,p-Xylenes	108-38-3/106-42-3	0.0004 U	0.0004	0.0026	mg/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.0001 U	0.0001	0.0013	mg/kg dry
o-Xylene	95-47-6	0.0001 U	0.0001	0.0013	mg/kg dry
Toluene	108-88-3	**0.0003** I	0.0003	0.0013	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	46.3	50.0	93 %	60-130
Dibromofluoromethane	1868-53-7	48.0	50.0	96 %	66-131
Toluene-d8	2037-26-5	49.4	50.0	99 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB71-005	Project:	PCA 25- NAS JAX
Lab #:	B607287-10	Work Order #:	B607287
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	09/06/06 By: jbh	Unit:	mg/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:	BA00042	Percent Solids:	78.00
QC Batch:	6I03004		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	0.0136 U	0.0136	0.0423	mg/kg dry
2-Methylnaphthalene	91-57-6	0.0127 U	0.0127	0.0423	mg/kg dry
Acenaphthene	83-32-9	0.00931 U	0.00931	0.0423	mg/kg dry
Acenaphthylene	208-96-8	0.0136 U	0.0136	0.0423	mg/kg dry
Anthracene	120-12-7	0.00885 U	0.00885	0.0423	mg/kg dry
Benzo(a)anthracene	56-55-3	0.00885 U	0.00885	0.0423	mg/kg dry
Benzo(a)pyrene	50-32-8	0.00885 U	0.00885	0.0423	mg/kg dry
Benzo(b)fluoranthene	205-99-2	0.00683 U	0.00683	0.0423	mg/kg dry
Benzo(g,h,i)perylene	191-24-2	0.0131 U	0.0131	0.0423	mg/kg dry
Benzo(k)fluoranthene	207-08-9	0.00885 U	0.00885	0.0423	mg/kg dry
Chrysene	218-01-9	0.00936 U	0.00936	0.0423	mg/kg dry
Dibenzo(a,h)anthracene	53-70-3	0.0144 U	0.0144	0.0423	mg/kg dry
Fluoranthene	206-44-0	0.0114 U	0.0114	0.0423	mg/kg dry
Fluorene	86-73-7	0.00808 U	0.00808	0.0423	mg/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	0.0149 U	0.0149	0.0423	mg/kg dry
Naphthalene	91-20-3	0.0156 U	0.0156	0.0423	mg/kg dry
Phenanthrene	85-01-8	0.00885 U	0.00885	0.0423	mg/kg dry
Pyrene	129-00-0	0.0114 U	0.0114	0.0423	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	2.13	2.14	100 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB71-005	Project:	PCA 25- NAS JAX
Lab #:	B607287-10	Work Order #:	B607287
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	09/07/06 By: jbh	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	1
Anal. Batch:	BA00048	Percent Solids:	78.00
QC Batch:	6I05002		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
TPH (C8-C40)	NA	7.18 U	7.18	8.46	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	3.99	4.27	93 %	29-145
o-Terphenyl	84-15-1	1.78	2.14	83 %	36-140

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB72-005	Project:	PCA 25- NAS JAX
Lab #:	B607287-11	Work Order #:	B607287
Prep. Method:	EPA 5035_MS	Matrix:	Soil
Analyzed:	09/12/06 By: ds	Unit:	mg/kg dry
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:	BA00045	Percent Solids:	86.00
QC Batch:	6I14002		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
Benzene	71-43-2	0.0001 U	0.0001	0.0012	mg/kg dry
Ethylbenzene	100-41-4	0.0002 U	0.0002	0.0012	mg/kg dry
m,p-Xylenes	108-38-3/106-42-3	0.0003 U	0.0003	0.0023	mg/kg dry
Methyl-tert-Butyl Ether	1634-04-4	0.0001 U	0.0001	0.0012	mg/kg dry
o-Xylene	95-47-6	0.0001 U	0.0001	0.0012	mg/kg dry
Toluene	108-88-3	0.0002 U	0.0002	0.0012	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	47.1	50.0	94 %	60-130
Dibromofluoromethane	1868-53-7	48.3	50.0	97 %	66-131
Toluene-d8	2037-26-5	49.4	50.0	99 %	67-139

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB72-005	Project:	PCA 25- NAS JAX
Lab #:	B607287-11	Work Order #:	B607287
Prep. Method:	EPA 3545_MS	Matrix:	Soil
Analyzed:	09/06/06 By: jbh	Unit:	mg/kg dry
Anal. Method:	EPA 8270C	Dilution Factor:	1
Anal. Batch:	BA00042	Percent Solids:	86.00
QC Batch:	6I03004		

Semivolatile Organic Compounds by GCMS SIM

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
1-Methylnaphthalene	90-12-0	0.0123 U	0.0123	0.0384	mg/kg dry
2-Methylnaphthalene	91-57-6	0.0115 U	0.0115	0.0384	mg/kg dry
Acenaphthene	83-32-9	0.00844 U	0.00844	0.0384	mg/kg dry
Acenaphthylene	208-96-8	0.0123 U	0.0123	0.0384	mg/kg dry
Anthracene	120-12-7	0.00802 U	0.00802	0.0384	mg/kg dry
Benzo(a)anthracene	56-55-3	0.00802 U	0.00802	0.0384	mg/kg dry
Benzo(a)pyrene	50-32-8	0.00802 U	0.00802	0.0384	mg/kg dry
Benzo(b)fluoranthene	205-99-2	0.00620 U	0.00620	0.0384	mg/kg dry
Benzo(g,h,i)perylene	191-24-2	0.0119 U	0.0119	0.0384	mg/kg dry
Benzo(k)fluoranthene	207-08-9	0.00802 U	0.00802	0.0384	mg/kg dry
Chrysene	218-01-9	0.00849 U	0.00849	0.0384	mg/kg dry
Dibenzo(a,h)anthracene	53-70-3	0.0130 U	0.0130	0.0384	mg/kg dry
Fluoranthene	206-44-0	0.0103 U	0.0103	0.0384	mg/kg dry
Fluorene	86-73-7	0.00733 U	0.00733	0.0384	mg/kg dry
Indeno(1,2,3-cd)pyrene	193-39-5	0.0135 U	0.0135	0.0384	mg/kg dry
Naphthalene	91-20-3	0.0142 U	0.0142	0.0384	mg/kg dry
Phenanthrene	85-01-8	0.00802 U	0.00802	0.0384	mg/kg dry
Pyrene	129-00-0	0.0103 U	0.0103	0.0384	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
p-Terphenyl	92-94-4	2.02	1.94	104 %	10-167

www.encolabs.com

ANALYTICAL REPORT

Sample ID:	JAX25-SB72-005	Project:	PCA 25- NAS JAX
Lab #:	B607287-11	Work Order #:	B607287
Prep. Method:	EPA 3545	Matrix:	Soil
Analyzed:	09/07/06 By: jbh	Unit:	mg/kg dry
Anal. Method:	FLPRO	Dilution Factor:	1
Anal. Batch:	BA00048	Percent Solids:	86.00
QC Batch:	6I05002		

FL Petroleum Range Organics

Parameter	CAS Number	Analytical Results	MDL	MRL	Units
TPH (C8-C40)	NA	**12.2**	6.51	7.67	mg/kg dry

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
n-Nonatriacontane	7194-86-7	3.70	3.88	96 %	29-145
o-Terphenyl	84-15-1	1.82	1.94	94 %	36-140

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sanple Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6I14002 - EPA 5035_MS										
Blank (6I14002-BLK1)				Prepared: 09/11/2006 08:00 Analyzed: 09/12/2006 11:31						
Methyl-tert-Butyl Ether	0.0001 U	0.0010	mg/kg wet							
Benzene	0.0001 U	0.0010	mg/kg wet							
Toluene	0.000410 I	0.0010	mg/kg wet							
Ethylbenzene	0.0002 U	0.0010	mg/kg wet							
m,p-Xylenes	0.0003 U	0.0020	mg/kg wet							
o-Xylene	0.0001 U	0.0010	mg/kg wet							
LCS (6I14002-BS1)				Prepared: 09/11/2006 08:00 Analyzed: 09/12/2006 12:59						
Benzene	20.2	1.00	ug/kg	20.0		101	27-150			
Toluene	17.4	1.00	ug/kg	20.0		87	72-124			
Matrix Spike (6I14002-MS1)		**Source: B608044-01**		Prepared: 09/11/2006 08:00 Analyzed: 09/12/2006 13:28						
Benzene	20.6	1.00	ug/kg	20.0	0.100 U	103	49-130			
Toluene	18.0	1.00	ug/kg	20.0	0.200 U	90	55-124			
Matrix Spike Dup (6I14002-MSD1)		**Source: B608044-01**		Prepared: 09/11/2006 08:00 Analyzed: 09/12/2006 13:58						
Benzene	19.2	1.00	ug/kg	20.0	0.100 U	96	49-130	7	23	
Toluene	17.6	1.00	ug/kg	20.0	0.200 U	88	55-124	2	22	
Batch 6I14003 - EPA 5035_MS										
Blank (6I14003-BLK1)				Prepared: 09/13/2006 08:00 Analyzed: 09/13/2006 17:42						
Methyl-tert-Butyl Ether	0.0100 U, D	0.100	mg/kg wet							D
Benzene	0.0100 U, D	0.100	mg/kg wet							D
Toluene	0.0200 U, D	0.100	mg/kg wet							D
Ethylbenzene	0.0200 I, D	0.100	mg/kg wet							D
m,p-Xylenes	0.0300 U, D	0.200	mg/kg wet							D
o-Xylene	0.0100 U, D	0.100	mg/kg wet							D
LCS (6I14003-BS1)				Prepared: 09/13/2006 08:00 Analyzed: 09/13/2006 18:42						
Benzene	17.5	1.00	ug/kg	20.0		88	27-150			
Toluene	19.1	1.00	ug/kg	20.0		96	72-124			
Matrix Spike (6I14003-MS1)		**Source: B607287-06**		Prepared: 09/13/2006 08:00 Analyzed: 09/13/2006 19:12						
Benzene	15.4	1.00	ug/kg	20.0	0.100 U	77	49-130			
Toluene	17.0	1.00	ug/kg	20.0	0.200 U	85	55-124			
Matrix Spike Dup (6I14003-MSD1)		**Source: B607287-06**		Prepared: 09/13/2006 08:00 Analyzed: 09/13/2006 19:42						
Benzene	15.6	1.00	ug/kg	20.0	0.100 U	78	49-130	1	23	
Toluene	17.7	1.00	ug/kg	20.0	0.200 U	88	55-124	4	22	
Semivolatile Organic Compounds by GCMS SIM - Quality Control										
Batch 6I03004 - EPA 3545_MS										
Blank (6I03004-BLK1)				Prepared: 09/03/2006 12:09 Analyzed: 09/06/2006 12:38						
Benzo(a)anthracene	0.00690 U	0.0330	mg/kg wet							
Benzo(b)fluoranthene	0.00533 U	0.0330	mg/kg wet							
Benzo(k)fluoranthene	0.00690 U	0.0330	mg/kg wet							
Benzo(g,h,i)perylene	0.0102 U	0.0330	mg/kg wet							
Benzo(a)pyrene	0.00690 U	0.0330	mg/kg wet							
Dibenzo(a,h)anthracene	0.0112 U	0.0330	mg/kg wet							
Indeno(1,2,3-cd)pyrene	0.0116 U	0.0330	mg/kg wet							

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sanple Notes
Semivolatile Organic Compounds by GCMS SIM - Quality Control										
Batch 6I03004 - EPA 3545_MS										
Blank (6I03004-BLK1) Continued				Prepared: 09/03/2006 12:09 Analyzed: 09/06/2006 12:38						
Naphthalene	0.0122 U	0.0330	mg/kg wet							
2-Methylnaphthalene	0.00990 U	0.0330	mg/kg wet							
1-Methylnaphthalene	0.0106 U	0.0330	mg/kg wet							
Acenaphthylene	0.0106 U	0.0330	mg/kg wet							
Acenaphthene	0.00726 U	0.0330	mg/kg wet							
Fluorene	0.00630 U	0.0330	mg/kg wet							
Phenanthrene	0.00690 U	0.0330	mg/kg wet							
Anthracene	0.00690 U	0.0330	mg/kg wet							
Fluoranthene	0.00890 U	0.0330	mg/kg wet							
Pyrene	0.00890 U	0.0330	mg/kg wet							
Chrysene	0.00730 U	0.0330	mg/kg wet							
Surrogate: p-Terphenyl	*2.07*		*mg/kg wet*	*1.67*		*124*	*10-167*			
LCS (6I03004-BS1)				Prepared: 09/03/2006 12:09 Analyzed: 09/06/2006 12:55						
Benzo(g,h,i)perylene	0.523	0.0330	mg/kg wet	0.667		78	10-168			
Benzo(a)pyrene	0.607	0.0330	mg/kg wet	0.667		91	41-125			
Naphthalene	0.607	0.0330	mg/kg wet	0.667		91	50-104			
Acenaphthene	0.667	0.0330	mg/kg wet	0.667		100	52-109			
Surrogate: p-Terphenyl	*1.90*		*mg/kg wet*	*1.67*		*114*	*10-167*			
Matrix Spike (6I03004-MS1)		**Source: B607287-06**		Prepared: 09/03/2006 12:09 Analyzed: 09/06/2006 16:02						
Benzo(g,h,i)perylene	0.818	0.0429	mg/kg dry	0.866	0.173	74	10-168			
Benzo(a)pyrene	0.840	0.0429	mg/kg dry	0.866	0.255	68	43-136			
Naphthalene	0.684	0.0429	mg/kg dry	0.866	0.0158 U	79	48-112			
Acenaphthene	0.732	0.0429	mg/kg dry	0.866	0.00943 U	84	48-119			
Surrogate: p-Terphenyl	*3.98*		*mg/kg dry*	*2.16*		*184*	*10-167*			S-04
Matrix Spike Dup (6I03004-MSD1)		**Source: B607287-06**		Prepared: 09/03/2006 12:09 Analyzed: 09/06/2006 17:38						
Benzo(g,h,i)perylene	2.61 QM-03	0.0429	mg/kg dry	0.866	0.173	281	10-168	104	48	QM-03
Benzo(a)pyrene	6.35 QM-03, E	0.0429	mg/kg dry	0.866	0.255	704	43-136	153	34	QM-03
Naphthalene	0.636	0.0429	mg/kg dry	0.866	0.0158 U	74	48-112	7	22	
Acenaphthene	0.706	0.0429	mg/kg dry	0.866	0.00943 U	81	48-119	4	31	
Surrogate: p-Terphenyl	*3.29*		*mg/kg dry*	*2.16*		*152*	*10-167*			
FL Petroleum Range Organics - Quality Control										
Batch 6I05002 - EPA 3545										
Blank (6I05002-BLK1)				Prepared: 09/05/2006 10:39 Analyzed: 09/06/2006 23:59						
TPH (C8-C40)	5.60 U	6.60	mg/kg wet							
Surrogate: n-Nonatriacontane	*3.27*		*mg/kg wet*	*3.33*		*98*	*29-145*			
Surrogate: o-Terphenyl	*1.60*		*mg/kg wet*	*1.67*		*96*	*36-140*			
LCS (6I05002-BS1)				Prepared: 09/05/2006 10:39 Analyzed: 09/07/2006 00:21						
TPH (C8-C40)	35.7	6.60	mg/kg wet	56.7		63	48-118			
Surrogate: n-Nonatriacontane	*2.39*		*mg/kg wet*	*3.33*		*72*	*19-133*			
Surrogate: o-Terphenyl	*1.08*		*mg/kg wet*	*1.67*		*65*	*53-128*			
Matrix Spike (6I05002-MS1)		**Source: B607287-06**		Prepared: 09/05/2006 10:39 Analyzed: 09/07/2006 02:12						

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Sanple Notes
FL Petroleum Range Organics - Quality Control										
Batch 6I05002 - EPA 3545										
TPH (C8-C40)	11900 QM-01, D	429	mg/kg dry	73.6	1680	NR	40-136			QM-01
Surrogate: n-Nonatriacontane	*0.00*		*mg/kg dry*	*4.33*			*36-152*			S-04, U
Surrogate: o-Terphenyl	*0.00*		*mg/kg dry*	*2.16*			*51-148*			S-04, U
Matrix Spike Dup (6I05002-MSD1)		**Source: B607287-06**		Prepared: 09/05/2006 10:39 Analyzed: 09/07/2006 02:35						
TPH (C8-C40)	11700 QM-01, D	429	mg/kg dry	73.6	1680	NR	40-136	2	25	QM-01
Surrogate: n-Nonatriacontane	*0.00*		*mg/kg dry*	*4.33*			*36-152*			S-04, U
Surrogate: o-Terphenyl	*0.00*		*mg/kg dry*	*2.16*			*51-148*			S-04, U
Batch BA00048 - 6I05002										
Instrument Blank (BA00048-IBL1)				Prepared: 09/06/2006 00:00 Analyzed: 09/07/2006 02:57						
TPH (C8-C40)	19.4 U	6.60	ug/mL							

NOTES AND DEFINITIONS

A-01	Sample run low, inconsistant results.
A-01a	sample run mid. Inconsistant results.
D	Data reported from a dilution
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate (CLP E-flag).
FL_L	Off-scale high. Acutal value is known to be greater than value given.
I	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
QM-01	The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.
QM-03	Multiple analyses indicate the percent recovery exceeds the Quality Control acceptance criteria due to a matrix effect.
R-05	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
U	Analyte included in the analysis, but not detected

LABORATORY CERTIFICATION SUMMARY

Analysis	Matrix	Cert ID	Cert Number
8260B Arom	Soil	NELAC	E82277
8270C PAH SIM	Soil	NELAC	E82277
FLPRO	Soil	NELAC	E82277

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER 3393 | PAGE 1 OF 1

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
112GN0132	PCA 25 - NAS JAX	CHUCK METZ	(904) 636-6125	ENCO LABORATORIES / J. GREGORY
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
Terry Cottenoir		TERRY COTTENOIR	(904) 636-6125	4810 EXECUTIVE PARK CT, STE 211
		CARRIER/WAYBILL NUMBER		CITY, STATE
		DROP OFF		JACKSONVILLE, FL 32216

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2006	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	BTEX / 8260B	MTBE / 8260B	PAHs / 8270C	TRPHs / FL-PRO				COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									G	G	G	G				
PRESERVATIVE USED									?	?	–	–				
8/29	1047	JAX25-SB76-005				SO	G	4	X	X	X	X				Cool to 4°C
	1415	JAX25-SB75-003							X	X	X	X				
	1455	JAX25-SB74-005							X	X	X	X				*Collected MS/MSD
	1528	JAX25-SB73-005							X	X	X	X				on JAX25-SB66-005
8/30	0934	JAX25-SB77-005							X	X	X	X				
	1007	JAX25-SB66-005	*					11	X	X	X	X				
	1055	JAX25-SB67-005						4	X	X	X	X				P.O. #1010659
	1145	JAX25-SB68-005						4	X	X	X	X				
	1231	JAX25-SB69-005							X	X	X	X				
	1300	JAX25-SB71-005							X	X	X	X				
	1339	JAX25-SB72-005							X	X	X	X				

1. RELINQUISHED BY	DATE	TIME	1. RECEIVED BY	DATE	TIME
Terry Cottenoir	8/30/06	1530	ENCO	8/30/06	1530
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME
			B607287		

COMMENTS 2.1°C G10

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY) 4/02R

FORM NO. TtNUS-001

The total number of pages in this report, including this page is 1.

MARCH 2007

TETRA TECH NUS, INC.
CTO 0003 NAS JACKSONVILLE
SA1351

KATAHDIN ANALYTICAL SERVICES, INC.
600 TECHNOLOGY WAY
SCARBOROUGH, ME 04074

TABLE OF CONTENTS

Total number of pages: 528

SAMPLE DATA PACKAGE		0000001		
Narrative	----------	0000002	to	0000005
Supporting Documents	----------	0000006	to	0000007
Chain of Custody Record	----------	0000008	to	0000009
Login Report	----------	0000010	to	0000013
SAMPLE DATA SUMMARY				
Report of Analytical Results	----------	A0000001	to	A0000228
VOLATILE DATA		1000001		
QC Summary	----------	1000002	to	1000052
Sample Data	----------	1000053	to	1000083
Standards Data	----------	1000084	to	1000096
Logbooks and Supporting Documents	----------	1000097	to	1000112
SIM DATA		2000001		
QC Summary	----------	2000002	to	2000028
Sample Data	----------	2000029	to	2000059
Standards Data	----------	2000060	to	2000066
Logbooks and Supporting Documents	----------	2000067	to	2000075
PETROLEUM RANGE ORGANICS DATA	----------	3000001		
QC Summary	----------	3000002	to	3000016
Sample Data	----------	3000017	to	3000041
Standards Data	----------	3000042	to	3000059
Logbooks and Supporting Documents	----------	3000060	to	3000066
CONVENTIONAL AND PHYSICAL DATA		5000001		
QC Summary	----------	5000002	to	5000005
Sample Data	----------	5000006	to	5000029
Raw Data	----------	5000030	to	5000034

SAMPLE DATA PACKAGE

SDG NARRATIVE
KATAHDIN ANALYTICAL SERVICES
TETRA TECH NUS
CASE CTO 0003 NAS JACKSONVILLE
SA1351

Sample Receipt

The following samples were received on March 29, 2007 and were logged in under Katahdin Analytical Services work order number SA1351 for a hardcopy due date of April 11, 2007.

KATAHDIN Sample No.	TTNUS Sample Identification
SA1351-1	JAX25-SB90-03
SA1351-2	JAX25-SB91-03
SA1351-3	JAX25-SB92-03
SA1351-4	JAX25-SB93-03
SA1351-5	JAX25-SB86-03
SA1351-6	JAX25-SB87-03
SA1351-7	JAX25-SB88-03
SA1351-8	JAX25-SB89-03
SA1351-9	JAX25-SB94-03
SA1351-10	JAX25-SB95-01
SA1351-11	JAX25-SB97-03
SA1351-12	JAX25-SB96-01
SA1351-13	JAX25-SB98-01
SA1351-14	JAX25-SB99-01
SA1351-15	JAX25-SB83-03
SA1351-16	JAX25-SB84-03
SA1351-17	JAX25-SB85-03
SA1351-18	JAX25-SB82-03
SA1351-19	JAX25-SB81-03
SA1351-20	JAX25-SB78-02
SA1351-21	JAX25-SB79-01
SA1351-22	JAX25-SB102-03
SA1351-23	JAX25-SB103-03
SA1351-24	TRIP BLANK

The samples were logged in for the analyses specified on the chain of custody form. All problems encountered and resolved during sample receipt have been documented on the applicable chain of custody forms.

We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in this narrative or in the Report of Analysis.

Sample analyses have been performed by the methods as noted herein.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact your Katahdin Analytical Services Project Manager, **Andrea J. Colby**. This narrative is an integral part of the Report of Analysis.

000002

Organics Analysis

The samples of work order SA1351 were analyzed in accordance with "Test Methods for Evaluating Solid Wastes: Physical/Chemical Methods." SW-846, 2nd edition, 1982 (revised 1984), 3rd edition, 1986, and Updates I, II, IIA, III, IIIA, and IIIB 1996, 1998 & 2004, Office of Solid Waste and Emergency Response, U.S. EPA, and/or Method for Determination of Petroleum Range Organics (Method #FL-PRO), Florida Department of Environmental Protection, November 1, 1995 and/or for the specific methods listed below or on the Report of Analysis. Some manual integrations may have been performed due to split peaks and/or corrected baselines. All have been flagged with an "M" (software-generated) on the pertinent quantitation reports.

8015M-FLPRO Analysis

The target range PRO was detected above the MDL but below the PQL in the method blanks WG37445-1RA, WG37445-1RA2 and WG37547-1. Any PRO that was also detected in any of the associated samples was flagged with a "V" qualifier indicating that the analyte was detected in the method blank analyzed and/or extracted concurrently with the sample.

The method blank, WG37445-1RA; laboratory control sample (LCS), WG37445-2RA; and samples SA1351-1, 2, 5DL, 6RA, and 22 had high recoveries for the extraction surrogate o-terphenyl, which were outside of the method acceptance limits. Since the recoveries for the second surrogate, n-triacontane-D_{62}, were within the acceptance limits, no further corrective action was taken.

The laboratory control sample (LCS), WG37547-2, had a PRO recovery that was low and outside of the method acceptance limits. The laboratory control sample duplicate (LCSD), WG37547-3, had an acceptable recovery. This resulted in an RPD for the laboratory control sample duplicates that was above the acceptance limit of 25%. Since the LCSD, WG37547-3, had an acceptable recovery, the associated samples were not reextracted. Any PRO that was also detected in any of the associated samples was flagged with a "J" qualifier indicating that the analyte was outside of the method acceptance limits in the LCS analyzed and extracted concurrently with the sample.

Sample SA1351-1 was used for the matrix spike (MS) and matrix spike duplicate (MSD). The MSD WG37445-4 had high recoveries for both extraction surrogates o-terphenyl and n-triacontane-D_{62}, which were outside of the method acceptance limits. Since the PRO recoveries were acceptable in both the MS and MSD, the samples were not reextracted.

The closing calibration verification standard (CV) (file CAD2060) had a low response for the extraction surrogate n-triacontane-D_{62}, which resulted in a %D that was outside of the method acceptance limits.

8260B Analysis

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are statistically derived for the full list of spiked compounds. The recoveries of the spiked analytes in the LCS, Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are compared to these acceptance limits. Katahdin standard operating procedure is not to take corrective action until the number of spiked analytes in the LCS that are outside of the QC limits is not greater than the DoD QSM allowable number of exceedances. If the associated MS/MSD has greater than the allowable number of exceedances, no corrective action is taken, as long as the LCS is acceptable.

The initial analyses of sample SA1351-5 had a low response for one internal standard that resulted in a %D which was outside the laboratory acceptance limit of -50% to +100% of the response of the internal standard of the daily calibration verification standard. The reanalysis of this sample is labeled with the

P.O. Box 540, Scarborough, ME 04070 • Tel: (207) 874-2400 • Fax: (207) 775-4029 • 600 Technology Way, Scarborough, ME 04074
www.katahdinlab.com

suffix "RA". The reanalysis was analyzed within the analytical hold time and met all QC criteria. Therefore, only the reanalysis is reported.

The initial analysis of the low-concentration soil sample SA1351-12 had no recoveries for two surrogates and a low recovery for one surrogate that was outside the laboratory established acceptance limits and a low response for one internal standard that resulted in a %D which was outside the laboratory acceptance limit of -50% to +100% of the response of the internal standard of the daily calibration verification standard. The reanalysis of this sample is labeled with the suffix "RA". The reanalysis also had a low response for one internal standard indicating a possible matrix effect. The matrix effect is also evident by observing the sample chromatogram. The sample was then reanalyzed as a high-concentration soil sample (methanol), which is labeled with the suffix "DL". The results from all three analyses are reported.

The initial analysis of the low-concentration soil sample SA1351-17 had a high recovery for one surrogate that was outside the laboratory established acceptance limits and low responses for three internal standards that resulted in %D's which were outside the laboratory acceptance limit of -50% to +100% of the response of the internal standard of the daily calibration verification standard. The reanalysis of this sample is labeled with the suffix "RA". The reanalysis also had a high recovery for one surrogate and a low response for one internal standard indicating a possible matrix effect. The matrix effect is also evident by observing the sample chromatogram. The sample was then reanalyzed as a high-concentration soil sample (methanol), which is labeled with the suffix "DL". This analysis had a high recovery for one surrogate. The results from all three analyses are reported.

The initial analysis of the low-concentration soil sample SA1351-22 had low responses for all internal standards that resulted in %D's which were outside the laboratory acceptance limit of -50% to +100% of the response of the internal standard of the daily calibration verification standard. The reanalysis of this sample is labeled with the suffix "RA". The reanalysis also had low responses for all four internal standards indicating a matrix effect. It should be noted that prior to analysis, 5 mL of water was added to the vial due to an insufficient amount of water present. The results from both analyses are reported.

Samples SA1351-12, 13, 17 were manually integrated for m+p-xylenes, and/or p-bromofluorobenzene, pentafluorobenzene, toluene-d8. The specific reasons for the manual integrations are indicated on the raw data by the manual integration codes (M1-M8). These codes are further explained in the attachment following this narrative.

<u>8270C SIM Analysis</u>

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are statistically derived for the full list of spiked compounds. The recoveries of the spiked analytes in the LCS, Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are compared to these acceptance limits. Katahdin standard operating procedure is not to take corrective action until the number of spiked analytes in the LCS that are outside of the QC limits is not greater than the DoD QSM allowable number of exceedances. If the associated MS/MSD has greater than the allowable number of exceedances, no corrective action is taken, as long the LCS is acceptable.

Samples SA1351-1 and 5 were used for the matrix spike (MS) and matrix spike duplicate (MSD). The MS WG37524-3 had a recovery for one analyte that was non-calculable (NC) due to the concentration in the native sample being higher than in the MS. The MSD WG37524-4 had a response for the spiked analyte indeno (1,2,3-cd) pyrene that was high and outside of the calibration range. Because of the calibration model used for the analyte, the calculated value generated from the data processing software is 0.00, and consequently no recovery is reported. These deviations are likely due to a non-homogeneous sample.

Samples SA1351-1 through 10, 10DL, 11DL, 12DL, 12DL2, 13, 13DL, 17DL, 19 and 21 were manually integrated for various analytes. The specific reasons for the manual integrations are indicated on the raw

P.O. Box 540, Scarborough, ME 04070 • Tel: (207) 874-2400 • Fax: (207) 775-4029 • 600 Technology Way, Scarborough, ME 04074
www.katahdinlab.com

data by the manual integration codes (M1-M8). These codes are further explained in the attachment following this narrative.

Samples SA1351-12 and 17 were initially analyzed at dilutions of 1:10 due to matrix interference, sample viscosity or other matrix-related problem. Consequently, the sample PQLs were elevated by a factor of 10.

There were no other protocol deviations or observations noted by the organics laboratory staff.

Wet Chemistry Analysis

The samples of work order SA1151 were analyzed in accordance with the specific methods listed on the Report of Analysis.

Analyses for total solids were performed according to U.S. EPA Contract Laboratory Program Statement of Work for Inorganic Analysis, SOW 788.

All analyses were performed within analytical holding times. All quality control criteria were met.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Operations Manager or the Quality Assurance Officer as verified by the following signature.

Deborah J. Nadeau for 4/13/07

Leslie Dimond
Quality Assurance Officer

0000005

Katahdin Analytical Services, Inc. **Sample Receipt Condition Report**

Client: Tetra Tech	KAS PM: AJC	Sampled By: Client
Project: C10 0003 NAS JAX	KIMS Entry By: DS	Delivered By: FEDEX
KAS Work Order#: 5A1351	KIMS Review By: MC	Received By: DS
SDG #:	Cooler: 1 of 2	Date/Time Rec.: 032907 0930

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?	X	X			
2. Chain of Custody present in cooler?	X				
3. Chain of Custody signed by client?	X				
4. Chain of Custody matches samples?	X				
5. Temperature Blanks present?	X				Temp (°C): 6.0
6. Samples received at < 6 °C w/o freezing? Ice or ice packs present? (Y) or N	X				Cooler temp. (°C): (if no temp blank)
7. Volatiles free of headspace? **Aqueous:** No bubble larger than a pea				X	
Soil/Sediment: Received in airtight container?	X				
Received in methanol?	X				
Methanol covering soil?	X				
8. Trip Blank present in cooler?	X				
9. Proper sample containers and volume?	X				
10. Samples within hold time upon receipt?	X				
11. Aqueous samples properly preserved? Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH – pH <2				X	
Sulfide - >9				X	
Cyanide – pH >12				X	
12. Corrective Action Report Filed?				✓	

* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments

Several VOA DI vials appear to be empty of DI. Ascertained client 3/28/07.

0000006

Katahdin Analytical Services, Inc. **Sample Receipt Condition Report**

Client: Tetra Tech	KAS PM: ASC	Sampled By: Client
Project: C10 0003 NAS JAX	KIMS Entry By: DJ	Delivered By: FEDEX
KAS Work Order#: SA1391	KIMS Review By: AC	Received By: DJ
SDG #:	Cooler: 2 of 2	Date/Time Rec.: 032907 0930

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?		X			
2. Chain of Custody present in cooler?	X				
3. Chain of Custody signed by client?	X				
4. Chain of Custody matches samples?	X				
5. Temperature Blanks present?	X				Temp (°C): 2.0
6. Samples received at < 6 °C w/o freezing? Ice or ice packs present? Y or N	X				Cooler temp. (°C): (if no temp blank)
7. Volatiles free of headspace? **Aqueous:** No bubble larger than a pea				X	
Soil/Sediment: Received in airtight container?	X				
Received in methanol?	X				
Methanol covering soil?	X				
8. Trip Blank present in cooler?	X				
9. Proper sample containers and volume?	X				
10. Samples within hold time upon receipt?	X				
11. Aqueous samples properly preserved? Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH – pH <2				X	
Sulfide - >9				X	
Cyanide – pH >12				X	
12. Corrective Action Report Filed?				✓	

* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments

0000007

5A13S1

TETRA TECH NUS, INC. | **CHAIN OF CUSTODY** | **NUMBER** 2361 A | **PAGE** 1 **OF** 2

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
112G00132	NAS JAX	Mark Petrison	904-636-6125	Katahdin Analytical
SAMPLERS (SIGNATURE)		**FIELD OPERATIONS LEADER**	**PHONE NUMBER**	**ADDRESS**
		Chuck Mizz	904-636-6125	
		CARRIER/WAYBILL NUMBER		**CITY, STATE**
		Fed Ex –		Scarborough, ME

STANDARD TAT ☒ 21 day
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G)
PRESERVATIVE USED

DATE YEAR 2007	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	TYPE OF ANALYSIS: 8260B	8270L SIM	FL-PRO					COMMENTS
3-28	1050	JAX25-SB90-03		3	3	So	G	5	✓	✓	✓					Cool to 4°C
	1015	JAX 25-SB91-03		3	3				X	X	X					
	1010	JAX 25-SB92-03		3	3				X	X	X					PO# 1015276
	1055	JAX 25 SB93-03		3	3				X	X	X					
	1230	JAX 25 SB86-03		3	3				X	X	X					
	1235	JAX 25 SB87-03		3	3				X	X	X					
	1255	JAX 25 SB88-03		3	3				X	X	X					
	1300	JAX 25 SB89-03		3	3				X	X	X					
	1315	JAX 25 SB94-03		3	3				X	X	X					
	1335	JAX 25 SB95-01		1	1				X	X	X					
	1400	JAX 25 SB97-03		3	3				X	X	X					
	1420	JAX 25 SB96-01		1	1				X	X	X					
✓	1445	JAX 25 SB98-01		1	1					X	X					

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY	3-28-07	1915	1. RECEIVED BY	032907	1000
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

8000000

SA1351

TETRA TECH NUS, INC. **CHAIN OF CUSTODY** | **NUMBER** 2361B | **PAGE** 2 **OF** 2

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
112G00132	NAS JAX	M. Peterson	904-636-6125	Katahdin Analytical / Andrea
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
		C. Metz	904-636-6125	
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FedEx		Scarborough, ME

STANDARD TAT ☑ 21-DAY
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G)
PRESERVATIVE USED
TYPE OF ANALYSIS

DATE YEAR 2007	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	8260B	8270 SIM	FL-PRO					COMMENTS
3/28	1505	JAX25-SB99-01		1	1	SO	G	5	x	x	x					Cool to 4°C
3/28	1530	JAX25-SB83-03		3	3	SO	G	5	x	x	x					
3/28	1550	JAX25-SB84-03		3	3	SO	G	5	x	x	x					PO# 1015276
3/28	1610	JAX25-SB85-03		3	3	SO	G	5	x	x	x					
3/28	1635	JAX25-SB82-03		3	3	SO	G	5	x	x	x					
3/28	1650	JAX25-SB81-03		3	3	SO	G	5	x	x	x					
3/28	1720	JAX25-SB78-02		3	3	SO	G	5	x	x	x					
3/28	1730	JAX25-SB79-01		3	3	SO	G	5	x	x	x					
3/28	1745	JAX25-SB102-03		3	3	SO	G	5	x	x	x					
3/28	1755	JAX25-SB103-03		3	3	SO	G	5	x	x	x					
2/12/07	1115	Trip Blank				QC		2	2							

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY	3-28-07	1915	1. RECEIVED BY	032907	1000
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TNNUS-001

000009

Katahdin
ANALYTICAL SERVICES

Katahdin Analytical Services

Login Chain of Custody Report (Ino1)

Mar. 29, 2007
03:29 PM

Login Number: SA1351

Account: TETRAT001 Web
Tetra Tech NUS, Inc.

Project: TETRAT003001

Primary Report Address:
Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Foster Plaza 7
Pittsburgh,PA 15220

Primary Invoice Address:
Accounts Payable
Tetra Tech NUS, Inc.
661 Andersen Drive
Foster Plaza 7
Pittsburgh,PA 15220

Report CC Addresses:
Invoice CC Addresses:

Login Information

ANALYSIS INSTRUCTIONS	:	VOA soils are pres DI & MeOH.
CHECK NO.	:	
CLIENT PO#	:	1015276
COOLER TEMPERATURE	:	6.0, 2.0
DELIVERY SERVICES	:	FEDEX
EDD FORMAT	:	KAS087QC-TXT
MAIL DATE	:	
PM	:	AJC
PROJECT NAME	:	CTO 0003 NAS Jacksonville
QC LEVEL	:	III
REGULATORY LIST	:	NFESC
REPORT INSTRUCTIONS	:	Rpt to MDL. Need to use Florida flagging. Data summary needs all forms. Send rpt & EDD on 2 CDs, no hc.
SDG ID	:	
SDG STATUS	:	

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
SA1351-1	JAX25-SB90-03	28-MAR-07 10:50	29-MAR-07			11-APR-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	11-APR-07		1
Solid	S	SW8260BTEX+MTBE	11-APR-07	40mL Vial+HCl	2
Solid	S	SW8270SIM-S	11-APR-07	100g Glass	2
Solid	S	TS	27-APR-07		

SA1351-2	JAX25-SB91-03	28-MAR-07 10:15	29-MAR-07		11-APR-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	11-APR-07		1
Solid	S	SW8260BTEX+MTBE	11-APR-07	40mL Vial+HCl	2
Solid	S	SW8270SIM-S	11-APR-07	100g Glass	2
Solid	S	TS	27-APR-07		

SA1351-3	JAX25-SB92-03	28-MAR-07 10:10	29-MAR-07		11-APR-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	11-APR-07		1
Solid	S	SW8260BTEX+MTBE	11-APR-07	40mL Vial+HCl	2
Solid	S	SW8270SIM-S	11-APR-07	100g Glass	2
Solid	S	TS	27-APR-07		

SA1351-4	JAX25-SB93-03	28-MAR-07 10:55	29-MAR-07		11-APR-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	11-APR-07		1
Solid	S	SW8260BTEX+MTBE	11-APR-07	40mL Vial+HCl	2
Solid	S	SW8270SIM-S	11-APR-07	100g Glass	2
Solid	S	TS	27-APR-07		

SA1351-5	JAX25-SB86-03	28-MAR-07 12:30	29-MAR-07		11-APR-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	11-APR-07		1
Solid	S	SW8260BTEX+MTBE	11-APR-07	40mL Vial+HCl	2
Solid	S	SW8270SIM-S	11-APR-07	100g Glass	2
Solid	S	TS	27-APR-07		

Katahdin
ANALYTICAL SERVICES

Katahdin Analytical Services

Login Chain of Custody Report (lno1)

Mar. 29, 2007
03:29 PM

Login Number: SA1351

Account: TETRAT001 Web
Tetra Tech NUS, Inc.

Project: TETRAT003001

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
SA1351-6	JAX25-SB87-03	28-MAR-07 12:35	29-MAR-07			11-APR-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	11-APR-07		1
Solid	S	SW8260BTEX+MTBE	11-APR-07	40mL Vial+HCl	2
Solid	S	SW8270SIM-S	11-APR-07	100g Glass	2
Solid	S	TS	27-APR-07		

SA1351-7	JAX25-SB88-03	28-MAR-07 12:55	29-MAR-07		11-APR-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	11-APR-07		1
Solid	S	SW8260BTEX+MTBE	11-APR-07	40mL Vial+HCl	2
Solid	S	SW8270SIM-S	11-APR-07	100g Glass	2
Solid	S	TS	27-APR-07		

SA1351-8	JAX25-SB89-03	28-MAR-07 13:00	29-MAR-07		11-APR-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	11-APR-07		1
Solid	S	SW8260BTEX+MTBE	11-APR-07	40mL Vial+HCl	2
Solid	S	SW8270SIM-S	11-APR-07	100g Glass	2
Solid	S	TS	27-APR-07		

SA1351-9	JAX25-SB94-03	28-MAR-07 13:15	29-MAR-07		11-APR-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	11-APR-07		1
Solid	S	SW8260BTEX+MTBE	11-APR-07	40mL Vial+HCl	2
Solid	S	SW8270SIM-S	11-APR-07	100g Glass	2
Solid	S	TS	27-APR-07		

SA1351-10	JAX25-SB95-01	28-MAR-07 13:35	29-MAR-07		11-APR-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	11-APR-07		1
Solid	S	SW8260BTEX+MTBE	11-APR-07	40mL Vial+HCl	2
Solid	S	SW8270SIM-S	11-APR-07	100g Glass	2
Solid	S	TS	27-APR-07		

SA1351-11	JAX25-SB97-03	28-MAR-07 14:00	29-MAR-07		11-APR-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	11-APR-07		1
Solid	S	SW8260BTEX+MTBE	11-APR-07	40mL Vial+HCl	2
Solid	S	SW8270SIM-S	11-APR-07	100g Glass	2
Solid	S	TS	27-APR-07		

SA1351-12	JAX25-SB96-01	28-MAR-07 14:20	29-MAR-07		11-APR-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	11-APR-07		1
Solid	S	SW8260BTEX+MTBE	11-APR-07	40mL Vial+HCl	2
Solid	S	SW8270SIM-S	11-APR-07	100g Glass	2
Solid	S	TS	27-APR-07		

SA1351-13	JAX25-SB98-01	28-MAR-07 14:45	29-MAR-07		11-APR-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	11-APR-07		1
Solid	S	SW8260BTEX+MTBE	11-APR-07	40mL Vial+HCl	2
Solid	S	SW8270SIM-S	11-APR-07	100g Glass	2
Solid	S	TS	27-APR-07		

Katahdin ANALYTICAL SERVICES

Katahdin Analytical Services

Login Chain of Custody Report (Ino1)

Mar. 29, 2007
03:29 PM

Login Number: SA1351

Account: TETRAT001 Web
Tetra Tech NUS, Inc.

Project: TETRAT003001

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
SA1351-14	JAX25-SB99-01	28-MAR-07 15:05	29-MAR-07			11-APR-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	11-APR-07		1
Solid	S	SW8260BTEX+MTBE	11-APR-07	40mL Vial+HCl	2
Solid	S	SW8270SIM-S	11-APR-07	100g Glass	2
Solid	S	TS	27-APR-07		

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
SA1351-15	JAX25-SB83-03	28-MAR-07 15:30	29-MAR-07			11-APR-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	11-APR-07		1
Solid	S	SW8260BTEX+MTBE	11-APR-07	40mL Vial+HCl	2
Solid	S	SW8270SIM-S	11-APR-07	100g Glass	2
Solid	S	TS	27-APR-07		

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
SA1351-16	JAX25-SB84-03	28-MAR-07 15:50	29-MAR-07			11-APR-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	11-APR-07		1
Solid	S	SW8260BTEX+MTBE	11-APR-07	40mL Vial+HCl	2
Solid	S	SW8270SIM-S	11-APR-07	100g Glass	2
Solid	S	TS	27-APR-07		

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
SA1351-17	JAX25-SB85-03	28-MAR-07 16:10	29-MAR-07			11-APR-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	11-APR-07		1
Solid	S	SW8260BTEX+MTBE	11-APR-07	40mL Vial+HCl	2
Solid	S	SW8270SIM-S	11-APR-07	100g Glass	2
Solid	S	TS	27-APR-07		

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
SA1351-18	JAX25-SB82-03	28-MAR-07 16:35	29-MAR-07			11-APR-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	11-APR-07		1
Solid	S	SW8260BTEX+MTBE	11-APR-07	40mL Vial+HCl	2
Solid	S	SW8270SIM-S	11-APR-07	100g Glass	2
Solid	S	TS	27-APR-07		

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
SA1351-19	JAX25-SB81-03	28-MAR-07 16:50	29-MAR-07			11-APR-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	11-APR-07		1
Solid	S	SW8260BTEX+MTBE	11-APR-07	40mL Vial+HCl	2
Solid	S	SW8270SIM-S	11-APR-07	100g Glass	2
Solid	S	TS	27-APR-07		

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
SA1351-20	JAX25-SB78-02	28-MAR-07 17:20	29-MAR-07			11-APR-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	11-APR-07		1
Solid	S	SW8260BTEX+MTBE	11-APR-07	40mL Vial+HCl	2
Solid	S	SW8270SIM-S	11-APR-07	100g Glass	2
Solid	S	TS	27-APR-07		

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
SA1351-21	JAX25-SB79-01	28-MAR-07 17:30	29-MAR-07			11-APR-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	11-APR-07		1
Solid	S	SW8260BTEX+MTBE	11-APR-07	40mL Vial+HCl	2
Solid	S	SW8270SIM-S	11-APR-07	100g Glass	2
Solid	S	TS	27-APR-07		

0000012

Katahdin
ANALYTICAL SERVICES

Katahdin Analytical Services

Login Chain of Custody Report (lno1)

Mar. 29, 2007
03:29 PM

Login Number: SA1351

Account: TETRAT001 Web
Tetra Tech NUS, Inc.

Project: TETRAT003001

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
SA1351-22	JAX25-SB102-03	28-MAR-07 17:45	29-MAR-07			11-APR-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	11-APR-07		1
Solid	S	SW8260BTEX+MTBE	11-APR-07	40mL Vial+HCl	2
Solid	S	SW8270SIM-S	11-APR-07	100g Glass	2
Solid	S	TS	27-APR-07		

SA1351-23	JAX25-SB103-03	28-MAR-07 17:55	29-MAR-07			11-APR-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	11-APR-07		1
Solid	S	SW8260BTEX+MTBE	11-APR-07	40mL Vial+HCl	2
Solid	S	SW8270SIM-S	11-APR-07	100g Glass	2
Solid	S	TS	27-APR-07		

SA1351-24	TRIP BLANK	12-FEB-07 11:15	29-MAR-07			11-APR-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	SW8260BTEX+MTBE	26-FEB-07	40mL Vial+HCl	2

***Total Samples:* 24** ***Total Analyses:* 93**

0000013

SAMPLE DATA SUMMARY PACKAGE

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 29-MAR-2007 13:02
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 72.0

Lab ID: SA1351-1
Client ID: JAX25-SB90-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37437
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
	m+p-Xylenes	U	4	1.0	10	12	4
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	U	6	1.0	15	18	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		116%				
17060-07-0	1,2-Dichloroethane-D4		126%				
2037-26-5	Toluene-D8		91%				
460-00-4	P-Bromofluorobenzene		101%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 29-MAR-2007 13:39
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.3

Lab ID: SA1351-2
Client ID: JAX25-SB91-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37437
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	1	1.0	5	5	1
71-43-2	Benzene	U	0.7	1.0	5	5	0.7
100-41-4	Ethylbenzene	U	0.6	1.0	5	5	0.6
	m+p-Xylenes	U	3	1.0	10	10	3
95-47-6	o-Xylene	U	1	1.0	5	5	1
1330-20-7	Xylenes (total)	U	4	1.0	15	15	4
1634-04-4	Methyl tert-butyl ether	U	1	1.0	5	5	1
1868-53-7	Dibromofluoromethane		93%				
17060-07-0	1,2-Dichloroethane-D4		106%				
2037-26-5	Toluene-D8		84%				
460-00-4	P-Bromofluorobenzene		101%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 29-MAR-2007 14:17
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 83.1

Lab ID: SA1351-3
Client ID: JAX25-SB92-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37437
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	1	1.0	5	5	1
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		85%				
17060-07-0	1,2-Dichloroethane-D4		100%				
2037-26-5	Toluene-D8		84%				
460-00-4	P-Bromofluorobenzene		83%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 29-MAR-2007 14:55
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 89.6

Lab ID: SA1351-4
Client ID: JAX25-SB93-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37437
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	I	3	1.0	5	6	1.0
	m+p-Xylenes	U	5	1.0	10	12	5
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	U	6	1.0	15	18	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		89%				
17060-07-0	1,2-Dichloroethane-D4		104%				
2037-26-5	Toluene-D8		85%				
460-00-4	P-Bromofluorobenzene		84%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 12:13
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 79.7

Lab ID: SA1351-5RA
Client ID: JAX25-SB86-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	1	1.0	5	6	1
	m+p-Xylenes	U	5	1.0	10	13	5
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	U	7	1.0	15	20	7
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		77%				
17060-07-0	1,2-Dichloroethane-D4		78%				
2037-26-5	Toluene-D8		88%				
460-00-4	P-Bromofluorobenzene		69%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 29-MAR-2007 16:10
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.0

Lab ID: SA1351-6
Client ID: JAX25-SB87-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37437
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		85%				
17060-07-0	1,2-Dichloroethane-D4		99%				
2037-26-5	Toluene-D8		79%				
460-00-4	P-Bromofluorobenzene		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 29-MAR-2007 16:47
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.5

Lab ID: SA1351-7
Client ID: JAX25-SB88-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37437
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		85%				
17060-07-0	1,2-Dichloroethane-D4		107%				
2037-26-5	Toluene-D8		85%				
460-00-4	P-Bromofluorobenzene		94%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 29-MAR-2007 17:25
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 93.2

Lab ID: SA1351-8
Client ID: JAX25-SB89-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37437
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	1.0	1.0	5	5	1.0
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		90%				
17060-07-0	1,2-Dichloroethane-D4		104%				
2037-26-5	Toluene-D8		75%				
460-00-4	P-Bromofluorobenzene		85%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 29-MAR-2007 18:02
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 89.5

Lab ID: SA1351-9
Client ID: JAX25-SB94-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37437
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	1.0	1.0	5	5	1.0
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	6	1.0	15	16	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		90%				
17060-07-0	1,2-Dichloroethane-D4		102%				
2037-26-5	Toluene-D8		84%				
460-00-4	P-Bromofluorobenzene		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 29-MAR-2007 18:40
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.9

Lab ID: SA1351-10
Client ID: JAX25-SB95-01
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37437
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
	m+p-Xylenes	U	4	1.0	10	11	4
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	U	6	1.0	15	16	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		97%				
17060-07-0	1,2-Dichloroethane-D4		105%				
2037-26-5	Toluene-D8		86%				
460-00-4	P-Bromofluorobenzene		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 29-MAR-2007 19:17
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 83.4

Lab ID: SA1351-11
Client ID: JAX25-SB97-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37437
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	1.0	1.0	5	5	1.0
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		78%				
17060-07-0	1,2-Dichloroethane-D4		90%				
2037-26-5	Toluene-D8		100%				
460-00-4	P-Bromofluorobenzene		101%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 29-MAR-2007 19:55
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 91.9

Lab ID: SA1351-12
Client ID: JAX25-SB96-01
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37437
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.8	1.0	5	5	0.8
100-41-4	Ethylbenzene		62	1.0	5	5	0.7
	m+p-Xylenes		100	1.0	10	10	4
95-47-6	o-Xylene		16	1.0	5	5	1
1330-20-7	Xylenes (total)		120	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		J147%				
17060-07-0	1,2-Dichloroethane-D4		J 0%				
2037-26-5	Toluene-D8		J 0%				
460-00-4	P-Bromofluorobenzene		49%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 19:45
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 91.9

Lab ID: SA1351-12RA
Client ID: JAX25-SB96-01
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene		40	1.0	5	5	0.8
	m+p-Xylenes		62	1.0	10	10	4
95-47-6	o-Xylene		11	1.0	5	5	2
1330-20-7	Xylenes (total)		73	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		68%				
17060-07-0	1,2-Dichloroethane-D4		69%				
2037-26-5	Toluene-D8		90%				
460-00-4	P-Bromofluorobenzene		60%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 05-APR-2007 20:29
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 91.9

Lab ID: SA1351-12DL
Client ID: JAX25-SB96-01
SDG: SA1351
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	98	1.0	5	260	98
71-43-2	Benzene	U	48	1.0	5	260	48
100-41-4	Ethylbenzene	I	85	1.0	5	260	42
	m+p-Xylenes	U	200	1.0	10	520	200
95-47-6	o-Xylene	U	80	1.0	5	260	80
1330-20-7	Xylenes (total)	U	280	1.0	15	780	280
1634-04-4	Methyl tert-butyl ether	U	90	1.0	5	260	90
1868-53-7	Dibromofluoromethane		82%				
17060-07-0	1,2-Dichloroethane-D4		89%				
2037-26-5	Toluene-D8		86%				
460-00-4	P-Bromofluorobenzene		82%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 12:50
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 76.0

Lab ID: SA1351-13
Client ID: JAX25-SB98-01
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	I	6	1.0	5	6	1
	m+p-Xylenes	U	5	1.0	10	12	5
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	U	7	1.0	15	19	7
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		62%				
17060-07-0	1,2-Dichloroethane-D4		65%				
2037-26-5	Toluene-D8		80%				
460-00-4	P-Bromofluorobenzene		78%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 13:28
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 94.0

Lab ID: SA1351-14
Client ID: JAX25-SB99-01
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene	U	0.7	1.0	5	5	0.7
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	1	1.0	5	5	1
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		71%				
17060-07-0	1,2-Dichloroethane-D4		68%				
2037-26-5	Toluene-D8		74%				
460-00-4	P-Bromofluorobenzene		82%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 14:05
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 72.9

Lab ID: SA1351-15
Client ID: JAX25-SB83-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	3	1.0	5	8	3
71-43-2	Benzene	U	2	1.0	5	8	2
100-41-4	Ethylbenzene	U	1	1.0	5	8	1
	m+p-Xylenes	U	6	1.0	10	16	6
95-47-6	o-Xylene	U	2	1.0	5	8	2
1330-20-7	Xylenes (total)	U	9	1.0	15	24	9
1634-04-4	Methyl tert-butyl ether	U	3	1.0	5	8	3
1868-53-7	Dibromofluoromethane		69%				
17060-07-0	1,2-Dichloroethane-D4		61%				
2037-26-5	Toluene-D8		79%				
460-00-4	P-Bromofluorobenzene		71%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 14:43
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.5

Lab ID: SA1351-16
Client ID: JAX25-SB84-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
	m+p-Xylenes	U	4	1.0	10	11	4
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	U	6	1.0	15	17	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		68%				
17060-07-0	1,2-Dichloroethane-D4		66%				
2037-26-5	Toluene-D8		76%				
460-00-4	P-Bromofluorobenzene		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 15:21
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 93.6

Lab ID: SA1351-17
Client ID: JAX25-SB85-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene		19	1.0	5	6	0.9
	m+p-Xylenes	I	7	1.0	10	11	4
95-47-6	o-Xylene		10	1.0	5	6	2
1330-20-7	Xylenes (total)	I	17	1.0	15	17	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		66%				
17060-07-0	1,2-Dichloroethane-D4		71%				
2037-26-5	Toluene-D8		65%				
460-00-4	P-Bromofluorobenzene		J2229%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 02-APR-2007 18:59
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 93.6

Lab ID: SA1351-17RA
Client ID: JAX25-SB85-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene		50	1.0	5	6	0.9
	m+p-Xylenes	I	11	1.0	10	11	4
95-47-6	o-Xylene		13	1.0	5	6	2
1330-20-7	Xylenes (total)		24	1.0	15	16	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		79%				
17060-07-0	1,2-Dichloroethane-D4		75%				
2037-26-5	Toluene-D8		84%				
460-00-4	P-Bromofluorobenzene		J2039%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 05-APR-2007 21:01
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 93.6

Lab ID: SA1351-17DL
Client ID: JAX25-SB85-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	110	1.0	5	290	110
71-43-2	Benzene	U	55	1.0	5	290	55
100-41-4	Ethylbenzene	U	47	1.0	5	290	47
	m+p-Xylenes	U	230	1.0	10	590	230
95-47-6	o-Xylene	U	91	1.0	5	290	91
1330-20-7	Xylenes (total)	U	310	1.0	15	880	310
1634-04-4	Methyl tert-butyl ether	U	100	1.0	5	290	100
1868-53-7	Dibromofluoromethane		82%				
17060-07-0	1,2-Dichloroethane-D4		82%				
2037-26-5	Toluene-D8		87%				
460-00-4	P-Bromofluorobenzene		J140%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 15:59
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.8

Lab ID: SA1351-18
Client ID: JAX25-SB82-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	1.0	1.0	5	5	1.0
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		68%				
17060-07-0	1,2-Dichloroethane-D4		62%				
2037-26-5	Toluene-D8		76%				
460-00-4	P-Bromofluorobenzene		80%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 16:36
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.9

Lab ID: SA1351-19
Client ID: JAX25-SB81-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
	m+p-Xylenes	U	4	1.0	10	11	4
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	U	6	1.0	15	17	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		68%				
17060-07-0	1,2-Dichloroethane-D4		70%				
2037-26-5	Toluene-D8		85%				
460-00-4	P-Bromofluorobenzene		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 17:14
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.7

Lab ID: SA1351-20
Client ID: JAX25-SB78-02
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		73%				
17060-07-0	1,2-Dichloroethane-D4		66%				
2037-26-5	Toluene-D8		86%				
460-00-4	P-Bromofluorobenzene		83%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 17:52
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 93.3

Lab ID: SA1351-21
Client ID: JAX25-SB79-01
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
	m+p-Xylenes	U	4	1.0	10	11	4
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	U	6	1.0	15	17	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		66%				
17060-07-0	1,2-Dichloroethane-D4		66%				
2037-26-5	Toluene-D8		77%				
460-00-4	P-Bromofluorobenzene		76%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 18:29
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 89.6

Lab ID: SA1351-22
Client ID: JAX25-SB102-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		88%				
17060-07-0	1,2-Dichloroethane-D4		90%				
2037-26-5	Toluene-D8		95%				
460-00-4	P-Bromofluorobenzene		103%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 02-APR-2007 13:22
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 89.6

Lab ID: SA1351-22RA
Client ID: JAX25-SB102-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		109%				
17060-07-0	1,2-Dichloroethane-D4		132%				
2037-26-5	Toluene-D8		85%				
460-00-4	P-Bromofluorobenzene		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 19:07
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.4

Lab ID: SA1351-23
Client ID: JAX25-SB103-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	1.0	1.0	5	5	1.0
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	6	1.0	15	16	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		71%				
17060-07-0	1,2-Dichloroethane-D4		69%				
2037-26-5	Toluene-D8		75%				
460-00-4	P-Bromofluorobenzene		82%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 02/12/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 15:56
Report Date: 04/11/2007
Matrix: WATER
% Solids: NA

Lab ID: SA1351-24
Client ID: TRIP BLANK
SDG: SA1351
Extracted by:
Extraction Method: SW846 5030
Analyst: DMF
Analysis Method: SW846 8260B
Lab Prep Batch: WG37470
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.4	1.0	1	1	0.4
71-43-2	Benzene	U	0.5	1.0	1	1	0.5
100-41-4	Ethylbenzene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	U	1.0	1.0	2	2	1.0
95-47-6	o-Xylene	U	0.4	1.0	1	1	0.4
1330-20-7	Xylenes (total)	U	1	1.0	3	3	1
1634-04-4	Methyl tert-butyl ether	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		94%				
17060-07-0	1,2-Dichloroethane-D4		96%				
2037-26-5	Toluene-D8		101%				
460-00-4	P-Bromofluorobenzene		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 29-MAR-2007 12:20
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 100

Lab ID: WG37437-2
Client ID: WG37437-Blank
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37437
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		90%				
17060-07-0	1,2-Dichloroethane-D4		99%				
2037-26-5	Toluene-D8		82%				
460-00-4	P-Bromofluorobenzene		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 30-MAR-2007 11:32
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 100

Lab ID: WG37454-2
Client ID: WG37454-Blank
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		68%				
17060-07-0	1,2-Dichloroethane-D4		66%				
2037-26-5	Toluene-D8		85%				
460-00-4	P-Bromofluorobenzene		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 02-APR-2007 12:27
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 100

Lab ID: WG37509-2
Client ID: WG37509-Blank
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		78%				
17060-07-0	1,2-Dichloroethane-D4		77%				
2037-26-5	Toluene-D8		80%				
460-00-4	P-Bromofluorobenzene		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 30-MAR-2007 13:04
Report Date: 04/11/2007
Matrix: WATER
% Solids: NA

Lab ID: WG37470-2
Client ID: WG37470-Blank
SDG: SA1351
Extracted by:
Extraction Method: SW846 5030
Analyst: DMF
Analysis Method: SW846 8260B
Lab Prep Batch: WG37470
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.4	1.0	1	1	0.4
71-43-2	Benzene	U	0.5	1.0	1	1	0.5
100-41-4	Ethylbenzene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	U	1.0	1.0	2	2	1.0
95-47-6	o-Xylene	U	0.4	1.0	1	1	0.4
1330-20-7	Xylenes (total)	U	1	1.0	3	3	1
1634-04-4	Methyl tert-butyl ether	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		90%				
17060-07-0	1,2-Dichloroethane-D4		92%				
2037-26-5	Toluene-D8		101%				
460-00-4	P-Bromofluorobenzene		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 05-APR-2007 13:44
Report Date: 04/11/2007
Matrix: WATER
% Solids: NA

Lab ID: WG37635-2
Client ID: WG37635-Blank
SDG: SA1351
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.4	1.0	1	1	0.4
71-43-2	Benzene	U	0.5	1.0	1	1	0.5
100-41-4	Ethylbenzene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	U	1.0	1.0	2	2	1.0
95-47-6	o-Xylene	U	0.4	1.0	1	1	0.4
1330-20-7	Xylenes (total)	U	1	1.0	3	3	1
1634-04-4	Methyl tert-butyl ether	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		87%				
17060-07-0	1,2-Dichloroethane-D4		88%				
2037-26-5	Toluene-D8		95%				
460-00-4	P-Bromofluorobenzene		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 05-APR-2007 14:16
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 100

Lab ID: WG37635-4
Client ID: WG37635-MeOHBlank
SDG: SA1351
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	94	1.0	5	250	94
71-43-2	Benzene	U	46	1.0	5	250	46
100-41-4	Ethylbenzene	U	40	1.0	5	250	40
	m+p-Xylenes	U	190	1.0	10	500	190
95-47-6	o-Xylene	U	77	1.0	5	250	77
1330-20-7	Xylenes (total)	U	270	1.0	15	750	270
1634-04-4	Methyl tert-butyl ether	U	87	1.0	5	250	87
1868-53-7	Dibromofluoromethane		88%				
17060-07-0	1,2-Dichloroethane-D4		89%				
2037-26-5	Toluene-D8		94%				
460-00-4	P-Bromofluorobenzene		91%				

FORM 2
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Level:(low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	WG37437-LCS	WG37437-1	85	96	89	93	0
02	WG37437-BLANK	WG37437-2	90	99	82	93	0
03	JAX25-SB90-03	SA1351-1	116	126	91	101	0
04	JAX25-SB91-03	SA1351-2	93	106	84	101	0
05	JAX25-SB92-03	SA1351-3	85	100	84	83	0
06	JAX25-SB93-03	SA1351-4	89	104	85	84	0
07	JAX25-SB87-03	SA1351-6	85	99	79	86	0
08	JAX25-SB88-03	SA1351-7	85	107	85	94	0
09	JAX25-SB89-03	SA1351-8	90	104	75	85	0
10	JAX25-SB94-03	SA1351-9	90	102	84	93	0
11	JAX25-SB95-01	SA1351-10	97	105	86	93	0
12	JAX25-SB97-03	SA1351-11	78	90	100	101	0
13	JAX25-SB96-01	SA1351-12	147J	0J	0J	49	3
14	WG37454-LCS	WG37454-1	76	62	91	90	0
15	WG37454-BLANK	WG37454-2	68	66	85	92	0
16	JAX25-SB86-03	SA1351-5RA	77	78	88	69	0
17	JAX25-SB98-01	SA1351-13	62	65	80	78	0
18	JAX25-SB99-01	SA1351-14	71	68	74	82	0
19	JAX25-SB83-03	SA1351-15	69	61	79	71	0
20	JAX25-SB84-03	SA1351-16	68	66	76	86	0
21	JAX25-SB85-03	SA1351-17	66	71	65	2229J	1
22	JAX25-SB82-03	SA1351-18	68	62	76	80	0
23	JAX25-SB81-03	SA1351-19	68	70	85	89	0
24	JAX25-SB78-02	SA1351-20	73	66	86	83	0
25	JAX25-SB79-01	SA1351-21	66	66	77	76	0
26	JAX25-SB102-03	SA1351-22	88	90	95	103	0
27	JAX25-SB103-03	SA1351-23	71	69	75	82	0
28	JAX25-SB96-01	SA1351-12RA	68	69	90	60	0

		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(51-138)
SMC2 (DCA)	= 1,2-Dichloroethane-D4	(58-136)
SMC3 (TOL)	= Toluene-D8	(46-128)
SMC4 (BFB)	= P-Bromofluorobenzene	(33-137)

Column to be used to flag recovery values

J Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 2
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Level:(low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	WG37509-LCS	WG37509-1	75	69	83	89	0
02	WG37509-BLANK	WG37509-2	78	77	80	96	0
03	JAX25-SB102-03	SA1351-22RA	109	132	85	98	0
04	JAX25-SB85-03	SA1351-17RA	79	75	84	2039J	1
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							

		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(51-138)
SMC2 (DCA)	= 1,2-Dichloroethane-D4	(58-136)
SMC3 (TOL)	= Toluene-D8	(46-128)
SMC4 (BFB)	= P-Bromofluorobenzene	(33-137)

Column to be used to flag recovery values

J Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 2
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Level:(low/med) MED

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	WG37635-MEOHLCS	WG37635-3	88	86	95	92	0
02	WG37635-MEOHBLANK	WG37635-4	88	89	94	91	0
03	JAX25-SB96-01	SA1351-12DL	82	89	86	82	0
04	JAX25-SB85-03	SA1351-17DL	82	82	87	140J	1
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							

		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(51-138)
SMC2 (DCA)	= 1,2-Dichloroethane-D4	(58-136)
SMC3 (TOL)	= Toluene-D8	(46-128)
SMC4 (BFB)	= P-Bromofluorobenzene	(33-137)

Column to be used to flag recovery values

J Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 2
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	WG37470-LCS	WG37470-1	91	90	100	96	0
02	WG37470-BLANK	WG37470-2	90	92	101	96	0
03	TRIP BLANK	SA1351-24	94	96	101	96	0
04	WG37635-LCS	WG37635-1	88	86	97	94	0
05	WG37635-BLANK	WG37635-2	87	88	95	93	0
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							

		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(64-133)
SMC2 (DCA)	= 1,2-Dichloroethane-D4	(63-148)
SMC3 (TOL)	= Toluene-D8	(78-121)
SMC4 (BFB)	= P-Bromofluorobenzene	(81-117)

Column to be used to flag recovery values

J Values outside of contract required QC limits

D System Monitoring Compound diluted out

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 03/29/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37437-1
Client ID: WG37437-LCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37437
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	68	137	10-200
Chloromethane	50	NA	49	98	50-130
Vinyl chloride	50	NA	52	105	16-149
Bromomethane	50	NA	56	111	29-151
Chloroethane	50	NA	59	119	50-127
Trichlorofluoromethane	50	NA	73	* 146	56-141
Diethyl Ether	50	NA	49	98	53-139
Tertiary-butyl alcohol	250	NA	222	89	60-146
1,1-Dichloroethene	50	NA	54	109	68-134
Carbon Disulfide	50	NA	47	94	54-154
Freon-113	50	NA	58	117	73-131
Iodomethane	50	NA	59	117	10-175
Acrolein	250	NA	246	98	46-154
Methylene Chloride	50	NA	48	96	65-139
Acetone	50	NA	53	106	20-160
Isobutyl Alcohol	1000	NA	817	82	50-145
trans-1,2-Dichloroethene	50	NA	52	103	67-139
Allyl Chloride	50	NA	53	106	51-180
Methyl tert-butyl ether	100	NA	104	104	83-128
Acetonitrile	500	NA	478	96	31-157
Di-isopropyl ether	50	NA	50	100	69-136
Chloroprene	50	NA	57	114	83-121
Methacrylonitrile	500	NA	484	97	66-137
Propionitrile	500	NA	451	90	38-157
1,1-Dichloroethane	50	NA	56	112	74-129
Acrylonitrile	250	NA	205	82	42-155
Ethyl tertiary-butyl ether	50	NA	45	91	77-129
Vinyl Acetate	50	NA	48	97	64-102
cis-1,2-Dichloroethene	50	NA	46	93	72-130
1,2-Dichloroethylene (total)	100	NA	98	98	70-134
Methyl Methacrylate	50	NA	48	96	80-130
2,2-Dichloropropane	50	NA	59	118	76-132
Bromochloromethane	50	NA	52	105	81-127
Chloroform	50	NA	59	117	80-125
Carbon Tetrachloride	50	NA	63	127	69-148
Tetrahydrofuran	50	NA	38	76	64-147
1,1,1-Trichloroethane	50	NA	56	113	83-130
1,1-Dichloropropene	50	NA	58	117	86-127
2-Butanone	50	NA	46	91	30-160
Benzene	50	NA	49	99	81-121
Cyclohexane	50	NA	53	106	64-138
Ethyl Methacrylate	50	NA	48	97	76-129
Tertiary-amyl methyl ether	50	NA	48	96	76-126
1,2-Dichloroethane	50	NA	62	125	69-148
Trichloroethene	50	NA	56	113	86-121

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 03/29/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37437-1
Client ID: WG37437-LCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37437
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dibromomethane	50	NA	56		112	75-131
1,2-Dichloropropane	50	NA	53		106	78-125
Bromodichloromethane	50	NA	57		114	78-123
cis-1,3-dichloropropene	50	NA	57		114	91-121
1,4-Dioxane	1000	NA	732		73	61-151
2-Chloroethylvinylether	50	NA	48		96	30-135
Toluene	50	NA	52		104	86-120
4-methyl-2-pentanone	50	NA	49		99	79-130
Tetrachloroethene	50	NA	48		95	74-136
trans-1,3-Dichloropropene	50	NA	59		118	88-134
1,1,2-Trichloroethane	50	NA	51		101	85-116
Dibromochloromethane	50	NA	55		110	81-120
1,3-Dichloropropane	50	NA	49		97	90-112
1,2-Dibromoethane	50	NA	53		106	89-119
2-Hexanone	50	NA	48		95	84-132
Chlorobenzene	50	NA	53		107	86-114
Ethylbenzene	50	NA	47		94	88-114
1,1,1,2-Tetrachloroethane	50	NA	56		112	83-126
Xylenes (total)	150	NA	153		102	84-118
m+p-Xylenes	100	NA	103		103	84-119
o-Xylene	50	NA	50		99	82-120
Styrene	50	NA	48		97	85-115
Bromoform	50	NA	54		108	84-124
Isopropylbenzene	50	NA	53		107	92-126
cis-1,4-Dichloro-2-Butene	50	NA	54		108	75-128
trans-1,4-Dichloro-2-Butene	50	NA	53		105	73-125
Bromobenzene	50	NA	48		97	84-116
N-Propylbenzene	50	NA	54		108	81-121
1,1,2,2-Tetrachloroethane	50	NA	47		94	74-128
1,3,5-Trimethylbenzene	50	NA	55		109	87-114
2-Chlorotoluene	50	NA	55		111	83-117
1,2,3-Trichloropropane	50	NA	70	*	141	38-138
4-Chlorotoluene	50	NA	52		104	84-117
tert-Butylbenzene	50	NA	54		107	72-128
Pentachloroethane	50	NA	52		103	75-119
1,2,4-Trimethylbenzene	50	NA	51		102	88-113
P-Isopropyltoluene	50	NA	55		111	85-123
1,3-Dichlorobenzene	50	NA	53		105	84-118
1,4-Dichlorobenzene	50	NA	55		110	87-117
N-Butylbenzene	50	NA	52		104	83-116
sec-Butylbenzene	50	NA	56		112	87-115
1,2-Dichlorobenzene	50	NA	48		96	86-114
1,2-Dibromo-3-Chloropropane	50	NA	56		111	83-117
1,3,5-Trichlorobenzene	50	NA	56		112	67-127
Hexachlorobutadiene	50	NA	57		115	77-122

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 03/29/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37437-1
Client ID: WG37437-LCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37437
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	55	110	74-124
1,2,3-Trimethylbenzene	50	NA	58	115	84-116
Naphthalene	50	NA	51	102	29-166
1,2,3-Trichlorobenzene	50	NA	49	97	45-155
Methyl Acetate	50	NA	53	106	36-185
Methylcyclohexane	50	NA	45	91	68-131
1-Chlorohexane	50	NA	50	100	70-130
Total Alkylbenzenes	400	NA	377	94	60-140

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 03/30/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37454-1
Client ID: WG37454-LCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	47	94	10-200
Chloromethane	50	NA	44	87	50-130
Vinyl chloride	50	NA	42	85	16-149
Bromomethane	50	NA	42	84	29-151
Chloroethane	50	NA	46	91	50-127
Trichlorofluoromethane	50	NA	44	89	56-141
Diethyl Ether	50	NA	46	91	53-139
Tertiary-butyl alcohol	250	NA	238	95	60-146
1,1-Dichloroethene	50	NA	43	86	68-134
Carbon Disulfide	50	NA	39	77	54-154
Freon-113	50	NA	47	95	73-131
Iodomethane	50	NA	49	98	10-175
Acrolein	250	NA	258	103	46-154
Methylene Chloride	50	NA	40	81	65-139
Acetone	50	NA	38	77	20-160
Isobutyl Alcohol	1000	NA	1100	110	50-145
trans-1,2-Dichloroethene	50	NA	46	92	67-139
Allyl Chloride	50	NA	48	96	51-180
Methyl tert-butyl ether	100	NA	90	90	83-128
Acetonitrile	500	NA	511	102	31-157
Di-isopropyl ether	50	NA	46	92	69-136
Chloroprene	50	NA	46	92	83-121
Methacrylonitrile	500	NA	525	105	66-137
Propionitrile	500	NA	516	103	38-157
1,1-Dichloroethane	50	NA	47	94	74-129
Acrylonitrile	250	NA	237	95	42-155
Ethyl tertiary-butyl ether	50	NA	49	98	77-129
Vinyl Acetate	50	NA	44	88	64-102
cis-1,2-Dichloroethene	50	NA	50	100	72-130
1,2-Dichloroethylene (total)	100	NA	96	96	70-134
Methyl Methacrylate	50	NA	50	100	80-130
2,2-Dichloropropane	50	NA	48	97	76-132
Bromochloromethane	50	NA	53	106	81-127
Chloroform	50	NA	50	101	80-125
Carbon Tetrachloride	50	NA	46	91	69-148
Tetrahydrofuran	50	NA	49	98	64-147
1,1,1-Trichloroethane	50	NA	47	94	83-130
1,1-Dichloropropene	50	NA	50	101	86-127
2-Butanone	50	NA	49	98	30-160
Benzene	50	NA	51	102	81-121
Cyclohexane	50	NA	54	109	64-138
Ethyl Methacrylate	50	NA	55	110	76-129
Tertiary-amyl methyl ether	50	NA	47	95	76-126
1,2-Dichloroethane	50	NA	44	88	69-148
Trichloroethene	50	NA	51	102	86-121

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 03/30/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37454-1
Client ID: WG37454-LCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dibromomethane	50	NA	48	96	75-131
1,2-Dichloropropane	50	NA	46	92	78-125
Bromodichloromethane	50	NA	45	90	78-123
cis-1,3-dichloropropene	50	NA	51	102	91-121
1,4-Dioxane	1000	NA	1070	107	61-151
2-Chloroethylvinylether	50	NA	58	116	30-135
Toluene	50	NA	53	106	86-120
4-methyl-2-pentanone	50	NA	50	100	79-130
Tetrachloroethene	50	NA	48	96	74-136
trans-1,3-Dichloropropene	50	NA	54	108	88-134
1,1,2-Trichloroethane	50	NA	50	101	85-116
Dibromochloromethane	50	NA	44	89	81-120
1,3-Dichloropropane	50	NA	48	97	90-112
1,2-Dibromoethane	50	NA	50	99	89-119
2-Hexanone	50	NA	49	98	84-132
Chlorobenzene	50	NA	51	101	86-114
Ethylbenzene	50	NA	47	95	88-114
1,1,1,2-Tetrachloroethane	50	NA	49	98	83-126
Xylenes (total)	150	NA	139	93	84-118
m+p-Xylenes	100	NA	92	92	84-119
o-Xylene	50	NA	47	94	82-120
Styrene	50	NA	49	99	85-115
Bromoform	50	NA	48	96	84-124
Isopropylbenzene	50	NA	54	108	92-126
cis-1,4-Dichloro-2-Butene	50	NA	44	87	75-128
trans-1,4-Dichloro-2-Butene	50	NA	46	92	73-125
Bromobenzene	50	NA	49	98	84-116
N-Propylbenzene	50	NA	51	102	81-121
1,1,2,2-Tetrachloroethane	50	NA	49	99	74-128
1,3,5-Trimethylbenzene	50	NA	48	96	87-114
2-Chlorotoluene	50	NA	50	100	83-117
1,2,3-Trichloropropane	50	NA	48	96	38-138
4-Chlorotoluene	50	NA	48	95	84-117
tert-Butylbenzene	50	NA	54	108	72-128
Pentachloroethane	50	NA	49	99	75-119
1,2,4-Trimethylbenzene	50	NA	48	96	88-113
P-Isopropyltoluene	50	NA	49	98	85-123
1,3-Dichlorobenzene	50	NA	50	100	84-118
1,4-Dichlorobenzene	50	NA	51	102	87-117
N-Butylbenzene	50	NA	48	96	83-116
sec-Butylbenzene	50	NA	52	105	87-115
1,2-Dichlorobenzene	50	NA	47	94	86-114
1,2-Dibromo-3-Chloropropane	50	NA	46	91	83-117
1,3,5-Trichlorobenzene	50	NA	54	108	67-127
Hexachlorobutadiene	50	NA	52	104	77-122

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 03/30/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37454-1
Client ID: WG37454-LCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	52	104	74-124
1,2,3-Trimethylbenzene	50	NA	53	106	84-116
Naphthalene	50	NA	47	95	29-166
1,2,3-Trichlorobenzene	50	NA	54	109	45-155
Methyl Acetate	50	NA	51	103	36-185
Methylcyclohexane	50	NA	48	96	68-131
1-Chlorohexane	50	NA	53	106	70-130
Total Alkylbenzenes	400	NA	350	88	60-140

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/02/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37509-1
Client ID: WG37509-LCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	43	86	10-200
Chloromethane	50	NA	42	85	50-130
Vinyl chloride	50	NA	38	77	16-149
Bromomethane	50	NA	39	78	29-151
Chloroethane	50	NA	42	83	50-127
Trichlorofluoromethane	50	NA	41	82	56-141
Diethyl Ether	50	NA	39	79	53-139
Tertiary-butyl alcohol	250	NA	208	83	60-146
1,1-Dichloroethene	50	NA	40	80	68-134
Carbon Disulfide	50	NA	37	74	54-154
Freon-113	50	NA	40	80	73-131
Iodomethane	50	NA	47	94	10-175
Acrolein	250	NA	221	88	46-154
Methylene Chloride	50	NA	38	76	65-139
Acetone	50	NA	41	81	20-160
Isobutyl Alcohol	1000	NA	943	94	50-145
trans-1,2-Dichloroethene	50	NA	44	87	67-139
Allyl Chloride	50	NA	43	86	51-180
Methyl tert-butyl ether	100	NA	84	84	83-128
Acetonitrile	500	NA	401	80	31-157
Di-isopropyl ether	50	NA	42	83	69-136
Chloroprene	50	NA	43	85	83-121
Methacrylonitrile	500	NA	451	90	66-137
Propionitrile	500	NA	446	89	38-157
1,1-Dichloroethane	50	NA	49	97	74-129
Acrylonitrile	250	NA	195	78	42-155
Ethyl tertiary-butyl ether	50	NA	46	91	77-129
Vinyl Acetate	50	NA	45	90	64-102
cis-1,2-Dichloroethene	50	NA	46	91	72-130
1,2-Dichloroethylene (total)	100	NA	89	89	70-134
Methyl Methacrylate	50	NA	43	86	80-130
2,2-Dichloropropane	50	NA	48	96	76-132
Bromochloromethane	50	NA	51	101	81-127
Chloroform	50	NA	48	97	80-125
Carbon Tetrachloride	50	NA	47	94	69-148
Tetrahydrofuran	50	NA	46	92	64-147
1,1,1-Trichloroethane	50	NA	47	95	83-130
1,1-Dichloropropene	50	NA	50	99	86-127
2-Butanone	50	NA	44	89	30-160
Benzene	50	NA	52	103	81-121
Cyclohexane	50	NA	48	95	64-138
Ethyl Methacrylate	50	NA	48	96	76-129
Tertiary-amyl methyl ether	50	NA	46	92	76-126
1,2-Dichloroethane	50	NA	47	94	69-148
Trichloroethene	50	NA	49	98	86-121

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/02/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37509-1
Client ID: WG37509-LCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dibromomethane	50	NA	48	96	75-131
1,2-Dichloropropane	50	NA	51	102	78-125
Bromodichloromethane	50	NA	47	94	78-123
cis-1,3-dichloropropene	50	NA	50	99	91-121
1,4-Dioxane	1000	NA	792	79	61-151
2-Chloroethylvinylether	50	NA	51	102	30-135
Toluene	50	NA	50	100	86-120
4-methyl-2-pentanone	50	NA	44	89	79-130
Tetrachloroethene	50	NA	48	96	74-136
trans-1,3-Dichloropropene	50	NA	53	107	88-134
1,1,2-Trichloroethane	50	NA	48	96	85-116
Dibromochloromethane	50	NA	47	93	81-120
1,3-Dichloropropane	50	NA	49	97	90-112
1,2-Dibromoethane	50	NA	50	101	89-119
2-Hexanone	50	NA	50	99	84-132
Chlorobenzene	50	NA	52	103	86-114
Ethylbenzene	50	NA	51	102	88-114
1,1,1,2-Tetrachloroethane	50	NA	51	103	83-126
Xylenes (total)	150	NA	146	97	84-118
m+p-Xylenes	100	NA	98	98	84-119
o-Xylene	50	NA	48	96	82-120
Styrene	50	NA	45	90	85-115
Bromoform	50	NA	49	97	84-124
Isopropylbenzene	50	NA	54	108	92-126
cis-1,4-Dichloro-2-Butene	50	NA	42	85	75-128
trans-1,4-Dichloro-2-Butene	50	NA	41	81	73-125
Bromobenzene	50	NA	47	94	84-116
N-Propylbenzene	50	NA	48	97	81-121
1,1,2,2-Tetrachloroethane	50	NA	48	97	74-128
1,3,5-Trimethylbenzene	50	NA	47	94	87-114
2-Chlorotoluene	50	NA	47	94	83-117
1,2,3-Trichloropropane	50	NA	65	129	38-138
4-Chlorotoluene	50	NA	47	94	84-117
tert-Butylbenzene	50	NA	49	98	72-128
Pentachloroethane	50	NA	44	88	75-119
1,2,4-Trimethylbenzene	50	NA	47	94	88-113
P-Isopropyltoluene	50	NA	46	93	85-123
1,3-Dichlorobenzene	50	NA	48	95	84-118
1,4-Dichlorobenzene	50	NA	52	104	87-117
N-Butylbenzene	50	NA	48	96	83-116
sec-Butylbenzene	50	NA	46	92	87-115
1,2-Dichlorobenzene	50	NA	46	92	86-114
1,2-Dibromo-3-Chloropropane	50	NA	48	95	83-117
1,3,5-Trichlorobenzene	50	NA	51	101	67-127
Hexachlorobutadiene	50	NA	47	94	77-122

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/02/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37509-1
Client ID: WG37509-LCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	50	99	74-124
1,2,3-Trimethylbenzene	50	NA	50	99	84-116
Naphthalene	50	NA	44	88	29-166
1,2,3-Trichlorobenzene	50	NA	47	95	45-155
Methyl Acetate	50	NA	44	88	36-185
Methylcyclohexane	50	NA	43	86	68-131
1-Chlorohexane	50	NA	46	91	70-130
Total Alkylbenzenes	400	NA	332	83	60-140

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 03/30/07
Report Date: 04/11/2007
Matrix: WATER

Lab ID: WG37470-1
Client ID: WG37470-LCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5030
Analyst: DMF
Analysis Method: SW846 8260B
Lab Prep Batch: WG37470
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	37		75	10-200
Chloromethane	50	NA	38		76	40-125
Vinyl chloride	50	NA	41		83	27-143
Bromomethane	50	NA	44		88	52-141
Chloroethane	50	NA	51		102	64-124
Trichlorofluoromethane	50	NA	61		122	63-153
Diethyl Ether	50	NA	49		99	63-146
Tertiary-butyl alcohol	250	NA	230		92	50-150
1,1-Dichloroethene	50	NA	46		91	85-129
Carbon Disulfide	50	NA	36	*	72	80-134
Freon-113	50	NA	56		112	79-129
Iodomethane	50	NA	54		108	67-144
Acrolein	250	NA	233		93	10-200
Methylene Chloride	50	NA	45		90	86-124
Acetone	50	NA	46		92	41-180
Isobutyl Alcohol	1000	NA	931		93	20-176
trans-1,2-Dichloroethene	50	NA	47		93	80-128
Allyl Chloride	50	NA	52		104	68-133
Methyl tert-butyl ether	100	NA	99		99	79-132
Acetonitrile	500	NA	484		97	35-171
Di-isopropyl ether	50	NA	50		99	82-122
Chloroprene	50	NA	52		104	77-133
Methacrylonitrile	500	NA	464		93	73-137
Propionitrile	500	NA	453		91	54-148
1,1-Dichloroethane	50	NA	49		99	90-127
Acrylonitrile	250	NA	227		91	70-135
Ethyl tertiary-butyl ether	50	NA	48		97	84-122
Vinyl Acetate	50	NA	63	*	127	47-122
cis-1,2-Dichloroethene	50	NA	45		89	84-121
1,2-Dichloroethylene (total)	100	NA	91		91	83-123
Methyl Methacrylate	50	NA	49		98	73-133
2,2-Dichloropropane	50	NA	52		103	68-149
Bromochloromethane	50	NA	47		94	87-120
Chloroform	50	NA	52		103	87-127
Carbon Tetrachloride	50	NA	59		117	74-149
Tetrahydrofuran	50	NA	42		85	46-154
1,1,1-Trichloroethane	50	NA	52		104	76-145
1,1-Dichloropropene	50	NA	53		105	87-130
2-Butanone	50	NA	42		85	30-150
Benzene	50	NA	50		99	90-116
Cyclohexane	50	NA	47		94	70-130
Ethyl Methacrylate	50	NA	54		108	60-138
Tertiary-amyl methyl ether	50	NA	48		95	82-118
1,2-Dichloroethane	50	NA	51		102	71-149
Trichloroethene	50	NA	50		100	83-132

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 03/30/07
Report Date: 04/11/2007
Matrix: WATER

Lab ID: WG37470-1
Client ID: WG37470-LCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5030
Analyst: DMF
Analysis Method: SW846 8260B
Lab Prep Batch: WG37470
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dibromomethane	50	NA	48	97	76-132
1,2-Dichloropropane	50	NA	49	99	95-112
Bromodichloromethane	50	NA	52	104	76-132
cis-1,3-dichloropropene	50	NA	51	102	85-127
1,4-Dioxane	1000	NA	992	99	10-125
2-Chloroethylvinylether	50	NA	56	111	20-137
Toluene	50	NA	52	104	85-122
4-methyl-2-pentanone	50	NA	49	98	63-154
Tetrachloroethene	50	NA	53	107	48-155
trans-1,3-Dichloropropene	50	NA	54	108	85-144
1,1,2-Trichloroethane	50	NA	49	99	78-124
Dibromochloromethane	50	NA	54	109	63-128
1,3-Dichloropropane	50	NA	50	101	65-127
1,2-Dibromoethane	50	NA	49	98	75-129
2-Hexanone	50	NA	49	97	47-160
Chlorobenzene	50	NA	51	101	68-128
Ethylbenzene	50	NA	55	110	76-124
1,1,1,2-Tetrachloroethane	50	NA	55	110	69-133
Xylenes (total)	150	NA	160	107	67-129
m+p-Xylenes	100	NA	107	107	68-127
o-Xylene	50	NA	53	105	64-133
Styrene	50	NA	51	102	66-130
Bromoform	50	NA	54	107	59-135
Isopropylbenzene	50	NA	58	116	95-140
cis-1,4-Dichloro-2-Butene	50	NA	50	100	56-155
trans-1,4-Dichloro-2-Butene	50	NA	50	100	66-151
Bromobenzene	50	NA	47	94	86-122
N-Propylbenzene	50	NA	54	107	92-124
1,1,2,2-Tetrachloroethane	50	NA	48	95	75-128
1,3,5-Trimethylbenzene	50	NA	52	105	86-127
2-Chlorotoluene	50	NA	50	101	84-129
1,2,3-Trichloropropane	50	NA	49	98	57-145
4-Chlorotoluene	50	NA	50	100	83-129
tert-Butylbenzene	50	NA	54	107	86-131
Pentachloroethane	50	NA	51	102	22-197
1,2,4-Trimethylbenzene	50	NA	53	105	85-124
P-Isopropyltoluene	50	NA	56	112	84-131
1,3-Dichlorobenzene	50	NA	53	106	81-121
1,4-Dichlorobenzene	50	NA	53	106	81-120
N-Butylbenzene	50	NA	54	108	67-138
sec-Butylbenzene	50	NA	55	109	82-128
1,2-Dichlorobenzene	50	NA	49	98	74-124
1,2-Dibromo-3-Chloropropane	50	NA	52	104	55-151
1,3,5-Trichlorobenzene	50	NA	50	99	77-122
Hexachlorobutadiene	50	NA	49	98	75-119

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 03/30/07
Report Date: 04/11/2007
Matrix: WATER

Lab ID: WG37470-1
Client ID: WG37470-LCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5030
Analyst: DMF
Analysis Method: SW846 8260B
Lab Prep Batch: WG37470
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	48	96	64-125
1,2,3-Trimethylbenzene	50	NA	52	105	84-122
Naphthalene	50	NA	48	95	40-137
1,2,3-Trichlorobenzene	50	NA	48	96	38-140
Methyl Acetate	50	NA	38	76	61-168
Methylcyclohexane	50	NA	48	97	81-130
1-Chlorohexane	50	NA	47	94	80-120
Total Alkylbenzenes	350	NA	377	108	60-140

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/05/07
Report Date: 04/11/2007
Matrix: WATER

Lab ID: WG37635-1
Client ID: WG37635-LCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	76		151	10-200
Chloromethane	50	NA	63	*	126	40-125
Vinyl chloride	50	NA	61		123	27-143
Bromomethane	50	NA	54		107	52-141
Chloroethane	50	NA	59		118	64-124
Trichlorofluoromethane	50	NA	72		144	63-153
Diethyl Ether	50	NA	49		97	63-146
Tertiary-butyl alcohol	250	NA	202		81	50-150
1,1-Dichloroethene	50	NA	49		98	85-129
Carbon Disulfide	50	NA	38	*	75	80-134
Freon-113	50	NA	52		104	79-129
Iodomethane	50	NA	59		117	67-144
Acrolein	250	NA	303		121	10-200
Methylene Chloride	50	NA	46		93	86-124
Acetone	50	NA	44		89	41-180
Isobutyl Alcohol	1000	NA	869		87	20-176
trans-1,2-Dichloroethene	50	NA	50		100	80-128
Allyl Chloride	50	NA	49		98	68-133
Methyl tert-butyl ether	100	NA	97		97	79-132
Acetonitrile	500	NA	457		91	35-171
Di-isopropyl ether	50	NA	49		99	82-122
Chloroprene	50	NA	49		98	77-133
Methacrylonitrile	500	NA	460		92	73-137
Propionitrile	500	NA	446		89	54-148
1,1-Dichloroethane	50	NA	51		101	90-127
Acrylonitrile	250	NA	229		92	70-135
Ethyl tertiary-butyl ether	50	NA	47		95	84-122
Vinyl Acetate	50	NA	62	*	125	47-122
cis-1,2-Dichloroethene	50	NA	45		90	84-121
1,2-Dichloroethylene (total)	100	NA	95		95	83-123
Methyl Methacrylate	50	NA	48		95	73-133
2,2-Dichloropropane	50	NA	50		101	68-149
Bromochloromethane	50	NA	47		94	87-120
Chloroform	50	NA	51		102	87-127
Carbon Tetrachloride	50	NA	58		116	74-149
Tetrahydrofuran	50	NA	44		88	46-154
1,1,1-Trichloroethane	50	NA	52		104	76-145
1,1-Dichloropropene	50	NA	54		107	87-130
2-Butanone	50	NA	42		83	30-150
Benzene	50	NA	50		101	90-116
Cyclohexane	50	NA	53		106	70-130
Ethyl Methacrylate	50	NA	52		104	60-138
Tertiary-amyl methyl ether	50	NA	47		94	82-118
1,2-Dichloroethane	50	NA	51		102	71-149
Trichloroethene	50	NA	50		101	83-132

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/05/07
Report Date: 04/11/2007
Matrix: WATER

Lab ID: WG37635-1
Client ID: WG37635-LCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dibromomethane	50	NA	48	97	76-132
1,2-Dichloropropane	50	NA	51	103	95-112
Bromodichloromethane	50	NA	51	102	76-132
cis-1,3-dichloropropene	50	NA	51	102	85-127
1,4-Dioxane	1000	NA	833	83	10-125
2-Chloroethylvinylether	50	NA	49	97	20-137
Toluene	50	NA	52	104	85-122
4-methyl-2-pentanone	50	NA	50	101	63-154
Tetrachloroethene	50	NA	54	108	48-155
trans-1,3-Dichloropropene	50	NA	54	107	85-144
1,1,2-Trichloroethane	50	NA	50	100	78-124
Dibromochloromethane	50	NA	52	105	63-128
1,3-Dichloropropane	50	NA	52	103	65-127
1,2-Dibromoethane	50	NA	49	97	75-129
2-Hexanone	50	NA	48	96	47-160
Chlorobenzene	50	NA	50	100	68-128
Ethylbenzene	50	NA	52	104	76-124
1,1,1,2-Tetrachloroethane	50	NA	55	109	69-133
Xylenes (total)	150	NA	160	107	67-129
m+p-Xylenes	100	NA	106	106	68-127
o-Xylene	50	NA	54	107	64-133
Styrene	50	NA	50	101	66-130
Bromoform	50	NA	51	103	59-135
Isopropylbenzene	50	NA	59	117	95-140
cis-1,4-Dichloro-2-Butene	50	NA	49	99	56-155
trans-1,4-Dichloro-2-Butene	50	NA	49	97	66-151
Bromobenzene	50	NA	48	96	86-122
N-Propylbenzene	50	NA	54	108	92-124
1,1,2,2-Tetrachloroethane	50	NA	49	99	75-128
1,3,5-Trimethylbenzene	50	NA	53	105	86-127
2-Chlorotoluene	50	NA	52	105	84-129
1,2,3-Trichloropropane	50	NA	49	98	57-145
4-Chlorotoluene	50	NA	51	102	83-129
tert-Butylbenzene	50	NA	53	106	86-131
Pentachloroethane	50	NA	50	100	22-197
1,2,4-Trimethylbenzene	50	NA	53	105	85-124
P-Isopropyltoluene	50	NA	54	108	84-131
1,3-Dichlorobenzene	50	NA	52	103	81-121
1,4-Dichlorobenzene	50	NA	52	105	81-120
N-Butylbenzene	50	NA	52	104	67-138
sec-Butylbenzene	50	NA	54	107	82-128
1,2-Dichlorobenzene	50	NA	49	98	74-124
1,2-Dibromo-3-Chloropropane	50	NA	44	88	55-151
1,3,5-Trichlorobenzene	50	NA	49	98	77-122
Hexachlorobutadiene	50	NA	45	91	75-119

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/05/07
Report Date: 04/11/2007
Matrix: WATER

Lab ID: WG37635-1
Client ID: WG37635-LCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	47	94	64-125
1,2,3-Trimethylbenzene	50	NA	52	103	84-122
Naphthalene	50	NA	46	91	40-137
1,2,3-Trichlorobenzene	50	NA	46	92	38-140
Methyl Acetate	50	NA	37	73	61-168
Methylcyclohexane	50	NA	46	91	81-130
1-Chlorohexane	50	NA	50	101	80-120
Total Alkylbenzenes	350	NA	372	106	60-140

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/05/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37635-3
Client ID: WG37635-MeOHLCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dichlorodifluoromethane	2500	NA	3820		153	10-200
Chloromethane	2500	NA	3100		124	40-125
Vinyl chloride	2500	NA	3160		126	27-143
Bromomethane	2500	NA	2060		82	52-141
Chloroethane	2500	NA	2200		88	64-124
Trichlorofluoromethane	2500	NA	1720		69	63-153
Diethyl Ether	2500	NA	964	*	38	63-146
Tertiary-butyl alcohol		NA				50-150
1,1-Dichloroethene	2500	NA	1630	*	65	85-129
Carbon Disulfide	2500	NA	1660	*	66	80-134
Freon-113	2500	NA	2330		93	79-129
Iodomethane	2500	NA	2130		85	67-144
Acrolein	12500	NA	14500		116	10-200
Methylene Chloride	2500	NA	2050	*	82	86-124
Acetone	2500	NA	2080		83	41-180
Isobutyl Alcohol	50000	NA	2580	*	5	20-176
trans-1,2-Dichloroethene	2500	NA	2410		96	80-128
Allyl Chloride	2500	NA	2520		101	68-133
Methyl tert-butyl ether	5000	NA	4790		96	79-132
Acetonitrile	25000	NA	9820		39	35-171
Di-isopropyl ether	2500	NA	2480		99	82-122
Chloroprene	2500	NA	2580		103	77-133
Methacrylonitrile	25000	NA	22600		90	73-137
Propionitrile	25000	NA	22500		90	54-148
1,1-Dichloroethane	2500	NA	2620		105	90-127
Acrylonitrile	12500	NA	11600		93	70-135
Ethyl tertiary-butyl ether	2500	NA	2420		97	84-122
Vinyl Acetate	2500	NA	3150	*	126	47-122
cis-1,2-Dichloroethene	2500	NA	2330		93	84-121
1,2-Dichloroethylene (total)	5000	NA	4750		95	83-123
Methyl Methacrylate	2500	NA	2280		91	73-133
2,2-Dichloropropane	2500	NA	2720		109	68-149
Bromochloromethane	2500	NA	2260		90	87-120
Chloroform	2500	NA	2620		105	87-127
Carbon Tetrachloride	2500	NA	2940		118	74-149
Tetrahydrofuran	2500	NA	2160		86	46-154
1,1,1-Trichloroethane	2500	NA	2700		108	76-145
1,1-Dichloropropene	2500	NA	2740		110	87-130
2-Butanone	2500	NA	2120		85	30-150
Benzene	2500	NA	2590		104	90-116
Cyclohexane	2500	NA	2740		110	70-130
Ethyl Methacrylate	2500	NA	2650		106	60-138
Tertiary-amyl methyl ether	2500	NA	2320		93	82-118
1,2-Dichloroethane	2500	NA	2580		103	71-149
Trichloroethene	2500	NA	2510		100	83-132

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/05/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37635-3
Client ID: WG37635-MeOHLCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dibromomethane	2500	NA	2390	96	76-132
1,2-Dichloropropane	2500	NA	2600	104	95-112
Bromodichloromethane	2500	NA	2560	102	76-132
cis-1,3-dichloropropene	2500	NA	2560	102	85-127
1,4-Dioxane	50000	NA	46000	92	10-125
2-Chloroethylvinylether	2500	NA	2880	115	20-137
Toluene	2500	NA	2610	104	85-122
4-methyl-2-pentanone	2500	NA	2390	96	63-154
Tetrachloroethene	2500	NA	2750	110	48-155
trans-1,3-Dichloropropene	2500	NA	2670	107	85-144
1,1,2-Trichloroethane	2500	NA	2530	101	78-124
Dibromochloromethane	2500	NA	2570	103	63-128
1,3-Dichloropropane	2500	NA	2530	101	65-127
1,2-Dibromoethane	2500	NA	2430	97	75-129
2-Hexanone	2500	NA	2290	92	47-160
Chlorobenzene	2500	NA	2500	100	68-128
Ethylbenzene	2500	NA	2590	104	76-124
1,1,1,2-Tetrachloroethane	2500	NA	2680	107	69-133
Xylenes (total)	7500	NA	7900	105	67-129
m+p-Xylenes	5000	NA	5260	105	68-127
o-Xylene	2500	NA	2640	106	64-133
Styrene	2500	NA	2510	100	66-130
Bromoform	2500	NA	2440	98	59-135
Isopropylbenzene	2500	NA	2960	118	95-140
cis-1,4-Dichloro-2-Butene	2500	NA	2540	102	56-155
trans-1,4-Dichloro-2-Butene	2500	NA	2470	99	66-151
Bromobenzene	2500	NA	2370	95	86-122
N-Propylbenzene	2500	NA	2720	109	92-124
1,1,2,2-Tetrachloroethane	2500	NA	2390	96	75-128
1,3,5-Trimethylbenzene	2500	NA	2670	107	86-127
2-Chlorotoluene	2500	NA	2620	105	84-129
1,2,3-Trichloropropane	2500	NA	2360	94	57-145
4-Chlorotoluene	2500	NA	2570	103	83-129
tert-Butylbenzene	2500	NA	2680	107	86-131
Pentachloroethane	2500	NA	2580	103	22-197
1,2,4-Trimethylbenzene	2500	NA	2720	109	85-124
P-Isopropyltoluene	2500	NA	2780	111	84-131
1,3-Dichlorobenzene	2500	NA	2650	106	81-121
1,4-Dichlorobenzene	2500	NA	2690	108	81-120
N-Butylbenzene	2500	NA	2720	109	67-138
sec-Butylbenzene	2500	NA	2720	109	82-128
1,2-Dichlorobenzene	2500	NA	2520	101	74-124
1,2-Dibromo-3-Chloropropane	2500	NA	2230	89	55-151
1,3,5-Trichlorobenzene	2500	NA	2630	105	77-122
Hexachlorobutadiene	2500	NA	2500	100	75-119

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/05/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37635-3
Client ID: WG37635-MeOHLCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	2500	NA	2470		99	64-125
1,2,3-Trimethylbenzene	2500	NA	2690		108	84-122
Naphthalene	2500	NA	2320		93	40-137
1,2,3-Trichlorobenzene	2500	NA	2400		96	38-140
Methyl Acetate	2500	NA	864	*	34	61-168
Methylcyclohexane	2500	NA	2400		96	81-130
1-Chlorohexane	2500	NA	2570		103	80-120
Total Alkylbenzenes	17500	NA	19000		108	60-140

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG37437-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: F5083 Lab Sample ID: WG37437-2

Date Analyzed: 03/29/07 Time Analyzed: 1220

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: GCMS-F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG37437-LCS	WG37437-1	F5081	03/29/07	1100
02	JAX25-SB90-03	SA1351-1	F5084	03/29/07	1302
03	JAX25-SB91-03	SA1351-2	F5085	03/29/07	1339
04	JAX25-SB92-03	SA1351-3	F5086	03/29/07	1417
05	JAX25-SB93-03	SA1351-4	F5087	03/29/07	1455
06	JAX25-SB87-03	SA1351-6	F5089	03/29/07	1610
07	JAX25-SB88-03	SA1351-7	F5090	03/29/07	1647
08	JAX25-SB89-03	SA1351-8	F5091	03/29/07	1725
09	JAX25-SB94-03	SA1351-9	F5092	03/29/07	1802
10	JAX25-SB95-01	SA1351-10	F5093	03/29/07	1840
11	JAX25-SB97-03	SA1351-11	F5094	03/29/07	1917
12	JAX25-SB96-01	SA1351-12	F5095	03/29/07	1955
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IVVOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG37454-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: F5102 Lab Sample ID: WG37454-2

Date Analyzed: 03/30/07 Time Analyzed: 1132

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: GCMS-F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG37454-LCS	WG37454-1	F5100	03/30/07	1012
02	JAX25-SB86-03	SA1351-5RA	F5103	03/30/07	1213
03	JAX25-SB98-01	SA1351-13	F5104	03/30/07	1250
04	JAX25-SB99-01	SA1351-14	F5105	03/30/07	1328
05	JAX25-SB83-03	SA1351-15	F5106	03/30/07	1405
06	JAX25-SB84-03	SA1351-16	F5107	03/30/07	1443
07	JAX25-SB85-03	SA1351-17	F5108	03/30/07	1521
08	JAX25-SB82-03	SA1351-18	F5109	03/30/07	1559
09	JAX25-SB81-03	SA1351-19	F5110	03/30/07	1636
10	JAX25-SB78-02	SA1351-20	F5111	03/30/07	1714
11	JAX25-SB79-01	SA1351-21	F5112	03/30/07	1752
12	JAX25-SB102-03	SA1351-22	F5113	03/30/07	1829
13	JAX25-SB103-03	SA1351-23	F5114	03/30/07	1907
14	JAX25-SB96-01	SA1351-12RA	F5115	03/30/07	1945
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IVVOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG37509-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: F5124 Lab Sample ID: WG37509-2

Date Analyzed: 04/02/07 Time Analyzed: 1227

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: GCMS-F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG37509-LCS	WG37509-1	F5122	04/02/07	1104
02	JAX25-SB102-03	SA1351-22RA	F5125	04/02/07	1322
03	JAX25-SB85-03	SA1351-17RA	F5134	04/02/07	1859
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IVVOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG37470-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: T5050 Lab Sample ID: WG37470-2

Date Analyzed: 03/30/07 Time Analyzed: 1304

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMS-T

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG37470-LCS	WG37470-1	T5048	03/30/07	1148
02	TRIP BLANK	SA1351-24	T5055	03/30/07	1556
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IVVOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG37635-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: T5119 Lab Sample ID: WG37635-2

Date Analyzed: 04/05/07 Time Analyzed: 1344

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMS-T

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG37635-MEOHLCS	WG37635-3	T5116	04/05/07	1135
02	WG37635-LCS	WG37635-1	T5117	04/05/07	1228
03	WG37635-MEOHBLANK	WG37635-4	T5120	04/05/07	1416
04	JAX25-SB96-01	SA1351-12DL	T5131	04/05/07	2029
05	JAX25-SB85-03	SA1351-17DL	T5132	04/05/07	2101
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IVVOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: FB627 BFB Injection Date: 03/23/07

Instrument ID: GCMS-F BFB Injection Time: 1204

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	28.4
75	30.0 - 60.0% of mass 95	52.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	79.7
175	5.0 - 9.0% of mass 174	7.1 (8.9)1
176	95.0 - 101.0% of mass 174	80.1 (100.5)1
177	5.0 - 9.0% of mass 176	5.9 (7.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD200F23A	F5024	03/23/07	1353
02		VSTD100F23A	F5025	03/23/07	1430
03		VSTD050F23A	F5026	03/23/07	1508
04		VSTD020F23A	F5027	03/23/07	1546
05		VSTD010F23A	F5028	03/23/07	1623
06		VSTD005F23A	F5029	03/23/07	1701
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: FB631 BFB Injection Date: 03/29/07

Instrument ID: GCMS-F BFB Injection Time: 0939

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.8
75	30.0 - 60.0% of mass 95	54.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	85.1
175	5.0 - 9.0% of mass 174	6.2 (7.2)1
176	95.0 - 101.0% of mass 174	81.5 (95.7)1
177	5.0 - 9.0% of mass 176	6.0 (7.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050F29A	F5080	03/29/07	1008
02	WG37437-LCS	WG37437-1	F5081	03/29/07	1100
03	WG37437-BLANK	WG37437-2	F5083	03/29/07	1220
04	JAX25-SB90-03	SA1351-1	F5084	03/29/07	1302
05	JAX25-SB91-03	SA1351-2	F5085	03/29/07	1339
06	JAX25-SB92-03	SA1351-3	F5086	03/29/07	1417
07	JAX25-SB93-03	SA1351-4	F5087	03/29/07	1455
08	JAX25-SB87-03	SA1351-6	F5089	03/29/07	1610
09	JAX25-SB88-03	SA1351-7	F5090	03/29/07	1647
10	JAX25-SB89-03	SA1351-8	F5091	03/29/07	1725
11	JAX25-SB94-03	SA1351-9	F5092	03/29/07	1802
12	JAX25-SB95-01	SA1351-10	F5093	03/29/07	1840
13	JAX25-SB97-03	SA1351-11	F5094	03/29/07	1917
14	JAX25-SB96-01	SA1351-12	F5095	03/29/07	1955
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: FB632 BFB Injection Date: 03/30/07

Instrument ID: GCMS-F BFB Injection Time: 0855

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	25.1
75	30.0 - 60.0% of mass 95	56.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	87.4
175	5.0 - 9.0% of mass 174	6.4 (7.3)1
176	95.0 - 101.0% of mass 174	88.2 (100.9)1
177	5.0 - 9.0% of mass 176	6.0 (6.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050F30A	F5099	03/30/07	0925
02	WG37454-LCS	WG37454-1	F5100	03/30/07	1012
03	WG37454-BLANK	WG37454-2	F5102	03/30/07	1132
04	JAX25-SB86-03	SA1351-5RA	F5103	03/30/07	1213
05	JAX25-SB98-01	SA1351-13	F5104	03/30/07	1250
06	JAX25-SB99-01	SA1351-14	F5105	03/30/07	1328
07	JAX25-SB83-03	SA1351-15	F5106	03/30/07	1405
08	JAX25-SB84-03	SA1351-16	F5107	03/30/07	1443
09	JAX25-SB85-03	SA1351-17	F5108	03/30/07	1521
10	JAX25-SB82-03	SA1351-18	F5109	03/30/07	1559
11	JAX25-SB81-03	SA1351-19	F5110	03/30/07	1636
12	JAX25-SB78-02	SA1351-20	F5111	03/30/07	1714
13	JAX25-SB79-01	SA1351-21	F5112	03/30/07	1752
14	JAX25-SB102-03	SA1351-22	F5113	03/30/07	1829
15	JAX25-SB103-03	SA1351-23	F5114	03/30/07	1907
16	JAX25-SB96-01	SA1351-12RA	F5115	03/30/07	1945
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: FB633 BFB Injection Date: 04/02/07

Instrument ID: GCMS-F BFB Injection Time: 0936

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	25.5
75	30.0 - 60.0% of mass 95	55.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	85.4
175	5.0 - 9.0% of mass 174	4.3 (5.0)1
176	95.0 - 101.0% of mass 174	81.9 (95.9)1
177	5.0 - 9.0% of mass 176	5.7 (6.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050F02A	F5121	04/02/07	1005
02	WG37509-LCS	WG37509-1	F5122	04/02/07	1104
03	WG37509-BLANK	WG37509-2	F5124	04/02/07	1227
04	JAX25-SB102-03	SA1351-22RA	F5125	04/02/07	1322
05	JAX25-SB85-03	SA1351-17RA	F5134	04/02/07	1859
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: TB302 BFB Injection Date: 03/29/07

Instrument ID: GCMS-T BFB Injection Time: 1342

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.0
75	30.0 - 60.0% of mass 95	42.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	96.9
175	5.0 - 9.0% of mass 174	6.1 (6.3)1
176	95.0 - 101.0% of mass 174	96.2 (99.3)1
177	5.0 - 9.0% of mass 176	5.7 (5.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD200T29A	T5019	03/29/07	1444
02		VSTD100T29A	T5020	03/29/07	1516
03		VSTD050T29A	T5021	03/29/07	1548
04		VSTD020T29A	T5022	03/29/07	1620
05		VSTD005T29A	T5023	03/29/07	1652
06		VSTD001T29A	T5024	03/29/07	1724
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: TB303 BFB Injection Date: 03/30/07

Instrument ID: GCMS-T BFB Injection Time: 0938

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.7
75	30.0 - 60.0% of mass 95	47.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.0
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	121.1
175	5.0 - 9.0% of mass 174	8.2 (6.7)1
176	95.0 - 101.0% of mass 174	117.3 (96.9)1
177	5.0 - 9.0% of mass 176	6.5 (5.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050T30A	T5046	03/30/07	1011
02	WG37470-LCS	WG37470-1	T5048	03/30/07	1148
03	WG37470-BLANK	WG37470-2	T5050	03/30/07	1304
04	TRIP BLANK	SA1351-24	T5055	03/30/07	1556
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: TB306 BFB Injection Date: 04/05/07

Instrument ID: GCMS-T BFB Injection Time: 1002

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.3
75	30.0 - 60.0% of mass 95	43.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	5.9
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	99.8
175	5.0 - 9.0% of mass 174	8.7 (8.7)1
176	95.0 - 101.0% of mass 174	99.9 (100.1)1
177	5.0 - 9.0% of mass 176	6.4 (6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050T05A	T5114	04/05/07	1029
02	WG37635-MEOHLCS	WG37635-3	T5116	04/05/07	1135
03	WG37635-LCS	WG37635-1	T5117	04/05/07	1228
04	WG37635-BLANK	WG37635-2	T5119	04/05/07	1344
05	WG37635-MEOHBLANK	WG37635-4	T5120	04/05/07	1416
06	JAX25-SB96-01	SA1351-12DL	T5131	04/05/07	2029
07	JAX25-SB85-03	SA1351-17DL	T5132	04/05/07	2101
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GCMS-F Calibration Date(s): 03/23/07 03/23/07

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1353 1701

LAB FILE ID: RF5: F5029 RF10: F5028 RF20: F5027
RF50: F5026 RF100: F5025 RF200: F5024

COMPOUND	RF5	RF10	RF20	RF50	RF100	RF200	CURVE	COEFF. A1	%RSD OR R^2	MAX %RSD OR R^2
Toluene	0.953	0.972	0.946	0.877	0.909	1.081	AVRG	0.95660627	7.301	15.000
Benzene	1.397	1.676	1.661	1.423	1.529	1.619	AVRG	1.55069120	7.795	15.000
Ethylbenzene	2.264	2.438	2.708	2.192	2.330	2.475	AVRG	2.40103500	7.653	15.000
m+p-Xylenes	0.804	0.836	0.840	0.751	0.858	0.886	AVRG	0.82926589	5.662	15.000
o-Xylene	0.828	0.775	0.845	0.732	0.771	0.811	AVRG	0.79382007	5.267	15.000
Xylenes (total)							AVRG			0.000
Methyl tert-butyl ether	1.675	1.974	1.989	1.670	1.890	1.939	AVRG	1.85609287	7.882	15.000
Dibromofluoromethane	0.841	0.948	0.866	0.757	0.855	0.886	AVRG	0.85897285	7.259	15.000
1,2-Dichloroethane-D4	1.099	1.060	0.964	0.846	0.880	0.968	AVRG	0.96933127	10.146	15.000
Toluene-D8	1.397	1.555	1.326	1.237	1.210	1.382	AVRG	1.35097878	9.257	15.000
P-Bromofluorobenzene	0.591	0.622	0.551	0.543	0.529	0.596	AVRG	0.57223295	6.329	15.000

Average %RSD test result.

Calculate Average %RSD: 8.646585464
Maximum Average %RSD: 15.00000000

Note: Passes Average %RSD Test.

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GCMS-T Calibration Date(s): 03/29/07 03/29/07

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1444 1724

LAB FILE ID: RF1: T5024 RF5: T5023 RF20: T5022
RF50: T5021 RF100: T5020 RF200: T5019

COMPOUND	RF1	RF5	RF20	RF50	RF100	RF200	CURVE	COEFF. A1	%RSD OR R^2	MAX %RSD OR R^2
Toluene	0.696	0.716	0.655	0.742	0.706	0.691	AVRG	0.70103841	4.129	15.000
Benzene	1.036	1.112	1.006	1.143	1.107	1.100	AVRG	1.08395486	4.764	15.000
Ethylbenzene	1.688	1.760	1.645	1.757	1.773	1.697	AVRG	1.72004355	2.964	15.000
m+p-Xylenes	0.573	0.618	0.580	0.655	0.607	0.580	AVRG	0.60226059	5.190	15.000
o-Xylene	0.516	0.580	0.563	0.622	0.612	0.606	AVRG	0.58322980	6.769	15.000
Xylenes (total)							AVRG			0.000
Methyl tert-butyl ether	1.212	1.295	1.382	1.440	1.381	1.355	AVRG	1.34426390	5.954	15.000
Dibromofluoromethane	0.529	0.581	0.539	0.578	0.580	0.581	AVRG	0.56467905	4.215	15.000
1,2-Dichloroethane-D4	0.706	0.696	0.634	0.676	0.675	0.689	AVRG	0.67929099	3.732	15.000
Toluene-D8	0.878	1.000	0.874	0.976	0.954	0.898	AVRG	0.93008951	5.784	15.000
P-Bromofluorobenzene	0.466	0.436	0.390	0.413	0.424	0.414	AVRG	0.42377101	6.068	15.000

Average %RSD test result.

Calculate Average %RSD: 9.255220413
Maximum Average %RSD: 15.00000000

Note: Passes Average %RSD Test.

FORM VI VOA

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GCMS-F Calibration Date: 03/29/07 Time: 1008

Lab File ID: F5080 Init. Calib. Date(s): 03/23/07 03/23/07

Init. Calib. Times: 1353 1701

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE	
Toluene	0.9560000	0.8872300	0.01	-7.19	20.00	AVRG	
Benzene	1.5510000	1.3653000	0.01	-11.97		AVRG	
Ethylbenzene	2.4010000	2.3315000	0.01	-2.89	20.00	AVRG	
m+p-Xylenes	0.8290000	0.7476900	0.01	-9.81		AVRG	
o-Xylene	0.7940000	0.7300700	0.01	-8.05		AVRG	
Xylenes (total)	0.0000000	0.7418200	0.01	0.00		AVRG	<-
Methyl tert-butyl ether	1.8560000	1.9475000	0.01	4.93		AVRG	
Dibromofluoromethane	0.8590000	0.8038900	0.01	-6.42		AVRG	
1,2-Dichloroethane-D4	0.9700000	0.9759200	0.01	0.61		AVRG	
Toluene-D8	1.3510000	1.2236000	0.01	-9.43		AVRG	
P-Bromofluorobenzene	0.5720000	0.5954500	0.01	4.10		AVRG	

FORM VII VOA

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GCMS-F Calibration Date: 03/30/07 Time: 0925

Lab File ID: F5099 Init. Calib. Date(s): 03/23/07 03/23/07

Init. Calib. Times: 1353 1701

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE	
Toluene	0.9560000	0.9739000	0.01	1.87	20.00	AVRG	
Benzene	1.5510000	1.6594000	0.01	6.99		AVRG	
Ethylbenzene	2.4010000	2.2621000	0.01	-5.78	20.00	AVRG	
m+p-Xylenes	0.8290000	0.8176000	0.01	-1.38		AVRG	
o-Xylene	0.7940000	0.7939200	0.01	-0.01		AVRG	
Xylenes (total)	0.0000000	0.8097000	0.01	0.00		AVRG	<-
Methyl tert-butyl ether	1.8560000	1.4879000	0.01	-19.83		AVRG	
Dibromofluoromethane	0.8590000	0.5944200	0.01	-30.80		AVRG	
1,2-Dichloroethane-D4	0.9700000	0.5986300	0.01	-38.29		AVRG	
Toluene-D8	1.3510000	1.2430000	0.01	-7.99		AVRG	
P-Bromofluorobenzene	0.5720000	0.4791300	0.01	-16.24		AVRG	

FORM VII VOA

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GCMS-F Calibration Date: 04/02/07 Time: 1005

Lab File ID: F5121 Init. Calib. Date(s): 03/23/07 03/23/07

Init. Calib. Times: 1353 1701

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE	
Toluene	0.9560000	0.9012100	0.01	-5.73	20.00	AVRG	
Benzene	1.5510000	1.5281000	0.01	-1.48		AVRG	
Ethylbenzene	2.4010000	2.2048000	0.01	-8.17	20.00	AVRG	
m+p-Xylenes	0.8290000	0.7557500	0.01	-8.84		AVRG	
o-Xylene	0.7940000	0.7333200	0.01	-7.64		AVRG	
Xylenes (total)	0.0000000	0.7482800	0.01	0.00		AVRG	<-
Methyl tert-butyl ether	1.8560000	1.6856000	0.01	-9.18		AVRG	
Dibromofluoromethane	0.8590000	0.6556900	0.01	-23.67		AVRG	
1,2-Dichloroethane-D4	0.9700000	0.6718100	0.01	-30.74		AVRG	
Toluene-D8	1.3510000	1.1226000	0.01	-16.91		AVRG	
P-Bromofluorobenzene	0.5720000	0.5151200	0.01	-9.94		AVRG	

FORM VII VOA

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GCMS-T Calibration Date: 03/30/07 Time: 1011

Lab File ID: T5046 Init. Calib. Date(s): 03/29/07 03/29/07

Init. Calib. Times: 1444 1724

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE	
Toluene	0.7010000	0.7802400	0.01	11.30	20.00	AVRG	
Benzene	1.0840000	1.1242000	0.01	3.71		AVRG	
Ethylbenzene	1.7200000	1.9074000	0.01	10.90	20.00	AVRG	
m+p-Xylenes	0.6020000	0.6808500	0.01	13.10		AVRG	
o-Xylene	0.5830000	0.6454200	0.01	10.71		AVRG	
Xylenes (total)	0.0000000	0.6690400	0.01	0.00		AVRG	<-
Methyl tert-butyl ether	1.3440000	1.3432000	0.01	-0.06		AVRG	
Dibromofluoromethane	0.5650000	0.4992200	0.01	-11.64		AVRG	
1,2-Dichloroethane-D4	0.6790000	0.6275800	0.01	-7.57		AVRG	
Toluene-D8	0.9300000	0.9487000	0.01	2.01		AVRG	
P-Bromofluorobenzene	0.4240000	0.4248600	0.01	0.20		AVRG	

FORM VII VOA

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GCMS-T Calibration Date: 04/05/07 Time: 1029

Lab File ID: T5114 Init. Calib. Date(s): 03/29/07 03/29/07

Init. Calib. Times: 1444 1724

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE	
Toluene	0.7010000	0.7516500	0.01	7.22	20.00	AVRG	
Benzene	1.0840000	1.1070000	0.01	2.12		AVRG	
Ethylbenzene	1.7200000	1.9214000	0.01	11.71	20.00	AVRG	
m+p-Xylenes	0.6020000	0.6594900	0.01	9.55		AVRG	
o-Xylene	0.5830000	0.6335100	0.01	8.66		AVRG	
Xylenes (total)	0.0000000	0.6508300	0.01	0.00		AVRG	<-
Methyl tert-butyl ether	1.3440000	1.2572000	0.01	-6.46		AVRG	
Dibromofluoromethane	0.5650000	0.4979600	0.01	-11.86		AVRG	
1,2-Dichloroethane-D4	0.6790000	0.6163600	0.01	-9.22		AVRG	
Toluene-D8	0.9300000	0.9057100	0.01	-2.61		AVRG	
P-Bromofluorobenzene	0.4240000	0.4290000	0.01	1.18		AVRG	

FORM VII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): F5080 Date Analyzed: 03/29/07

Instrument ID: GCMS-F Time Analyzed: 1008

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS1(PFB) AREA #	IS1(PFB) RT #	IS2(DFB) AREA #	IS2(DFB) RT #	IS3(CBZ) AREA #	IS3(CBZ) RT #
12 HOUR STD	93535	9.07	138532	9.78	122062	12.98
UPPER LIMIT	187070	9.57	277064	10.28	244124	13.48
LOWER LIMIT	46768	8.57	69266	9.28	61031	12.48

	CLIENT SAMPLE ID	LAB SAMPLE ID	IS1(PFB) AREA #	IS1(PFB) RT #	IS2(DFB) AREA #	IS2(DFB) RT #	IS3(CBZ) AREA #	IS3(CBZ) RT #
01	WG37437-LCS	WG37437-1	104215	9.07	147952	9.78	124622	12.97
02	WG37437-BLANK	WG37437-2	92369	9.08	137013	9.79	113302	12.97
03	JAX25-SB90-03	SA1351-1	72110	9.07	117237	9.78	89954	12.97
04	JAX25-SB91-03	SA1351-2	91353	9.07	132509	9.78	112560	12.97
05	JAX25-SB92-03	SA1351-3	94796	9.08	127743	9.78	105259	12.97
06	JAX25-SB93-03	SA1351-4	90242	9.08	132290	9.79	114266	12.97
07	JAX25-SB87-03	SA1351-6	91618	9.07	130265	9.78	104462	12.97
08	JAX25-SB88-03	SA1351-7	90591	9.08	126050	9.79	102255	12.97
09	JAX25-SB89-03	SA1351-8	89181	9.08	138561	9.79	113308	12.97
10	JAX25-SB94-03	SA1351-9	87912	9.07	147365	9.78	124000	12.97
11	JAX25-SB95-01	SA1351-10	85877	9.08	146024	9.79	109523	12.97
12	JAX25-SB97-03	SA1351-11	128996	9.08	196229	9.79	154024	12.97
13	JAX25-SB96-01	SA1351-12	74062	9.20	155372	9.83	152594	13.05
14								
15								
16								
17								
18								
19								
20								

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): F5080 Date Analyzed: 03/29/07

Instrument ID: GCMS-F Time Analyzed: 1008

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		65440	14.70				
UPPER LIMIT		130880	15.20				
LOWER LIMIT		32720	14.20				
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG37437-LCS	WG37437-1	66734	14.70				
02 WG37437-BLANK	WG37437-2	53558	14.69				
03 JAX25-SB90-03	SA1351-1	40740	14.70				
04 JAX25-SB91-03	SA1351-2	54979	14.70				
05 JAX25-SB92-03	SA1351-3	44715	14.70				
06 JAX25-SB93-03	SA1351-4	47655	14.69				
07 JAX25-SB87-03	SA1351-6	48004	14.70				
08 JAX25-SB88-03	SA1351-7	46896	14.69				
09 JAX25-SB89-03	SA1351-8	51875	14.69				
10 JAX25-SB94-03	SA1351-9	55918	14.70				
11 JAX25-SB95-01	SA1351-10	55152	14.69				
12 JAX25-SB97-03	SA1351-11	76507	14.69				
13 JAX25-SB96-01	SA1351-12	31161*	14.72				
14							
15							
16							
17							
18							
19							
20							

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): F5099 Date Analyzed: 03/30/07

Instrument ID: GCMS-F Time Analyzed: 0925

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS1(PFB) AREA #	IS1(PFB) RT #	IS2(DFB) AREA #	IS2(DFB) RT #	IS3(CBZ) AREA #	IS3(CBZ) RT #
12 HOUR STD	183744	9.07	242189	9.78	203557	12.97
UPPER LIMIT	367488	9.57	484378	10.28	407114	13.47
LOWER LIMIT	91872	8.57	121095	9.28	101779	12.47

	CLIENT SAMPLE ID	LAB SAMPLE ID	IS1(PFB) AREA #	IS1(PFB) RT #	IS2(DFB) AREA #	IS2(DFB) RT #	IS3(CBZ) AREA #	IS3(CBZ) RT #
01	WG37454-LCS	WG37454-1	168837	9.08	246771	9.79	213767	12.97
02	WG37454-BLANK	WG37454-2	178750	9.08	237370	9.78	199920	12.98
03	JAX25-SB86-03	SA1351-5RA	156121	9.08	217340	9.78	163015	12.98
04	JAX25-SB98-01	SA1351-13	197805	9.10	275709	9.80	232445	12.98
05	JAX25-SB99-01	SA1351-14	164398	9.08	246493	9.78	187336	12.98
06	JAX25-SB83-03	SA1351-15	188405	9.07	274348	9.78	211238	12.97
07	JAX25-SB84-03	SA1351-16	163880	9.08	223578	9.79	194028	12.97
08	JAX25-SB85-03	SA1351-17	60422*	9.11	105212*	9.79	56810*	12.99
09	JAX25-SB82-03	SA1351-18	183852	9.08	283448	9.78	228726	12.98
10	JAX25-SB81-03	SA1351-19	162044	9.08	234325	9.79	189413	12.97
11	JAX25-SB78-02	SA1351-20	180296	9.07	253327	9.78	201533	12.98
12	JAX25-SB79-01	SA1351-21	189787	9.09	279334	9.78	225812	12.97
13	JAX25-SB102-03	SA1351-22	38324*	9.08	58064*	9.78	50227*	12.98
14	JAX25-SB103-03	SA1351-23	166053	9.08	238973	9.79	191397	12.97
15	JAX25-SB96-01	SA1351-12RA	158373	9.18	220521	9.81	168051	13.01
16								
17								
18								
19								
20								

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): F5099 Date Analyzed: 03/30/07

Instrument ID: GCMS-F Time Analyzed: 0925

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	103135	14.70				
UPPER LIMIT	206270	15.20				
LOWER LIMIT	51568	14.20				

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG37454-LCS	WG37454-1	106040	14.71				
02	WG37454-BLANK	WG37454-2	105412	14.70				
03	JAX25-SB86-03	SA1351-5RA	60866	14.70				
04	JAX25-SB98-01	SA1351-13	89296	14.70				
05	JAX25-SB99-01	SA1351-14	90444	14.70				
06	JAX25-SB83-03	SA1351-15	99499	14.70				
07	JAX25-SB84-03	SA1351-16	81968	14.70				
08	JAX25-SB85-03	SA1351-17	95228	14.68				
09	JAX25-SB82-03	SA1351-18	107889	14.70				
10	JAX25-SB81-03	SA1351-19	86686	14.70				
11	JAX25-SB78-02	SA1351-20	84046	14.70				
12	JAX25-SB79-01	SA1351-21	94381	14.70				
13	JAX25-SB102-03	SA1351-22	23519*	14.70				
14	JAX25-SB103-03	SA1351-23	92379	14.69				
15	JAX25-SB96-01	SA1351-12RA	40794*	14.71				
16								
17								
18								
19								
20								

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): F5121 Date Analyzed: 04/02/07

Instrument ID: GCMS-F Time Analyzed: 1005

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS1(PFB) AREA #	IS1(PFB) RT #	IS2(DFB) AREA #	IS2(DFB) RT #	IS3(CBZ) AREA #	IS3(CBZ) RT #
12 HOUR STD	158266	9.08	242582	9.79	196928	12.98
UPPER LIMIT	316532	9.58	485164	10.29	393856	13.48
LOWER LIMIT	79133	8.58	121291	9.29	98464	12.48

	CLIENT SAMPLE ID	LAB SAMPLE ID	IS1(PFB) AREA #	IS1(PFB) RT #	IS2(DFB) AREA #	IS2(DFB) RT #	IS3(CBZ) AREA #	IS3(CBZ) RT #
01	WG37509-LCS	WG37509-1	158346	9.09	226373	9.79	188207	12.98
02	WG37509-BLANK	WG37509-2	139600	9.08	202014	9.79	165048	12.98
03	JAX25-SB102-03	SA1351-22RA	12751*	9.09	22621*	9.78	22242*	12.98
04	JAX25-SB85-03	SA1351-17RA	116041	9.15	188570	9.80	89294*	13.00
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): F5121 Date Analyzed: 04/02/07

Instrument ID: GCMS-F Time Analyzed: 1005

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	93945	14.70				
UPPER LIMIT	187890	15.20				
LOWER LIMIT	46973	14.20				

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG37509-LCS	WG37509-1	96656	14.70				
02	WG37509-BLANK	WG37509-2	79273	14.70				
03	JAX25-SB102-03	SA1351-22RA	10732*	14.70				
04	JAX25-SB85-03	SA1351-17RA	55957	14.73				
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): T5046 Date Analyzed: 03/30/07

Instrument ID: GCMS-T Time Analyzed: 1011

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD		1103265	8.20	1417805	9.09	1235189	12.61
UPPER LIMIT		2206530	8.70	2835610	9.59	2470378	13.11
LOWER LIMIT		551633	7.70	708903	8.59	617595	12.11
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG37470-LCS	WG37470-1	1151788	8.20	1536676	9.10	1287420	12.62
02 WG37470-BLANK	WG37470-2	1089548	8.21	1383009	9.10	1183074	12.62
03 TRIP BLANK	SA1351-24	977223	8.21	1241621	9.10	1048643	12.61
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): T5046 Date Analyzed: 03/30/07

Instrument ID: GCMS-T Time Analyzed: 1011

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		757930	15.74				
UPPER LIMIT		1515860	16.24				
LOWER LIMIT		378965	15.24				
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG37470-LCS	WG37470-1	758472	15.74				
02 WG37470-BLANK	WG37470-2	677959	15.74				
03 TRIP BLANK	SA1351-24	611089	15.74				
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): T5114 Date Analyzed: 04/05/07

Instrument ID: GCMS-T Time Analyzed: 1029

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD	1223091	8.24	1602902	9.12	1401098	12.64
UPPER LIMIT	2446182	8.74	3205804	9.62	2802196	13.14
LOWER LIMIT	611546	7.74	801451	8.62	700549	12.14

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG37635-MEOHLCS	WG37635-3	1266684	8.24	1709805	9.12	1444249	12.63
02	WG37635-LCS	WG37635-1	1335653	8.24	1803658	9.12	1510778	12.63
03	WG37635-BLANK	WG37635-2	1253923	8.24	1637628	9.13	1377310	12.64
04	WG37635-MEOHBLANK	WG37635-4	1245517	8.24	1647331	9.12	1387664	12.64
05	JAX25-SB96-01	SA1351-12DL	1263195	8.24	1945963	9.12	1520998	12.63
06	JAX25-SB85-03	SA1351-17DL	1385336	8.22	1996417	9.12	1544323	12.63
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): T5114 Date Analyzed: 04/05/07

Instrument ID: GCMS-T Time Analyzed: 1029

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		845539	15.76				
UPPER LIMIT		1691078	16.26				
LOWER LIMIT		422770	15.26				
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG37635-MEOHLCS	WG37635-3	830755	15.75				
02 WG37635-LCS	WG37635-1	879643	15.75				
03 WG37635-BLANK	WG37635-2	777352	15.75				
04 WG37635-MEOHBLANK	WG37635-4	801669	15.75				
05 JAX25-SB96-01	SA1351-12DL	884164	15.74				
06 JAX25-SB85-03	SA1351-17DL	918119	15.75				
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 05-APR-2007 19:37
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 72.0

Lab ID: SA1351-1
Client ID: JAX25-SB90-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37474
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	4	1.0	20	28	4
91-57-6	2-Methylnaphthalene	U	10	1.0	20	28	10
90-12-0	1-Methylnaphthalene	U	13	1.0	20	28	13
208-96-8	Acenaphthylene	U	3	1.0	20	28	3
83-32-9	Acenaphthene	U	8	1.0	20	28	8
86-73-7	Fluorene	U	4	1.0	20	28	4
85-01-8	Phenanthrene	U	4	1.0	20	28	4
120-12-7	Anthracene	U	5	1.0	20	28	5
206-44-0	Fluoranthene	I	12	1.0	20	28	5
129-00-0	Pyrene	I	7	1.0	20	28	4
56-55-3	Benzo(a)anthracene	I	9	1.0	20	28	4
218-01-9	Chrysene	U	4	1.0	20	28	4
205-99-2	Benzo(b)fluoranthene	U	4	1.0	20	28	4
207-08-9	Benzo(k)fluoranthene	U	4	1.0	20	28	4
50-32-8	Benzo(a)pyrene	I	6	1.0	20	28	4
193-39-5	Indeno(1,2,3-cd)pyrene	U	6	1.0	20	28	6
191-24-2	Benzo(g,h,i)perylene	I	12	1.0	20	28	4
53-70-3	Dibenzo(a,h)anthracene	U	5	1.0	20	28	5
7297-45-2	2-Methylnaphthalene-d10		76%				
81103-79-9	Fluorene-d10		91%				
1718-52-1	Pyrene-d10		84%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 07-APR-2007 16:15
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.3

Lab ID: SA1351-2
Client ID: JAX25-SB91-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37474
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	23	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	23	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	23	10
208-96-8	Acenaphthylene	U	2	1.0	20	23	2
83-32-9	Acenaphthene	U	7	1.0	20	23	7
86-73-7	Fluorene	U	4	1.0	20	23	4
85-01-8	Phenanthrene	U	3	1.0	20	23	3
120-12-7	Anthracene	U	4	1.0	20	23	4
206-44-0	Fluoranthene	I	6	1.0	20	23	4
129-00-0	Pyrene	I	6	1.0	20	23	4
56-55-3	Benzo(a)anthracene	I	5	1.0	20	23	3
218-01-9	Chrysene	I	5	1.0	20	23	3
205-99-2	Benzo(b)fluoranthene	I	11	1.0	20	23	4
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	23	3
50-32-8	Benzo(a)pyrene	I	5	1.0	20	23	3
193-39-5	Indeno(1,2,3-cd)pyrene	I	8	1.0	20	23	5
191-24-2	Benzo(g,h,i)perylene	I	8	1.0	20	23	4
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	23	4
7297-45-2	2-Methylnaphthalene-d10		70%				
81103-79-9	Fluorene-d10		77%				
1718-52-1	Pyrene-d10		79%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 07-APR-2007 16:57
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 83.1

Lab ID: SA1351-3
Client ID: JAX25-SB92-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37474
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	24	3
91-57-6	2-Methylnaphthalene	U	9	1.0	20	24	9
90-12-0	1-Methylnaphthalene	U	11	1.0	20	24	11
208-96-8	Acenaphthylene	U	3	1.0	20	24	3
83-32-9	Acenaphthene	U	7	1.0	20	24	7
86-73-7	Fluorene	U	4	1.0	20	24	4
85-01-8	Phenanthrene	I	8	1.0	20	24	3
120-12-7	Anthracene	U	4	1.0	20	24	4
206-44-0	Fluoranthene	I	20	1.0	20	24	4
129-00-0	Pyrene	I	17	1.0	20	24	4
56-55-3	Benzo(a)anthracene	I	12	1.0	20	24	4
218-01-9	Chrysene	I	14	1.0	20	24	3
205-99-2	Benzo(b)fluoranthene		25	1.0	20	24	4
207-08-9	Benzo(k)fluoranthene	I	8	1.0	20	24	4
50-32-8	Benzo(a)pyrene	I	14	1.0	20	24	4
193-39-5	Indeno(1,2,3-cd)pyrene	I	19	1.0	20	24	5
191-24-2	Benzo(g,h,i)perylene	I	14	1.0	20	24	4
53-70-3	Dibenzo(a,h)anthracene	I	6	1.0	20	24	4
7297-45-2	2-Methylnaphthalene-d10		81%				
81103-79-9	Fluorene-d10		89%				
1718-52-1	Pyrene-d10		88%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 07-APR-2007 21:08
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 89.6

Lab ID: SA1351-4
Client ID: JAX25-SB93-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37474
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	4	1.0	20	22	3
91-57-6	2-Methylnaphthalene	I	10	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	U	2	1.0	20	22	2
83-32-9	Acenaphthene	U	6	1.0	20	22	6
86-73-7	Fluorene	U	3	1.0	20	22	3
85-01-8	Phenanthrene	I	8	1.0	20	22	3
120-12-7	Anthracene	U	4	1.0	20	22	4
206-44-0	Fluoranthene	I	17	1.0	20	22	4
129-00-0	Pyrene	I	22	1.0	20	22	4
56-55-3	Benzo(a)anthracene	I	12	1.0	20	22	3
218-01-9	Chrysene	I	14	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene		27	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	I	9	1.0	20	22	3
50-32-8	Benzo(a)pyrene	I	14	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	I	18	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	I	16	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	I	6	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		85%				
81103-79-9	Fluorene-d10		86%				
1718-52-1	Pyrene-d10		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 07-APR-2007 14:09
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 79.7

Lab ID: SA1351-5
Client ID: JAX25-SB86-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	25	3
91-57-6	2-Methylnaphthalene	U	9	1.0	20	25	9
90-12-0	1-Methylnaphthalene	U	12	1.0	20	25	12
208-96-8	Acenaphthylene	U	3	1.0	20	25	3
83-32-9	Acenaphthene	U	7	1.0	20	25	7
86-73-7	Fluorene	U	4	1.0	20	25	4
85-01-8	Phenanthrene	I	9	1.0	20	25	3
120-12-7	Anthracene	I	10	1.0	20	25	4
206-44-0	Fluoranthene		30	1.0	20	25	4
129-00-0	Pyrene	I	24	1.0	20	25	4
56-55-3	Benzo(a)anthracene		40	1.0	20	25	4
218-01-9	Chrysene		53	1.0	20	25	4
205-99-2	Benzo(b)fluoranthene		150	1.0	20	25	4
207-08-9	Benzo(k)fluoranthene		49	1.0	20	25	4
50-32-8	Benzo(a)pyrene		73	1.0	20	25	4
193-39-5	Indeno(1,2,3-cd)pyrene		140	1.0	20	25	6
191-24-2	Benzo(g,h,i)perylene		110	1.0	20	25	4
53-70-3	Dibenzo(a,h)anthracene		29	1.0	20	25	5
7297-45-2	2-Methylnaphthalene-d10		77%				
81103-79-9	Fluorene-d10		79%				
1718-52-1	Pyrene-d10		81%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 07-APR-2007 15:33
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.0

Lab ID: SA1351-6
Client ID: JAX25-SB87-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	22	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	I	3	1.0	20	22	2
83-32-9	Acenaphthene	U	6	1.0	20	22	6
86-73-7	Fluorene	U	3	1.0	20	22	3
85-01-8	Phenanthrene	I	4	1.0	20	22	3
120-12-7	Anthracene	U	4	1.0	20	22	4
206-44-0	Fluoranthene	I	8	1.0	20	22	4
129-00-0	Pyrene	I	10	1.0	20	22	3
56-55-3	Benzo(a)anthracene	I	8	1.0	20	22	3
218-01-9	Chrysene	I	9	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene		24	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	I	5	1.0	20	22	3
50-32-8	Benzo(a)pyrene	I	12	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene		31	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene		31	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	I	7	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		79%				
81103-79-9	Fluorene-d10		88%				
1718-52-1	Pyrene-d10		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 07-APR-2007 12:46
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.5

Lab ID: SA1351-7
Client ID: JAX25-SB88-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	22	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	U	2	1.0	20	22	2
83-32-9	Acenaphthene	U	6	1.0	20	22	6
86-73-7	Fluorene	U	3	1.0	20	22	3
85-01-8	Phenanthrene	U	3	1.0	20	22	3
120-12-7	Anthracene	U	4	1.0	20	22	4
206-44-0	Fluoranthene	I	6	1.0	20	22	4
129-00-0	Pyrene	I	5	1.0	20	22	3
56-55-3	Benzo(a)anthracene	I	3	1.0	20	22	3
218-01-9	Chrysene	I	4	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene	I	10	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	22	3
50-32-8	Benzo(a)pyrene	I	5	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	I	7	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	I	6	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		74%				
81103-79-9	Fluorene-d10		81%				
1718-52-1	Pyrene-d10		78%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 07-APR-2007 14:51
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 93.2

Lab ID: SA1351-8
Client ID: JAX25-SB89-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	21	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	21	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	21	10
208-96-8	Acenaphthylene	I	4	1.0	20	21	2
83-32-9	Acenaphthene	U	6	1.0	20	21	6
86-73-7	Fluorene	U	3	1.0	20	21	3
85-01-8	Phenanthrene	I	9	1.0	20	21	3
120-12-7	Anthracene	U	4	1.0	20	21	4
206-44-0	Fluoranthene	I	17	1.0	20	21	4
129-00-0	Pyrene	I	12	1.0	20	21	3
56-55-3	Benzo(a)anthracene	I	11	1.0	20	21	3
218-01-9	Chrysene	I	9	1.0	20	21	3
205-99-2	Benzo(b)fluoranthene	I	14	1.0	20	21	3
207-08-9	Benzo(k)fluoranthene	I	4	1.0	20	21	3
50-32-8	Benzo(a)pyrene	I	8	1.0	20	21	3
193-39-5	Indeno(1,2,3-cd)pyrene	I	9	1.0	20	21	5
191-24-2	Benzo(g,h,i)perylene	I	7	1.0	20	21	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	21	4
7297-45-2	2-Methylnaphthalene-d10		66%				
81103-79-9	Fluorene-d10		75%				
1718-52-1	Pyrene-d10		75%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 07-APR-2007 13:27
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 89.5

Lab ID: SA1351-9
Client ID: JAX25-SB94-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	22	3
91-57-6	2-Methylnaphthalene	I	8	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	U	2	1.0	20	22	2
83-32-9	Acenaphthene	L	190	1.0	20	22	6
86-73-7	Fluorene		74	1.0	20	22	3
85-01-8	Phenanthrene		33	1.0	20	22	3
120-12-7	Anthracene	I	5	1.0	20	22	4
206-44-0	Fluoranthene	I	7	1.0	20	22	4
129-00-0	Pyrene	I	5	1.0	20	22	4
56-55-3	Benzo(a)anthracene	U	3	1.0	20	22	3
218-01-9	Chrysene	U	3	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene	I	6	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	22	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	5	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	U	3	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		73%				
81103-79-9	Fluorene-d10		69%				
1718-52-1	Pyrene-d10		85%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 12:08
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 89.5

Lab ID: SA1351-9DL
Client ID: JAX25-SB94-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	6	2.0	20	45	6
91-57-6	2-Methylnaphthalene	U	16	2.0	20	45	16
90-12-0	1-Methylnaphthalene	U	20	2.0	20	45	20
208-96-8	Acenaphthylene	U	5	2.0	20	45	5
83-32-9	Acenaphthene		190	2.0	20	45	13
86-73-7	Fluorene		78	2.0	20	45	7
85-01-8	Phenanthrene	I	32	2.0	20	45	6
120-12-7	Anthracene	U	8	2.0	20	45	8
206-44-0	Fluoranthene	U	8	2.0	20	45	8
129-00-0	Pyrene	U	7	2.0	20	45	7
56-55-3	Benzo(a)anthracene	U	7	2.0	20	45	7
218-01-9	Chrysene	U	6	2.0	20	45	6
205-99-2	Benzo(b)fluoranthene	U	7	2.0	20	45	7
207-08-9	Benzo(k)fluoranthene	U	7	2.0	20	45	7
50-32-8	Benzo(a)pyrene	U	7	2.0	20	45	7
193-39-5	Indeno(1,2,3-cd)pyrene	U	10	2.0	20	45	10
191-24-2	Benzo(g,h,i)perylene	U	7	2.0	20	45	7
53-70-3	Dibenzo(a,h)anthracene	U	8	2.0	20	45	8
7297-45-2	2-Methylnaphthalene-d10		72%				
81103-79-9	Fluorene-d10		73%				
1718-52-1	Pyrene-d10		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 12:51
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.9

Lab ID: SA1351-10
Client ID: JAX25-SB95-01
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		34	1.0	20	22	3
91-57-6	2-Methylnaphthalene		57	1.0	20	22	8
90-12-0	1-Methylnaphthalene		47	1.0	20	22	10
208-96-8	Acenaphthylene	I	7	1.0	20	22	2
83-32-9	Acenaphthene	I	18	1.0	20	22	6
86-73-7	Fluorene		71	1.0	20	22	3
85-01-8	Phenanthrene	L	210	1.0	20	22	3
120-12-7	Anthracene		24	1.0	20	22	4
206-44-0	Fluoranthene		71	1.0	20	22	4
129-00-0	Pyrene		71	1.0	20	22	3
56-55-3	Benzo(a)anthracene		24	1.0	20	22	3
218-01-9	Chrysene		22	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene		25	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	I	7	1.0	20	22	3
50-32-8	Benzo(a)pyrene	I	18	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	I	18	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	I	11	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		76%				
81103-79-9	Fluorene-d10		78%				
1718-52-1	Pyrene-d10		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 10-APR-2007 12:38
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.9

Lab ID: SA1351-10DL
Client ID: JAX25-SB95-01
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	35	2.0	20	43	6
91-57-6	2-Methylnaphthalene		56	2.0	20	43	16
90-12-0	1-Methylnaphthalene		49	2.0	20	43	20
208-96-8	Acenaphthylene	I	7	2.0	20	43	5
83-32-9	Acenaphthene	I	17	2.0	20	43	13
86-73-7	Fluorene		69	2.0	20	43	7
85-01-8	Phenanthrene		210	2.0	20	43	6
120-12-7	Anthracene	I	24	2.0	20	43	8
206-44-0	Fluoranthene		70	2.0	20	43	8
129-00-0	Pyrene		69	2.0	20	43	7
56-55-3	Benzo(a)anthracene	I	24	2.0	20	43	6
218-01-9	Chrysene	I	22	2.0	20	43	6
205-99-2	Benzo(b)fluoranthene	I	26	2.0	20	43	7
207-08-9	Benzo(k)fluoranthene	I	7	2.0	20	43	6
50-32-8	Benzo(a)pyrene	I	18	2.0	20	43	6
193-39-5	Indeno(1,2,3-cd)pyrene	I	20	2.0	20	43	10
191-24-2	Benzo(g,h,i)perylene	I	14	2.0	20	43	7
53-70-3	Dibenzo(a,h)anthracene	I	10	2.0	20	43	8
7297-45-2	2-Methylnaphthalene-d10		74%				
81103-79-9	Fluorene-d10		76%				
1718-52-1	Pyrene-d10		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 18:32
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 83.4

Lab ID: SA1351-11
Client ID: JAX25-SB97-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	6	1.0	20	24	3
91-57-6	2-Methylnaphthalene		160	1.0	20	24	9
90-12-0	1-Methylnaphthalene		100	1.0	20	24	11
208-96-8	Acenaphthylene	U	3	1.0	20	24	3
83-32-9	Acenaphthene	L	730	1.0	20	24	7
86-73-7	Fluorene	L	1100	1.0	20	24	4
85-01-8	Phenanthrene	L	3800	1.0	20	24	3
120-12-7	Anthracene	L	1400	1.0	20	24	4
206-44-0	Fluoranthene	L	3600	1.0	20	24	4
129-00-0	Pyrene	L	3300	1.0	20	24	4
56-55-3	Benzo(a)anthracene	L	1800	1.0	20	24	4
218-01-9	Chrysene	L	1000	1.0	20	24	3
205-99-2	Benzo(b)fluoranthene	L	1100	1.0	20	24	4
207-08-9	Benzo(k)fluoranthene	L	370	1.0	20	24	4
50-32-8	Benzo(a)pyrene	L	740	1.0	20	24	4
193-39-5	Indeno(1,2,3-cd)pyrene		76	1.0	20	24	5
191-24-2	Benzo(g,h,i)perylene	L	650	1.0	20	24	4
53-70-3	Dibenzo(a,h)anthracene		130	1.0	20	24	4
7297-45-2	2-Methylnaphthalene-d10		77%				
81103-79-9	Fluorene-d10		65%				
1718-52-1	Pyrene-d10		83%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 10-APR-2007 13:21
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 83.4

Lab ID: SA1351-11DL
Client ID: JAX25-SB97-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	120	40	20	960	120
91-57-6	2-Methylnaphthalene	U	350	40	20	960	350
90-12-0	1-Methylnaphthalene	U	440	40	20	960	440
208-96-8	Acenaphthylene	U	100	40	20	960	100
83-32-9	Acenaphthene	I	920	40	20	960	280
86-73-7	Fluorene		1500	40	20	960	150
85-01-8	Phenanthrene		7200	40	20	960	120
120-12-7	Anthracene		1700	40	20	960	170
206-44-0	Fluoranthene		7200	40	20	960	170
129-00-0	Pyrene		5600	40	20	960	150
56-55-3	Benzo(a)anthracene		1900	40	20	960	140
218-01-9	Chrysene		1400	40	20	960	140
205-99-2	Benzo(b)fluoranthene		1400	40	20	960	150
207-08-9	Benzo(k)fluoranthene	I	530	40	20	960	140
50-32-8	Benzo(a)pyrene	I	870	40	20	960	140
193-39-5	Indeno(1,2,3-cd)pyrene		1100	40	20	960	220
191-24-2	Benzo(g,h,i)perylene	I	860	40	20	960	150
53-70-3	Dibenzo(a,h)anthracene	I	250	40	20	960	180
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 20:00
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 91.9

Lab ID: SA1351-12DL
Client ID: JAX25-SB96-01
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	L	2700	10	20	220	28
91-57-6	2-Methylnaphthalene	L	5700	10	20	220	79
90-12-0	1-Methylnaphthalene	L	2400	10	20	220	100
208-96-8	Acenaphthylene		490	10	20	220	24
83-32-9	Acenaphthene		1500	10	20	220	64
86-73-7	Fluorene	L	2600	10	20	220	34
85-01-8	Phenanthrene	L	8200	10	20	220	28
120-12-7	Anthracene		1300	10	20	220	39
206-44-0	Fluoranthene	L	3400	10	20	220	38
129-00-0	Pyrene	L	5400	10	20	220	35
56-55-3	Benzo(a)anthracene	L	2600	10	20	220	33
218-01-9	Chrysene	L	2100	10	20	220	32
205-99-2	Benzo(b)fluoranthene		1300	10	20	220	34
207-08-9	Benzo(k)fluoranthene		470	10	20	220	33
50-32-8	Benzo(a)pyrene		1400	10	20	220	33
193-39-5	Indeno(1,2,3-cd)pyrene		940	10	20	220	49
191-24-2	Benzo(g,h,i)perylene		530	10	20	220	34
53-70-3	Dibenzo(a,h)anthracene		240	10	20	220	41
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 10-APR-2007 14:03
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 91.9

Lab ID: SA1351-12DL2
Client ID: JAX25-SB96-01
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		3100	100	20	2200	280
91-57-6	2-Methylnaphthalene		3800	100	20	2200	790
90-12-0	1-Methylnaphthalene		3400	100	20	2200	1000
208-96-8	Acenaphthylene	I	550	100	20	2200	240
83-32-9	Acenaphthene	I	1700	100	20	2200	640
86-73-7	Fluorene		2900	100	20	2200	340
85-01-8	Phenanthrene		10000	100	20	2200	280
120-12-7	Anthracene	I	1600	100	20	2200	390
206-44-0	Fluoranthene		4000	100	20	2200	380
129-00-0	Pyrene		5400	100	20	2200	350
56-55-3	Benzo(a)anthracene		2400	100	20	2200	330
218-01-9	Chrysene		2400	100	20	2200	320
205-99-2	Benzo(b)fluoranthene	I	1500	100	20	2200	340
207-08-9	Benzo(k)fluoranthene	I	550	100	20	2200	330
50-32-8	Benzo(a)pyrene	I	1600	100	20	2200	330
193-39-5	Indeno(1,2,3-cd)pyrene	I	1300	100	20	2200	490
191-24-2	Benzo(g,h,i)perylene	I	720	100	20	2200	340
53-70-3	Dibenzo(a,h)anthracene	I	580	100	20	2200	410
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 21:28
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 76.0

Lab ID: SA1351-13
Client ID: JAX25-SB98-01
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		47	1.0	20	26	3
91-57-6	2-Methylnaphthalene		130	1.0	20	26	10
90-12-0	1-Methylnaphthalene		95	1.0	20	26	12
208-96-8	Acenaphthylene		95	1.0	20	26	3
83-32-9	Acenaphthene		45	1.0	20	26	8
86-73-7	Fluorene		190	1.0	20	26	4
85-01-8	Phenanthrene	L	1100	1.0	20	26	3
120-12-7	Anthracene		210	1.0	20	26	5
206-44-0	Fluoranthene	L	1100	1.0	20	26	5
129-00-0	Pyrene	L	1500	1.0	20	26	4
56-55-3	Benzo(a)anthracene	L	890	1.0	20	26	4
218-01-9	Chrysene	L	620	1.0	20	26	4
205-99-2	Benzo(b)fluoranthene	L	580	1.0	20	26	4
207-08-9	Benzo(k)fluoranthene		180	1.0	20	26	4
50-32-8	Benzo(a)pyrene	L	520	1.0	20	26	4
193-39-5	Indeno(1,2,3-cd)pyrene	L	250	1.0	20	26	6
191-24-2	Benzo(g,h,i)perylene		180	1.0	20	26	4
53-70-3	Dibenzo(a,h)anthracene		75	1.0	20	26	5
7297-45-2	2-Methylnaphthalene-d10		78%				
81103-79-9	Fluorene-d10		79%				
1718-52-1	Pyrene-d10		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 10-APR-2007 14:50
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 76.0

Lab ID: SA1351-13DL
Client ID: JAX25-SB98-01
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	50	10	20	260	34
91-57-6	2-Methylnaphthalene	I	150	10	20	260	96
90-12-0	1-Methylnaphthalene	U	120	10	20	260	120
208-96-8	Acenaphthylene	I	110	10	20	260	29
83-32-9	Acenaphthene	U	78	10	20	260	78
86-73-7	Fluorene	I	200	10	20	260	41
85-01-8	Phenanthrene		1400	10	20	260	34
120-12-7	Anthracene	I	260	10	20	260	47
206-44-0	Fluoranthene		1700	10	20	260	46
129-00-0	Pyrene		1600	10	20	260	42
56-55-3	Benzo(a)anthracene		800	10	20	260	39
218-01-9	Chrysene		690	10	20	260	38
205-99-2	Benzo(b)fluoranthene		580	10	20	260	41
207-08-9	Benzo(k)fluoranthene	I	220	10	20	260	39
50-32-8	Benzo(a)pyrene		550	10	20	260	39
193-39-5	Indeno(1,2,3-cd)pyrene		490	10	20	260	59
191-24-2	Benzo(g,h,i)perylene		280	10	20	260	41
53-70-3	Dibenzo(a,h)anthracene	I	120	10	20	260	50
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 13:34
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 94.0

Lab ID: SA1351-14
Client ID: JAX25-SB99-01
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	6	1.0	20	21	3
91-57-6	2-Methylnaphthalene	I	12	1.0	20	21	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	21	10
208-96-8	Acenaphthylene	U	2	1.0	20	21	2
83-32-9	Acenaphthene	U	6	1.0	20	21	6
86-73-7	Fluorene	I	20	1.0	20	21	3
85-01-8	Phenanthrene		84	1.0	20	21	3
120-12-7	Anthracene	I	8	1.0	20	21	4
206-44-0	Fluoranthene	I	10	1.0	20	21	4
129-00-0	Pyrene	I	10	1.0	20	21	3
56-55-3	Benzo(a)anthracene	U	3	1.0	20	21	3
218-01-9	Chrysene	I	3	1.0	20	21	3
205-99-2	Benzo(b)fluoranthene	U	3	1.0	20	21	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	21	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	21	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	5	1.0	20	21	5
191-24-2	Benzo(g,h,i)perylene	U	3	1.0	20	21	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	21	4
7297-45-2	2-Methylnaphthalene-d10		67%				
81103-79-9	Fluorene-d10		72%				
1718-52-1	Pyrene-d10		80%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 14:16
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 72.9

Lab ID: SA1351-15
Client ID: JAX25-SB83-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	4	1.0	20	27	4
91-57-6	2-Methylnaphthalene	U	10	1.0	20	27	10
90-12-0	1-Methylnaphthalene	U	13	1.0	20	27	13
208-96-8	Acenaphthylene	U	3	1.0	20	27	3
83-32-9	Acenaphthene	U	8	1.0	20	27	8
86-73-7	Fluorene	U	4	1.0	20	27	4
85-01-8	Phenanthrene	U	4	1.0	20	27	4
120-12-7	Anthracene	U	5	1.0	20	27	5
206-44-0	Fluoranthene	U	5	1.0	20	27	5
129-00-0	Pyrene	U	4	1.0	20	27	4
56-55-3	Benzo(a)anthracene	U	4	1.0	20	27	4
218-01-9	Chrysene	U	4	1.0	20	27	4
205-99-2	Benzo(b)fluoranthene	U	4	1.0	20	27	4
207-08-9	Benzo(k)fluoranthene	U	4	1.0	20	27	4
50-32-8	Benzo(a)pyrene	U	4	1.0	20	27	4
193-39-5	Indeno(1,2,3-cd)pyrene	U	6	1.0	20	27	6
191-24-2	Benzo(g,h,i)perylene	U	4	1.0	20	27	4
53-70-3	Dibenzo(a,h)anthracene	U	5	1.0	20	27	5
7297-45-2	2-Methylnaphthalene-d10		61%				
81103-79-9	Fluorene-d10		68%				
1718-52-1	Pyrene-d10		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 14:58
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.5

Lab ID: SA1351-16
Client ID: JAX25-SB84-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	22	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	U	2	1.0	20	22	2
83-32-9	Acenaphthene	U	7	1.0	20	22	7
86-73-7	Fluorene	U	4	1.0	20	22	4
85-01-8	Phenanthrene	U	3	1.0	20	22	3
120-12-7	Anthracene	U	4	1.0	20	22	4
206-44-0	Fluoranthene	U	4	1.0	20	22	4
129-00-0	Pyrene	U	4	1.0	20	22	4
56-55-3	Benzo(a)anthracene	U	3	1.0	20	22	3
218-01-9	Chrysene	U	3	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene	U	4	1.0	20	22	4
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	22	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	5	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	U	4	1.0	20	22	4
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		68%				
81103-79-9	Fluorene-d10		74%				
1718-52-1	Pyrene-d10		85%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 10-APR-2007 11:55
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 93.6

Lab ID: SA1351-17DL
Client ID: JAX25-SB85-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		960	10	20	210	28
91-57-6	2-Methylnaphthalene	L	110000	10	20	210	78
90-12-0	1-Methylnaphthalene	L	13000	10	20	210	98
208-96-8	Acenaphthylene	U	24	10	20	210	24
83-32-9	Acenaphthene		1400	10	20	210	63
86-73-7	Fluorene		1100	10	20	210	33
85-01-8	Phenanthrene		750	10	20	210	28
120-12-7	Anthracene	I	96	10	20	210	38
206-44-0	Fluoranthene		230	10	20	210	37
129-00-0	Pyrene	I	200	10	20	210	34
56-55-3	Benzo(a)anthracene	I	69	10	20	210	32
218-01-9	Chrysene	I	34	10	20	210	31
205-99-2	Benzo(b)fluoranthene	I	97	10	20	210	33
207-08-9	Benzo(k)fluoranthene	U	32	10	20	210	32
50-32-8	Benzo(a)pyrene	I	50	10	20	210	32
193-39-5	Indeno(1,2,3-cd)pyrene	U	48	10	20	210	48
191-24-2	Benzo(g,h,i)perylene	U	33	10	20	210	33
53-70-3	Dibenzo(a,h)anthracene	I	42	10	20	210	40
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 10-APR-2007 15:32
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 93.6

Lab ID: SA1351-17DL2
Client ID: JAX25-SB85-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	2800	1000	20	21000	2800
91-57-6	2-Methylnaphthalene		53000	1000	20	21000	7800
90-12-0	1-Methylnaphthalene		34000	1000	20	21000	9800
208-96-8	Acenaphthylene	U	2400	1000	20	21000	2400
83-32-9	Acenaphthene	U	6300	1000	20	21000	6300
86-73-7	Fluorene	U	3300	1000	20	21000	3300
85-01-8	Phenanthrene	U	2800	1000	20	21000	2800
120-12-7	Anthracene	U	3800	1000	20	21000	3800
206-44-0	Fluoranthene	U	3700	1000	20	21000	3700
129-00-0	Pyrene	U	3400	1000	20	21000	3400
56-55-3	Benzo(a)anthracene	U	3200	1000	20	21000	3200
218-01-9	Chrysene	U	3100	1000	20	21000	3100
205-99-2	Benzo(b)fluoranthene	U	3300	1000	20	21000	3300
207-08-9	Benzo(k)fluoranthene	U	3200	1000	20	21000	3200
50-32-8	Benzo(a)pyrene	U	3200	1000	20	21000	3200
193-39-5	Indeno(1,2,3-cd)pyrene	U	4800	1000	20	21000	4800
191-24-2	Benzo(g,h,i)perylene	U	3300	1000	20	21000	3300
53-70-3	Dibenzo(a,h)anthracene	U	4000	1000	20	21000	4000
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 11:26
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.8

Lab ID: SA1351-18
Client ID: JAX25-SB82-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	22	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	U	2	1.0	20	22	2
83-32-9	Acenaphthene	U	7	1.0	20	22	7
86-73-7	Fluorene	U	3	1.0	20	22	3
85-01-8	Phenanthrene	U	3	1.0	20	22	3
120-12-7	Anthracene	U	4	1.0	20	22	4
206-44-0	Fluoranthene	U	4	1.0	20	22	4
129-00-0	Pyrene	U	4	1.0	20	22	4
56-55-3	Benzo(a)anthracene	U	3	1.0	20	22	3
218-01-9	Chrysene	U	3	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene	U	3	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	22	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	5	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	U	3	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		66%				
81103-79-9	Fluorene-d10		71%				
1718-52-1	Pyrene-d10		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 17:06
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.9

Lab ID: SA1351-19
Client ID: JAX25-SB81-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	22	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	U	2	1.0	20	22	2
83-32-9	Acenaphthene	U	6	1.0	20	22	6
86-73-7	Fluorene	U	3	1.0	20	22	3
85-01-8	Phenanthrene	I	3	1.0	20	22	3
120-12-7	Anthracene	U	4	1.0	20	22	4
206-44-0	Fluoranthene	I	5	1.0	20	22	4
129-00-0	Pyrene	I	6	1.0	20	22	3
56-55-3	Benzo(a)anthracene	U	3	1.0	20	22	3
218-01-9	Chrysene	I	5	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene	U	3	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	22	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	5	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	U	3	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		75%				
81103-79-9	Fluorene-d10		77%				
1718-52-1	Pyrene-d10		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 15:40
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.7

Lab ID: SA1351-20
Client ID: JAX25-SB78-02
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	22	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	U	2	1.0	20	22	2
83-32-9	Acenaphthene	U	7	1.0	20	22	7
86-73-7	Fluorene	U	3	1.0	20	22	3
85-01-8	Phenanthrene	U	3	1.0	20	22	3
120-12-7	Anthracene	U	4	1.0	20	22	4
206-44-0	Fluoranthene	U	4	1.0	20	22	4
129-00-0	Pyrene	U	4	1.0	20	22	4
56-55-3	Benzo(a)anthracene	U	3	1.0	20	22	3
218-01-9	Chrysene	U	3	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene	U	3	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	22	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	I	6	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	I	4	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		74%				
81103-79-9	Fluorene-d10		76%				
1718-52-1	Pyrene-d10		83%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 20:44
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 93.3

Lab ID: SA1351-21
Client ID: JAX25-SB79-01
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	21	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	21	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	21	10
208-96-8	Acenaphthylene	I	9	1.0	20	21	2
83-32-9	Acenaphthene	U	6	1.0	20	21	6
86-73-7	Fluorene	U	3	1.0	20	21	3
85-01-8	Phenanthrene	I	13	1.0	20	21	3
120-12-7	Anthracene	I	6	1.0	20	21	4
206-44-0	Fluoranthene		59	1.0	20	21	4
129-00-0	Pyrene		56	1.0	20	21	3
56-55-3	Benzo(a)anthracene		49	1.0	20	21	3
218-01-9	Chrysene		45	1.0	20	21	3
205-99-2	Benzo(b)fluoranthene		77	1.0	20	21	3
207-08-9	Benzo(k)fluoranthene		29	1.0	20	21	3
50-32-8	Benzo(a)pyrene		50	1.0	20	21	3
193-39-5	Indeno(1,2,3-cd)pyrene		59	1.0	20	21	5
191-24-2	Benzo(g,h,i)perylene		38	1.0	20	21	3
53-70-3	Dibenzo(a,h)anthracene	I	13	1.0	20	21	4
7297-45-2	2-Methylnaphthalene-d10		68%				
81103-79-9	Fluorene-d10		69%				
1718-52-1	Pyrene-d10		77%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 17:48
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 89.6

Lab ID: SA1351-22
Client ID: JAX25-SB102-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	22	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	U	2	1.0	20	22	2
83-32-9	Acenaphthene	U	6	1.0	20	22	6
86-73-7	Fluorene	U	3	1.0	20	22	3
85-01-8	Phenanthrene	U	3	1.0	20	22	3
120-12-7	Anthracene	U	4	1.0	20	22	4
206-44-0	Fluoranthene	U	4	1.0	20	22	4
129-00-0	Pyrene	U	4	1.0	20	22	4
56-55-3	Benzo(a)anthracene	U	3	1.0	20	22	3
218-01-9	Chrysene	U	3	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene	U	3	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	22	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	5	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	U	3	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		60%				
81103-79-9	Fluorene-d10		64%				
1718-52-1	Pyrene-d10		75%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 16:23
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.4

Lab ID: SA1351-23
Client ID: JAX25-SB103-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	22	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	U	2	1.0	20	22	2
83-32-9	Acenaphthene	U	6	1.0	20	22	6
86-73-7	Fluorene	U	3	1.0	20	22	3
85-01-8	Phenanthrene	U	3	1.0	20	22	3
120-12-7	Anthracene	U	4	1.0	20	22	4
206-44-0	Fluoranthene	U	4	1.0	20	22	4
129-00-0	Pyrene	U	3	1.0	20	22	3
56-55-3	Benzo(a)anthracene	U	3	1.0	20	22	3
218-01-9	Chrysene	U	3	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene	U	3	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	22	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	5	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	U	3	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		67%				
81103-79-9	Fluorene-d10		68%				
1718-52-1	Pyrene-d10		79%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 03/30/07
Analysis Date: 05-APR-2007 13:53
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 100

Lab ID: WG37474-1
Client ID: WG37474-Blank
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37474
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	20	3
91-57-6	2-Methylnaphthalene	U	7	1.0	20	20	7
90-12-0	1-Methylnaphthalene	U	9	1.0	20	20	9
208-96-8	Acenaphthylene	U	2	1.0	20	20	2
83-32-9	Acenaphthene	U	6	1.0	20	20	6
86-73-7	Fluorene	U	3	1.0	20	20	3
85-01-8	Phenanthrene	U	3	1.0	20	20	3
120-12-7	Anthracene	U	4	1.0	20	20	4
206-44-0	Fluoranthene	U	4	1.0	20	20	4
129-00-0	Pyrene	U	3	1.0	20	20	3
56-55-3	Benzo(a)anthracene	U	3	1.0	20	20	3
218-01-9	Chrysene	U	3	1.0	20	20	3
205-99-2	Benzo(b)fluoranthene	U	3	1.0	20	20	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	20	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	20	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	4	1.0	20	20	4
191-24-2	Benzo(g,h,i)perylene	U	3	1.0	20	20	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	20	4
7297-45-2	2-Methylnaphthalene-d10		76%				
81103-79-9	Fluorene-d10		83%				
1718-52-1	Pyrene-d10		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 04/03/07
Analysis Date: 07-APR-2007 11:22
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 100

Lab ID: WG37524-1
Client ID: WG37524-Blank
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	20	3
91-57-6	2-Methylnaphthalene	U	7	1.0	20	20	7
90-12-0	1-Methylnaphthalene	U	9	1.0	20	20	9
208-96-8	Acenaphthylene	U	2	1.0	20	20	2
83-32-9	Acenaphthene	U	6	1.0	20	20	6
86-73-7	Fluorene	U	3	1.0	20	20	3
85-01-8	Phenanthrene	U	3	1.0	20	20	3
120-12-7	Anthracene	U	4	1.0	20	20	4
206-44-0	Fluoranthene	U	4	1.0	20	20	4
129-00-0	Pyrene	U	3	1.0	20	20	3
56-55-3	Benzo(a)anthracene	U	3	1.0	20	20	3
218-01-9	Chrysene	U	3	1.0	20	20	3
205-99-2	Benzo(b)fluoranthene	U	3	1.0	20	20	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	20	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	20	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	4	1.0	20	20	4
191-24-2	Benzo(g,h,i)perylene	U	3	1.0	20	20	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	20	4
7297-45-2	2-Methylnaphthalene-d10		79%				
81103-79-9	Fluorene-d10		80%				
1718-52-1	Pyrene-d10		85%				

FORM 2
SOIL SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Level:(low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	WG37474-BLANK	WG37474-1	76	83	96						0
02	WG37474-LCS	WG37474-2	74	83	80						0
03	JAX25-SB90-03	SA1351-1	76	91	84						0
04	JAX25-SB90-03MS	WG37474-3RA	76	90	83						0
05	JAX25-SB90-03MSD	WG37474-4RA	74	82	72						0
06	WG37524-BLANK	WG37524-1	79	80	85						0
07	WG37524-LCS	WG37524-2	72	73	74						0
08	JAX25-SB88-03	SA1351-7	74	81	78						0
09	JAX25-SB94-03	SA1351-9	73	69	85						0
10	JAX25-SB86-03	SA1351-5	77	79	81						0
11	JAX25-SB89-03	SA1351-8	66	75	75						0
12	JAX25-SB87-03	SA1351-6	79	88	89						0
13	JAX25-SB91-03	SA1351-2	70	77	79						0
14	JAX25-SB92-03	SA1351-3	81	89	88						0
15	JAX25-SB86-03MS	WG37524-3	91	100	100						0
16	JAX25-SB86-03MSD	WG37524-4	84	87	97						0
17	JAX25-SB93-03	SA1351-4	85	86	98						0
18	JAX25-SB82-03	SA1351-18	66	71	86						0
19	JAX25-SB94-03	SA1351-9DL	72	73	93						0
20	JAX25-SB95-01	SA1351-10	76	78	87						0
21	JAX25-SB99-01	SA1351-14	67	72	80						0
22	JAX25-SB83-03	SA1351-15	61	68	86						0
23	JAX25-SB84-03	SA1351-16	68	74	85						0
24	JAX25-SB78-02	SA1351-20	74	76	83						0
25	JAX25-SB103-03	SA1351-23	67	68	79						0
26	JAX25-SB81-03	SA1351-19	75	77	90						0
27	JAX25-SB102-03	SA1351-22	60	64	75						0
28	JAX25-SB97-03	SA1351-11	77	65	83						0

		QC LIMITS
S1	= 2-Methylnaphthalene-d1	(27-128)
S2	= Fluorene-d10	(34-140)
S3	= Pyrene-d10	(20-174)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

FORM 2
SOIL SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Level:(low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	JAX25-SB96-01	SA1351-12DL	D	D	D						0
02	JAX25-SB79-01	SA1351-21	68	69	77						0
03	JAX25-SB98-01	SA1351-13	78	79	90						0
04	JAX25-SB85-03	SA1351-17DL	D	D	D						0
05	JAX25-SB95-01	SA1351-10DL	74	76	86						0
06	JAX25-SB97-03	SA1351-11DL	D	D	D						0
07	JAX25-SB96-01	SA1351-12DL2	D	D	D						0
08	JAX25-SB98-01	SA1351-13DL	D	D	D						0
09	JAX25-SB85-03	SA1351-17DL2	D	D	D						0
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											

		QC LIMITS
S1	= 2-Methylnaphthalene-d1	(27-128)
S2	= Fluorene-d10	(34-140)
S3	= Pyrene-d10	(20-174)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 03/30/07
Analysis Date: 04/05/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37474-2
Client ID: WG37474-LCS
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37474
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Naphthalene	67	NA	47	71	34-106
2-Methylnaphthalene	67	NA	61	92	30-148
1-Methylnaphthalene	67	NA	44	65	30-150
Acenaphthylene	67	NA	53	80	51-114
Acenaphthene	67	NA	47	71	47-108
Fluorene	67	NA	51	76	53-119
Phenanthrene	67	NA	52	77	53-130
Anthracene	67	NA	54	81	53-121
Fluoranthene	67	NA	64	97	51-139
Pyrene	67	NA	53	80	31-124
Benzo(a)anthracene	67	NA	70	104	42-143
Chrysene	67	NA	55	82	36-126
Benzo(b)fluoranthene	67	NA	68	102	36-148
Benzo(k)fluoranthene	67	NA	64	95	33-139
Benzo(a)pyrene	67	NA	59	88	44-130
Indeno(1,2,3-cd)pyrene	67	NA	46	68	23-142
Benzo(g,h,i)perylene	67	NA	49	74	30-119
Dibenzo(a,h)anthracene	67	NA	46	70	22-133

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 04/03/07
Analysis Date: 04/07/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37524-2
Client ID: WG37524-LCS
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Naphthalene	67	NA	46	68	34-106
2-Methylnaphthalene	67	NA	50	75	30-148
1-Methylnaphthalene	67	NA	39	58	30-150
Acenaphthylene	67	NA	46	69	51-114
Acenaphthene	67	NA	44	67	47-108
Fluorene	67	NA	45	68	53-119
Phenanthrene	67	NA	51	76	53-130
Anthracene	67	NA	47	71	53-121
Fluoranthene	67	NA	60	91	51-139
Pyrene	67	NA	49	73	31-124
Benzo(a)anthracene	67	NA	61	91	42-143
Chrysene	67	NA	51	77	36-126
Benzo(b)fluoranthene	67	NA	52	78	36-148
Benzo(k)fluoranthene	67	NA	49	74	33-139
Benzo(a)pyrene	67	NA	50	74	44-130
Indeno(1,2,3-cd)pyrene	67	NA	64	96	23-142
Benzo(g,h,i)perylene	67	NA	46	70	30-119
Dibenzo(a,h)anthracene	67	NA	50	75	22-133

FORM III SV-2

R3767.D

KATAHDIN ANALYTICAL SERVICES
MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 04/07/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37524-3 & WG37524-4
Client ID: JAX25-SB86-03MS & JAX25-SB86-03MSD
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

COMPOUND	MS SPIKE	MSD SPIKE	SAMPLE CONC.	MS CONC.	MSD CONC.	MS %REC.	MSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Naphthalene	84	84	0.00	70	80	83	95	14	30	34-106
2-Methylnaphthalene	84	84	0.00	84	78	100	93	7	30	30-148
1-Methylnaphthalene	84	84	0.00	63	60	75	71	5	30	30-150
Acenaphthylene	84	84	0.00	77	87	92	104	13	30	51-114
Acenaphthene	84	84	0.00	76	76	90	91	0.9	30	47-108
Fluorene	84	84	0.00	77	79	92	94	2	30	53-119
Phenanthrene	84	84	9.0	85	177	91 *	201 *	70	30	53-130
Anthracene	84	84	9.5	82	132	86 *	146 *	47	30	53-121
Fluoranthene	84	84	30	97	485	80 *	544 *	130	30	51-139
Pyrene	84	84	24	92	575	82 *	658 *	140	30	31-124
Benzo(a)anthracene	84	84	40	116	843	90 *	959 *	150	30	42-143
Chrysene	84	84	53	88	729	43 *	808 *	160	30	36-126
Benzo(b)fluoranthene	84	84	151	154	1480	* 4 *	1588 *	160	30	36-148
Benzo(k)fluoranthene	84	84	49	87	558	46 *	609 *	140	30	33-139
Benzo(a)pyrene	84	84	73	101	964	* 33 *	1064 *	160	30	44-130
Indeno(1,2,3-cd)pyrene	84	84	142	165	0.0	27 *	0		30	23-142
Benzo(g,h,i)perylene	84	84	106	105	524	NC *	500 *	130	30	30-119
Dibenzo(a,h)anthracene	84	84	29	86	232	68 *	243 *	92	30	22-133

FORM III SV-2

R3777.D & R3778.D

KATAHDIN ANALYTICAL SERVICES
MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 04/06/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37474-3RA& WG37474-4RA
Client ID: JAX25-SB90-03MS & JAX25-SB90-03MSD
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37474
Units: ug/Kgdrywt

COMPOUND	MS SPIKE	MSD SPIKE	SAMPLE CONC.	MS CONC.	MSD CONC.	MS %REC.	MSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Naphthalene	92	92	0.00	65	62	71	67	6	50	33-103
2-Methylnaphthalene	92	92	0.00	81	77	87	83	4	50	66-136
Acenaphthylene	92	92	0.00	80	73	87	79	10	50	50-115
Acenaphthene	92	92	0.00	76	70	83	75	9	50	44-102
Fluorene	92	92	0.00	78	72	84	77	9	50	48-120
Phenanthrene	92	92	0.00	89	81	96	87	10	50	39-132
Anthracene	92	92	0.00	85	76	92	82	11	50	42-117
Fluoranthene	92	92	12	103	97	99	92	6	50	32-154
Pyrene	92	92	7.4	88	76	87	74	14	50	36-108
Benzo(a)anthracene	92	92	8.8	109	97	108	95	12	50	37-153
Chrysene	92	92	0.00	85	78	92	84	9	50	28-121
Benzo(b)fluoranthene	92	92	0.00	92	86	100	93	7	50	37-147
Benzo(k)fluoranthene	92	92	0.00	73	69	79	74	6	50	46-114
Benzo(a)pyrene	92	92	5.9	87	78	87	77	11	50	47-109
Indeno(1,2,3-cd)pyrene	92	92	0.00	103	86	111	93	18	50	16-137
Benzo(g,h,i)perylene	92	92	12	75	59	68	51	24	50	10-110
Dibenzo(a,h)anthracene	92	92	0.00	68	57	74	62	18	50	24-130

FORM III SV-2

R3763.D & R3764.D

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG37474-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: R3737 Lab Sample ID: WG37474-1

Instrument ID: GCMS-R Date Extracted: 03/30/07

Matrix: (soil/water) SOIL Date Analyzed: 04/05/07

Level:(low/med) LOW Time Analyzed: 1353

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG37474-LCS	WG37474-2	R3738	04/05/07	1436
02	JAX25-SB90-03	SA1351-1	R3745	04/05/07	1937
03	JAX25-SB90-03MS	WG37474-3RA	R3763	04/06/07	2240
04	JAX25-SB90-03MSD	WG37474-4RA	R3764	04/06/07	2322
05	JAX25-SB91-03	SA1351-2	R3773	04/07/07	1615
06	JAX25-SB92-03	SA1351-3	R3774	04/07/07	1657
07	JAX25-SB93-03	SA1351-4	R3780	04/07/07	2108
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV SV

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG37524-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: R3766 Lab Sample ID: WG37524-1

Instrument ID: GCMS-R Date Extracted: 04/03/07

Matrix: (soil/water) SOIL Date Analyzed: 04/07/07

Level:(low/med) LOW Time Analyzed: 1122

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG37524-LCS	WG37524-2	R3767	04/07/07	1204
02	JAX25-SB88-03	SA1351-7	R3768	04/07/07	1246
03	JAX25-SB94-03	SA1351-9	R3769	04/07/07	1327
04	JAX25-SB86-03	SA1351-5	R3770	04/07/07	1409
05	JAX25-SB89-03	SA1351-8	R3771	04/07/07	1451
06	JAX25-SB87-03	SA1351-6	R3772	04/07/07	1533
07	JAX25-SB86-03MS	WG37524-3	R3777	04/07/07	1903
08	JAX25-SB86-03MSD	WG37524-4	R3778	04/07/07	1945
09	JAX25-SB82-03	SA1351-18	R3782	04/09/07	1126
10	JAX25-SB94-03	SA1351-9DL	R3783	04/09/07	1208
11	JAX25-SB95-01	SA1351-10	R3784	04/09/07	1251
12	JAX25-SB99-01	SA1351-14	R3785	04/09/07	1334
13	JAX25-SB83-03	SA1351-15	R3786	04/09/07	1416
14	JAX25-SB84-03	SA1351-16	R3787	04/09/07	1458
15	JAX25-SB78-02	SA1351-20	R3788	04/09/07	1540
16	JAX25-SB103-03	SA1351-23	R3789	04/09/07	1623
17	JAX25-SB81-03	SA1351-19	R3790	04/09/07	1706
18	JAX25-SB102-03	SA1351-22	R3791	04/09/07	1748
19	JAX25-SB97-03	SA1351-11	R3792	04/09/07	1832
20	JAX25-SB96-01	SA1351-12DL	R3794	04/09/07	2000
21	JAX25-SB79-01	SA1351-21	R3795	04/09/07	2044
22	JAX25-SB98-01	SA1351-13	R3796	04/09/07	2128
23	JAX25-SB85-03	SA1351-17DL	R3799	04/10/07	1155
24	JAX25-SB95-01	SA1351-10DL	R3800	04/10/07	1238
25	JAX25-SB97-03	SA1351-11DL	R3801	04/10/07	1321
26	JAX25-SB96-01	SA1351-12DL2	R3802	04/10/07	1403
27	JAX25-SB98-01	SA1351-13DL	R3803	04/10/07	1450
28	JAX25-SB85-03	SA1351-17DL2	R3804	04/10/07	1532
29					
30					

COMMENTS:

FORM IV SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: RD288 DFTPP Injection Date: 04/04/07

Instrument ID: GCMS-R DFTPP Injection Time: 0907

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	33.6
68	Less than 2.0% of mass 69	0.4 (1.2)1
69	Less than 100.0% of mass 198	35.7
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	52.4
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 30.0% of mass 198	22.7
365	1.0 - 100.0% of mass 198	3.0
441	0.0 - 100.0% of mass 443	11.3 (73.8)2
442	40.0 - 100.0% of mass 198	79.0
443	17.0 - 23.0% of mass 442	15.2 (19.3)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00R0404	R3716	04/04/07	0926
02		SSTD2.00R0404	R3719	04/04/07	1139
03		SSTD0.50R0404	R3720	04/04/07	1221
04		SSTD0.20R0404	R3721	04/04/07	1304
05		SSTD5.00R0404	R3722	04/04/07	1346
06		SSTD3.00R0404	R3723	04/04/07	1428
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: RD289 DFTPP Injection Date: 04/05/07

Instrument ID: GCMS-R DFTPP Injection Time: 0959

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	34.9
68	Less than 2.0% of mass 69	0.5 (1.3)1
69	Less than 100.0% of mass 198	36.8
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	52.3
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.0
275	10.0 - 30.0% of mass 198	21.5
365	1.0 - 100.0% of mass 198	2.9
441	0.0 - 100.0% of mass 443	10.4 (73.8)2
442	40.0 - 100.0% of mass 198	72.5
443	17.0 - 23.0% of mass 442	14.1 (19.5)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00R0405	R3733	04/05/07	1104
02	WG37474-BLANK	WG37474-1	R3737	04/05/07	1353
03	WG37474-LCS	WG37474-2	R3738	04/05/07	1436
04	JAX25-SB90-03	SA1351-1	R3745	04/05/07	1937
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: RD290 DFTPP Injection Date: 04/06/07

Instrument ID: GCMS-R DFTPP Injection Time: 1130

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	33.6
68	Less than 2.0% of mass 69	0.5 (1.3)1
69	Less than 100.0% of mass 198	35.9
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	52.0
197	Less than 1.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 30.0% of mass 198	21.1
365	1.0 - 100.0% of mass 198	2.7
441	0.0 - 100.0% of mass 443	10.8 (73.9)2
442	40.0 - 100.0% of mass 198	74.7
443	17.0 - 23.0% of mass 442	14.6 (19.6)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00R0406	R3748	04/06/07	1149
02		SSTD5.00R0406	R3749	04/06/07	1238
03		SSTD0.50R0406	R3752	04/06/07	1446
04		SSTD0.20R0406	R3753	04/06/07	1528
05		SSTD3.00R0406	R3754	04/06/07	1611
06		SSTD2.00R0406	R3755	04/06/07	1653
07	JAX25-SB90-03MS	WG37474-3RA	R3763	04/06/07	2240
08	JAX25-SB90-03MSD	WG37474-4RA	R3764	04/06/07	2322
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: RD291 DFTPP Injection Date: 04/07/07

Instrument ID: GCMS-R DFTPP Injection Time: 1022

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	33.4
68	Less than 2.0% of mass 69	0.5 (1.4)1
69	Less than 100.0% of mass 198	36.2
70	Less than 2.0% of mass 69	0.2 (0.6)1
127	40.0 - 60.0% of mass 198	52.0
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	21.4
365	1.0 - 100.0% of mass 198	2.9
441	0.0 - 100.0% of mass 443	11.4 (73.5)2
442	40.0 - 100.0% of mass 198	79.8
443	17.0 - 23.0% of mass 442	15.6 (19.5)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00R0407	R3765	04/07/07	1040
02	WG37524-BLANK	WG37524-1	R3766	04/07/07	1122
03	WG37524-LCS	WG37524-2	R3767	04/07/07	1204
04	JAX25-SB88-03	SA1351-7	R3768	04/07/07	1246
05	JAX25-SB94-03	SA1351-9	R3769	04/07/07	1327
06	JAX25-SB86-03	SA1351-5	R3770	04/07/07	1409
07	JAX25-SB89-03	SA1351-8	R3771	04/07/07	1451
08	JAX25-SB87-03	SA1351-6	R3772	04/07/07	1533
09	JAX25-SB91-03	SA1351-2	R3773	04/07/07	1615
10	JAX25-SB92-03	SA1351-3	R3774	04/07/07	1657
11	JAX25-SB86-03MS	WG37524-3	R3777	04/07/07	1903
12	JAX25-SB86-03MSD	WG37524-4	R3778	04/07/07	1945
13	JAX25-SB93-03	SA1351-4	R3780	04/07/07	2108
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: RD292 DFTPP Injection Date: 04/09/07

Instrument ID: GCMS-R DFTPP Injection Time: 1022

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	33.0
68	Less than 2.0% of mass 69	0.4 (1.3)1
69	Less than 100.0% of mass 198	35.4
70	Less than 2.0% of mass 69	0.2 (0.4)1
127	40.0 - 60.0% of mass 198	51.8
197	Less than 1.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 30.0% of mass 198	21.6
365	1.0 - 100.0% of mass 198	2.8
441	0.0 - 100.0% of mass 443	11.0 (75.7)2
442	40.0 - 100.0% of mass 198	74.2
443	17.0 - 23.0% of mass 442	14.5 (19.5)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00R0409	R3781	04/09/07	1042
02	JAX25-SB82-03	SA1351-18	R3782	04/09/07	1126
03	JAX25-SB94-03	SA1351-9DL	R3783	04/09/07	1208
04	JAX25-SB95-01	SA1351-10	R3784	04/09/07	1251
05	JAX25-SB99-01	SA1351-14	R3785	04/09/07	1334
06	JAX25-SB83-03	SA1351-15	R3786	04/09/07	1416
07	JAX25-SB84-03	SA1351-16	R3787	04/09/07	1458
08	JAX25-SB78-02	SA1351-20	R3788	04/09/07	1540
09	JAX25-SB103-03	SA1351-23	R3789	04/09/07	1623
10	JAX25-SB81-03	SA1351-19	R3790	04/09/07	1706
11	JAX25-SB102-03	SA1351-22	R3791	04/09/07	1748
12	JAX25-SB97-03	SA1351-11	R3792	04/09/07	1832
13	JAX25-SB96-01	SA1351-12DL	R3794	04/09/07	2000
14	JAX25-SB79-01	SA1351-21	R3795	04/09/07	2044
15	JAX25-SB98-01	SA1351-13	R3796	04/09/07	2128
16					
17					
18					
19					
20					

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: RD293 DFTPP Injection Date: 04/10/07

Instrument ID: GCMS-R DFTPP Injection Time: 1012

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	30.3
68	Less than 2.0% of mass 69	0.5 (1.4)1
69	Less than 100.0% of mass 198	33.0
70	Less than 2.0% of mass 69	0.1 (0.4)1
127	40.0 - 60.0% of mass 198	49.1
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.0
275	10.0 - 30.0% of mass 198	22.9
365	1.0 - 100.0% of mass 198	3.1
441	0.0 - 100.0% of mass 443	12.4 (73.2)2
442	40.0 - 100.0% of mass 198	86.9
443	17.0 - 23.0% of mass 442	16.9 (19.5)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00R0410	R3797	04/10/07	1031
02	JAX25-SB85-03	SA1351-17DL	R3799	04/10/07	1155
03	JAX25-SB95-01	SA1351-10DL	R3800	04/10/07	1238
04	JAX25-SB97-03	SA1351-11DL	R3801	04/10/07	1321
05	JAX25-SB96-01	SA1351-12DL2	R3802	04/10/07	1403
06	JAX25-SB98-01	SA1351-13DL	R3803	04/10/07	1450
07	JAX25-SB85-03	SA1351-17DL2	R3804	04/10/07	1532
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GCMS-R Calibration Date(s): 04/04/07 04/04/07

Column: ZB5-MS ID: 0.25 (mm) Calibration Time(s): 0926 1428

LAB FILE ID: RF0.2: R3721 RF0.5: R3720 RF1: R3716
RF2: R3719 RF3: R3723 RF5: R3722

COMPOUND	RF0.2	RF0.5	RF1	RF2	RF3	RF5	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
Naphthalene	1.126	1.069	1.035	1.025	1.010	1.024	AVRG		1.04816980		4.121	15.000
2-Methylnaphthalene	0.466	0.524	0.590	0.590	0.591	0.645	AVRG		0.56778961		11.073	15.000
Acenaphthylene	1.353	1.444	1.602	1.614	1.658	1.888	AVRG		1.59313172		11.616	15.000
Acenaphthene	1.192	1.224	1.225	1.233	1.249	1.316	AVRG		1.23971663		3.347	15.000
Fluorene	1.135	1.277	1.309	1.363	1.371	1.545	AVRG		1.33322988		10.073	15.000
Phenanthrene	1.209	1.250	1.360	1.410	1.469	1.559	AVRG		1.37618483		9.615	15.000
Anthracene	0.955	1.079	1.175	1.261	1.318	1.472	AVRG		1.21007916		15.068	15.000
Fluoranthene	6925	18724	41690	82696	114830	280000	2ORDR	4.531e-002	1.01950458	-3.34e-002	0.99978	0.99000
Pyrene	2.105	2.375	1.885	2.310	2.245	2.112	AVRG		2.17191201		8.126	15.000
Benzo(a)anthracene	2357	5538	24778	30301	44989	129910	2ORDR	-6.25e-003	1.49974893	-5.57e-002	0.99298	0.99000
Chrysene	1.692	1.758	1.418	1.446	1.398	1.449	AVRG		1.52667429		10.209	15.000
Benzo(b)fluoranthene	0.899	1.008	1.007	1.093	1.164	1.318	AVRG		1.08154761		13.521	15.000
Benzo(k)fluoranthene	1.940	2.302	2.164	2.507	2.586	2.850	AVRG		2.39151163		13.550	15.000
Benzo(a)pyrene	1.213	1.273	1.270	1.309	1.373	1.541	AVRG		1.32993883		8.729	15.000
Indeno(1,2,3-cd)pyrene	0.383	0.357	0.361	0.379	0.358	0.390	AVRG		0.37129166		3.845	15.000
Dibenzo(a,h)anthracene	0.593	0.532	0.573	0.667	0.712	0.734	AVRG		0.63515644		12.776	15.000
Benzo(g,h,i)perylene	1.160	1.193	1.222	1.343	1.358	1.279	AVRG		1.25933787		6.426	15.000
1-Methylnaphthalene	16306	34746	68090	120450	164260	303310	LINR	-9.6e-002	1.43938590		0.99925	0.99000
2-Methylnaphthalene-d10	0.414	0.435	0.436	0.426	0.413	0.445	AVRG		0.42801395		3.040	15.000
Fluorene-d10	1.088	1.287	1.321	1.337	1.347	1.510	AVRG		1.31497196		10.319	15.000
Pyrene-d10	1.358	1.511	1.215	1.475	1.429	1.377	AVRG		1.39428415		7.532	15.000

Average %RSD test result.

Calculate Average %RSD: 10.08027649
Maximum Average %RSD: 30.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GCMS-R Calibration Date(s): 04/06/07 04/06/07

Column: ZB5-MS ID: 0.25 (mm) Calibration Time(s): 1149 1653

LAB FILE ID: RF0.2: R3753 RF0.5: R3752 RF1: R3748
RF2: R3755 RF3: R3754 RF5: R3749

COMPOUND	RF0.2	RF0.5	RF1	RF2	RF3	RF5	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
Naphthalene	0.938	1.073	0.976	0.946	1.054	0.865	AVRG		0.97526016		7.969	15.000
2-Methylnaphthalene	6332	24235	57282	114430	165530	311170	2ORDR	0.14268637	1.26509084	0.14405463	0.99173	0.99000
1-Methylnaphthalene	0.978	0.732	0.761	0.694	0.741		AVRG		0.78136056		14.418	15.000
Acenaphthylene	1.340	1.706	1.740	1.705	2.027	1.865	AVRG		1.73059796		13.174	15.000
Acenaphthene	0.987	1.179	1.148	1.146	1.324	1.155	AVRG		1.15619238		9.267	15.000
Fluorene	1.058	1.344	1.358	1.356	1.568	1.423	AVRG		1.35088626		12.309	15.000
Phenanthrene	0.936	1.283	1.253	1.249	1.465	1.214	AVRG		1.23330842		13.830	15.000
Anthracene	1.012	1.294	1.264	1.256	1.449	1.204	AVRG		1.24644673		11.387	15.000
Fluoranthene	0.844	1.121	1.127	1.083	1.275	1.108	AVRG		1.09316148		12.752	15.000
Pyrene	1.549	1.944	1.729	1.868	2.175	1.598	AVRG		1.81042095		12.927	15.000
Benzo(a)anthracene	0.724	0.971	1.024	0.927	1.116	1.041	AVRG		0.96725460		14.004	15.000
Chrysene	1.285	1.435	1.244	1.239	1.391	1.209	AVRG		1.30051775		7.048	15.000
Benzo(b)fluoranthene	3717	13564	38101	56331	78273	225670	LINR	0.11899582	0.69533049		0.99379	0.99000
Benzo(k)fluoranthene	1.603	1.776	1.665	1.870	2.188	1.658	AVRG		1.79325923		12.029	15.000
Benzo(a)pyrene	1.034	1.250	1.209	1.216	1.451	1.276	AVRG		1.23941722		10.825	15.000
Indeno(1,2,3-cd)pyrene	2820	6077	24543	28431	35403	135280	2ORDR	-2.18e-002	1.70085482	-9.49e-002	0.99657	0.99000
Benzo(g,h,i)perylene	1.042	1.157	1.151	1.156	1.316	1.132	AVRG		1.15890393		7.652	15.000
Dibenzo(a,h)anthracene	2487	9549	30034	39394	52596	161450	LINR	0.11116650	0.99001579		0.99657	0.99000
2-Methylnaphthalene-d10	0.361	0.452	0.439	0.422	0.466	0.368	AVRG		0.41801244		10.478	15.000
Fluorene-d10	1.019	1.383	1.409	1.382	1.596	1.385	AVRG		1.36246612		13.767	15.000
Pyrene-d10	1.041	1.322	1.191	1.257	1.465	1.100	AVRG		1.22936985		12.509	15.000

Average %RSD test result.

Calculate Average %RSD: 11.39643478
Maximum Average %RSD: 30.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GCMS-R Calibration Date: 04/05/07 Time: 1104

Lab File ID: R3733 Init. Calib. Date(s): 04/04/07 04/04/07

Init. Calib. Times: 0926 1428

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	1.0480000	0.9888800	0.9888800	0.01	-5.64	100.00	AVRG
2-Methylnaphthalene	0.5680000	0.5133500	0.5133500	0.01	-9.62	100.00	AVRG
1-Methylnaphthalene	1.0280000	1.0000000	0.7675700	0.01	2.80	100.00	LINR
Acenaphthylene	1.5930000	1.4588000	1.4588000	0.01	-8.42	100.00	AVRG
Acenaphthene	1.2400000	1.1540000	1.1540000	0.01	-6.94	20.00	AVRG
Fluorene	1.3330000	1.2812000	1.2812000	0.01	-3.89	100.00	AVRG
Phenanthrene	1.3760000	1.2228000	1.2228000	0.01	-11.13	100.00	AVRG
Anthracene	1.2100000	1.0794000	1.0794000	0.01	-10.79	100.00	AVRG
Fluoranthene	0.9788200	1.0000000	0.9625000	0.01	-2.12	20.00	2RDR
Pyrene	2.1720000	1.8961000	1.8961000	0.01	-12.70	100.00	AVRG
Benzo(a)anthracene	0.8824500	1.0000000	0.6089400	0.01	-11.76	100.00	2RDR
Chrysene	1.5270000	1.5130000	1.5130000	0.01	-0.92	100.00	AVRG
Benzo(b)fluoranthene	1.0820000	0.8267400	0.8267400	0.01	-23.59	100.00	AVRG
Benzo(k)fluoranthene	2.3920000	2.2121000	2.2121000	0.01	-7.52	100.00	AVRG
Benzo(a)pyrene	1.3300000	1.1662000	1.1662000	0.01	-12.32	20.00	AVRG
Indeno(1,2,3-cd)pyrene	0.3710000	0.2809700	0.2809700	0.01	-24.27	100.00	AVRG
Benzo(g,h,i)perylene	1.2590000	1.0570000	1.0570000	0.01	-16.04	100.00	AVRG
Dibenzo(a,h)anthracene	0.6350000	0.4649900	0.4649900	0.01	-26.77	100.00	AVRG
2-Methylnaphthalene-d10	0.4280000	0.4110600	0.4110600	0.01	-3.96	100.00	AVRG
Fluorene-d10	1.3150000	1.2813000	1.2813000	0.01	-2.56	100.00	AVRG
Pyrene-d10	1.3940000	1.2008000	1.2008000	0.01	-13.86	100.00	AVRG

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GCMS-R Calibration Date: 04/07/07 Time: 1040

Lab File ID: R3765 Init. Calib. Date(s): 04/06/07 04/06/07

Init. Calib. Times: 1149 1653

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.9750000	0.9778800	0.9778800	0.01	0.30	100.00	AVRG
2-Methylnaphthalene	0.9053000	1.0000000	0.5778400	0.01	-9.47	100.00	2RDR
1-Methylnaphthalene	0.7810000	0.6852600	0.6852600	0.01	-12.26	100.00	AVRG
Acenaphthylene	1.7300000	1.7892000	1.7892000	0.01	3.42	100.00	AVRG
Acenaphthene	1.1560000	1.1155000	1.1155000	0.01	-3.50	20.00	AVRG
Fluorene	1.3510000	1.3086000	1.3086000	0.01	-3.14	100.00	AVRG
Phenanthrene	1.2330000	1.2102000	1.2102000	0.01	-1.85	100.00	AVRG
Anthracene	1.2460000	1.1619000	1.1619000	0.01	-6.75	100.00	AVRG
Fluoranthene	1.0930000	1.1389000	1.1389000	0.01	4.20	20.00	AVRG
Pyrene	1.8100000	1.4661000	1.4661000	0.01	-19.00	100.00	AVRG
Benzo(a)anthracene	0.9670000	1.1115000	1.1115000	0.01	14.94	100.00	AVRG
Chrysene	1.3000000	1.2432000	1.2432000	0.01	-4.37	100.00	AVRG
Benzo(b)fluoranthene	1.0541000	1.0000000	1.3791000	0.01	5.41	100.00	LINR
Benzo(k)fluoranthene	1.7930000	1.6555000	1.6555000	0.01	-7.67	100.00	AVRG
Benzo(a)pyrene	1.2390000	1.2306000	1.2306000	0.01	-0.68	20.00	AVRG
Indeno(1,2,3-cd)pyrene	0.9758600	1.0000000	0.6099300	0.01	-2.41	100.00	2RDR
Benzo(g,h,i)perylene	1.1590000	0.8646900	0.8646900	0.01	-25.39	100.00	AVRG
Dibenzo(a,h)anthracene	0.8452900	1.0000000	0.7639800	0.01	-15.47	100.00	LINR
2-Methylnaphthalene-d10	0.4180000	0.4179400	0.4179400	0.01	-0.01	100.00	AVRG
Fluorene-d10	1.3620000	1.3720000	1.3720000	0.01	0.73	100.00	AVRG
Pyrene-d10	1.2290000	1.0323000	1.0323000	0.01	-16.00	100.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GCMS-R Calibration Date: 04/09/07 Time: 1042

Lab File ID: R3781 Init. Calib. Date(s): 04/06/07 04/06/07

Init. Calib. Times: 1149 1653

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.9750000	0.9721400	0.9721400	0.01	-0.29	100.00	AVRG
2-Methylnaphthalene	0.9290300	1.0000000	0.5939200	0.01	-7.10	100.00	2RDR
1-Methylnaphthalene	0.7810000	0.6311800	0.6311800	0.01	-19.18	100.00	AVRG
Acenaphthylene	1.7300000	1.7126000	1.7126000	0.01	-1.00	100.00	AVRG
Acenaphthene	1.1560000	1.1141000	1.1141000	0.01	-3.62	20.00	AVRG
Fluorene	1.3510000	1.2887000	1.2887000	0.01	-4.61	100.00	AVRG
Phenanthrene	1.2330000	1.1950000	1.1950000	0.01	-3.08	100.00	AVRG
Anthracene	1.2460000	1.1733000	1.1733000	0.01	-5.83	100.00	AVRG
Fluoranthene	1.0930000	0.9947200	0.9947200	0.01	-8.99	20.00	AVRG
Pyrene	1.8100000	1.9135000	1.9135000	0.01	5.72	100.00	AVRG
Benzo(a)anthracene	0.9670000	0.9819300	0.9819300	0.01	1.54	100.00	AVRG
Chrysene	1.3000000	1.1824000	1.1824000	0.01	-9.05	100.00	AVRG
Benzo(b)fluoranthene	0.8808100	1.0000000	1.1298000	0.01	-11.92	100.00	LINR
Benzo(k)fluoranthene	1.7930000	1.5157000	1.5157000	0.01	-15.47	100.00	AVRG
Benzo(a)pyrene	1.2390000	1.1238000	1.1238000	0.01	-9.30	20.00	AVRG
Indeno(1,2,3-cd)pyrene	1.2461000	1.0000000	0.7859800	0.01	24.61	100.00	2RDR
Benzo(g,h,i)perylene	1.1590000	1.0547000	1.0547000	0.01	-9.00	100.00	AVRG
Dibenzo(a,h)anthracene	0.9767400	1.0000000	0.8967700	0.01	-2.33	100.00	LINR
2-Methylnaphthalene-d10	0.4180000	0.4308500	0.4308500	0.01	3.07	100.00	AVRG
Fluorene-d10	1.3620000	1.3117000	1.3117000	0.01	-3.69	100.00	AVRG
Pyrene-d10	1.2290000	1.3205000	1.3205000	0.01	7.44	100.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GCMS-R Calibration Date: 04/10/07 Time: 1031

Lab File ID: R3797 Init. Calib. Date(s): 04/06/07 04/06/07

Init. Calib. Times: 1149 1653

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.9750000	0.9366000	0.9366000	0.01	-3.94	100.00	AVRG
2-Methylnaphthalene	0.9247200	1.0000000	0.5910000	0.01	-7.53	100.00	2RDR
1-Methylnaphthalene	0.7810000	0.7383300	0.7383300	0.01	-5.46	100.00	AVRG
Acenaphthylene	1.7300000	1.7160000	1.7160000	0.01	-0.81	100.00	AVRG
Acenaphthene	1.1560000	1.1036000	1.1036000	0.01	-4.53	20.00	AVRG
Fluorene	1.3510000	1.2955000	1.2955000	0.01	-4.11	100.00	AVRG
Phenanthrene	1.2330000	1.1538000	1.1538000	0.01	-6.42	100.00	AVRG
Anthracene	1.2460000	1.1693000	1.1693000	0.01	-6.16	100.00	AVRG
Fluoranthene	1.0930000	1.0640000	1.0640000	0.01	-2.65	20.00	AVRG
Pyrene	1.8100000	1.7143000	1.7143000	0.01	-5.29	100.00	AVRG
Benzo(a)anthracene	0.9670000	1.1278000	1.1278000	0.01	16.63	100.00	AVRG
Chrysene	1.3000000	1.2069000	1.2069000	0.01	-7.16	100.00	AVRG
Benzo(b)fluoranthene	0.8931200	1.0000000	1.1475000	0.01	-10.69	100.00	LINR
Benzo(k)fluoranthene	1.7930000	1.3972000	1.3972000	0.01	-22.08	100.00	AVRG
Benzo(a)pyrene	1.2390000	1.1544000	1.1544000	0.01	-6.83	20.00	AVRG
Indeno(1,2,3-cd)pyrene	1.2220000	1.0000000	0.7700600	0.01	22.20	100.00	2RDR
Benzo(g,h,i)perylene	1.1590000	1.0498000	1.0498000	0.01	-9.42	100.00	AVRG
Dibenzo(a,h)anthracene	0.9983900	1.0000000	0.9186300	0.01	-0.16	100.00	LINR
2-Methylnaphthalene-d10	0.4180000	0.4291100	0.4291100	0.01	2.66	100.00	AVRG
Fluorene-d10	1.3620000	1.3289000	1.3289000	0.01	-2.43	100.00	AVRG
Pyrene-d10	1.2290000	1.1964000	1.1964000	0.01	-2.65	100.00	AVRG

FORM VII PEST

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): R3733 Date Analyzed: 04/05/07

Instrument ID: GCMS-R Time Analyzed: 1104

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	18610	8.89	68483	11.74	31696	15.93
UPPER LIMIT	37220	9.39	136966	12.24	63392	16.43
LOWER LIMIT	9305	8.39	34242	11.24	15848	15.43

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG37474-BLANK	WG37474-1	23726	8.89	89042	11.74	40701	15.93
02	WG37474-LCS	WG37474-2	22606	8.88	87164	11.73	41135	15.92
03	JAX25-SB90-03	SA1351-1	23133	8.89	95887	11.74	44708	15.93
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): R3733 Date Analyzed: 04/05/07

Instrument ID: GCMS-R Time Analyzed: 1104

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD		41143	19.51	26471	25.92	13072	29.12
UPPER LIMIT		82286	20.01	52942	26.42	26144	29.62
LOWER LIMIT		20572	19.01	13236	25.42	6536	28.62
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	WG37474-BLANK	WG37474-1	58247	19.51	29164	25.93	13556	29.12
02	WG37474-LCS	WG37474-2	57614	19.49	37117	25.92	15808	29.11
03	JAX25-SB90-03	SA1351-1	60675	19.53	32880	25.93	23188	29.11
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): R3748 Date Analyzed: 04/06/07

Instrument ID: GCMS-R Time Analyzed: 1149

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD		19775	8.87	79240	11.73	39670	15.92
UPPER LIMIT		39550	9.37	158480	12.23	79340	16.42
LOWER LIMIT		9888	8.37	39620	11.23	19835	15.42
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 JAX25-SB90-03MS	WG37474-3RA	24155	8.88	94306	11.72	47791	15.90
02 JAX25-SB90-03MSD	WG37474-4RA	25900	8.87	104680	11.72	54870	15.90
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): R3748 Date Analyzed: 04/06/07

Instrument ID: GCMS-R Time Analyzed: 1149

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	53492	19.49	38056	25.90	25469	29.10
UPPER LIMIT	106984	19.99	76112	26.40	50938	29.60
LOWER LIMIT	26746	18.99	19028	25.40	12735	28.60

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	JAX25-SB90-03MS	WG37474-3RA	67315	19.49	47585	25.90	34461	29.10
02	JAX25-SB90-03MSD	WG37474-4RA	79252	19.49	61756	25.90	40942	29.10
03								
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): R3765 Date Analyzed: 04/07/07

Instrument ID: GCMS-R Time Analyzed: 1040

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	20441	8.86	78252	11.71	37671	15.90
UPPER LIMIT	40882	9.36	156504	12.21	75342	16.40
LOWER LIMIT	10221	8.36	39126	11.21	18836	15.40

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG37524-BLANK	WG37524-1	25142	8.88	100163	11.73	51990	15.90
02	WG37524-LCS	WG37524-2	27234	8.87	105636	11.71	55063	15.90
03	JAX25-SB88-03	SA1351-7	25350	8.88	99026	11.72	47906	15.90
04	JAX25-SB94-03	SA1351-9	22807	8.88	91349	11.72	45886	15.90
05	JAX25-SB86-03	SA1351-5	23548	8.87	94847	11.73	47785	15.90
06	JAX25-SB89-03	SA1351-8	25415	8.87	100617	11.73	51997	15.90
07	JAX25-SB87-03	SA1351-6	26389	8.88	104062	11.72	54543	15.90
08	JAX25-SB91-03	SA1351-2	26139	8.87	104758	11.72	53319	15.90
09	JAX25-SB92-03	SA1351-3	26296	8.87	106544	11.72	55678	15.90
10	JAX25-SB86-03MS	WG37524-3	23090	8.88	93667	11.73	50716	15.90
11	JAX25-SB86-03MSD	WG37524-4	23708	8.87	80972	11.72	42426	15.92
12	JAX25-SB93-03	SA1351-4	22667	8.87	85662	11.73	44478	15.92
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): R3765 Date Analyzed: 04/07/07

Instrument ID: GCMS-R Time Analyzed: 1040

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	52411	19.47	43059	25.90	25166	29.09
UPPER LIMIT	104822	19.97	86118	26.40	50332	29.59
LOWER LIMIT	26206	18.97	21530	25.40	12583	28.59

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG37524-BLANK	WG37524-1	72710	19.49	56541	25.90	38232	29.10
02	WG37524-LCS	WG37524-2	78142	19.47	61104	25.89	41392	29.09
03	JAX25-SB88-03	SA1351-7	66729	19.47	51356	25.90	39259	29.09
04	JAX25-SB94-03	SA1351-9	61008	19.47	48392	25.90	33954	29.09
05	JAX25-SB86-03	SA1351-5	65955	19.47	45151	25.90	31044	29.10
06	JAX25-SB89-03	SA1351-8	72495	19.49	54745	25.90	41059	29.10
07	JAX25-SB87-03	SA1351-6	76699	19.49	51145	25.90	35973	29.10
08	JAX25-SB91-03	SA1351-2	72791	19.49	49788	25.90	38359	29.10
09	JAX25-SB92-03	SA1351-3	78188	19.49	54956	25.90	39017	29.11
10	JAX25-SB86-03MS	WG37524-3	74270	19.49	46777	25.92	28924	29.11
11	JAX25-SB86-03MSD	WG37524-4	56633	19.49	27590	25.92	21148	29.12
12	JAX25-SB93-03	SA1351-4	57053	19.49	27761	25.93	16272	29.12
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): R3781 Date Analyzed: 04/09/07

Instrument ID: GCMS-R Time Analyzed: 1042

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	16460	8.87	67674	11.71	34971	15.90
UPPER LIMIT	32920	9.37	135348	12.21	69942	16.40
LOWER LIMIT	8230	8.37	33837	11.21	17486	15.40

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	JAX25-SB82-03	SA1351-18	17918	8.87	71341	11.73	39044	15.90
02	JAX25-SB94-03	SA1351-9DL	18532	8.87	73495	11.71	38245	15.90
03	JAX25-SB95-01	SA1351-10	19917	8.87	77596	11.71	42326	15.90
04	JAX25-SB99-01	SA1351-14	18416	8.87	74432	11.71	39006	15.90
05	JAX25-SB83-03	SA1351-15	20508	8.87	81870	11.73	42700	15.90
06	JAX25-SB84-03	SA1351-16	19164	8.87	78058	11.72	41532	15.90
07	JAX25-SB78-02	SA1351-20	19846	8.87	80403	11.73	41439	15.90
08	JAX25-SB103-03	SA1351-23	18956	8.87	75915	11.73	39972	15.90
09	JAX25-SB81-03	SA1351-19	20975	8.87	86011	11.71	45360	15.90
10	JAX25-SB102-03	SA1351-22	21013	8.87	84747	11.73	44224	15.90
11	JAX25-SB97-03	SA1351-11	19682	8.87	82677	11.71	46256	15.90
12	JAX25-SB96-01	SA1351-12DL	16455	8.86	67598	11.71	38598	15.90
13	JAX25-SB79-01	SA1351-21	18685	8.87	75700	11.73	40638	15.92
14	JAX25-SB98-01	SA1351-13	17675	8.87	72499	11.71	40100	15.90
15								
16								
17								
18								
19								
20								

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): R3781 Date Analyzed: 04/09/07

Instrument ID: GCMS-R Time Analyzed: 1042

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	45406	19.47	24339	25.90	16204	29.09
UPPER LIMIT	90812	19.97	48678	26.40	32408	29.59
LOWER LIMIT	22703	18.97	12170	25.40	8102	28.59

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	JAX25-SB82-03	SA1351-18	53827	19.47	32657	25.90	22996	29.09
02	JAX25-SB94-03	SA1351-9DL	51708	19.47	31312	25.90	22626	29.09
03	JAX25-SB95-01	SA1351-10	60494	19.47	36830	25.89	25042	29.09
04	JAX25-SB99-01	SA1351-14	57164	19.47	37810	25.89	27121	29.09
05	JAX25-SB83-03	SA1351-15	55317	19.48	29316	25.90	19833	29.09
06	JAX25-SB84-03	SA1351-16	58433	19.47	38010	25.90	27508	29.09
07	JAX25-SB78-02	SA1351-20	56315	19.49	34005	25.90	22805	29.09
08	JAX25-SB103-03	SA1351-23	56034	19.49	32576	25.90	22856	29.09
09	JAX25-SB81-03	SA1351-19	61748	19.47	34284	25.90	24621	29.10
10	JAX25-SB102-03	SA1351-22	57464	19.49	37073	25.90	28687	29.09
11	JAX25-SB97-03	SA1351-11	56659	19.49	34640	25.90	28436	29.10
12	JAX25-SB96-01	SA1351-12DL	55829	19.47	31171	25.90	20270	29.10
13	JAX25-SB79-01	SA1351-21	56839	19.49	35107	25.90	22960	29.10
14	JAX25-SB98-01	SA1351-13	59510	19.49	28199	25.92	19938	29.12
15								
16								
17								
18								
19								
20								

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): R3797 Date Analyzed: 04/10/07

Instrument ID: GCMS-R Time Analyzed: 1031

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	14570	8.85	60736	11.71	32123	15.90
UPPER LIMIT	29140	9.35	121472	12.21	64246	16.40
LOWER LIMIT	7285	8.35	30368	11.21	16062	15.40

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	JAX25-SB85-03	SA1351-17DL	24032	8.86	86823	11.72	29271	15.93
02	JAX25-SB95-01	SA1351-10DL	18500	8.86	71564	11.71	38406	15.90
03	JAX25-SB97-03	SA1351-11DL	16102	8.85	64602	11.71	35321	15.90
04	JAX25-SB96-01	SA1351-12DL2	17716	8.85	70107	11.71	37656	15.90
05	JAX25-SB98-01	SA1351-13DL	13451	8.85	52821	11.71	29179	15.90
06	JAX25-SB85-03	SA1351-17DL2	15585	8.86	67985	11.71	39832	15.90
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): R3797 Date Analyzed: 04/10/07

Instrument ID: GCMS-R Time Analyzed: 1031

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD		44306	19.47	28189	25.89	21748	29.09
UPPER LIMIT		88612	19.97	56378	26.39	43496	29.59
LOWER LIMIT		22153	18.97	14095	25.39	10874	28.59
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	JAX25-SB85-03	SA1351-17DL	43731	19.47	29476	25.89	23704	29.09
02	JAX25-SB95-01	SA1351-10DL	53920	19.47	33040	25.89	25545	29.09
03	JAX25-SB97-03	SA1351-11DL	48035	19.47	28161	25.89	21250	29.09
04	JAX25-SB96-01	SA1351-12DL2	53759	19.47	36557	25.89	29514	29.09
05	JAX25-SB98-01	SA1351-13DL	41379	19.47	29128	25.89	22605	29.09
06	JAX25-SB85-03	SA1351-17DL2	54193	19.49	31333	25.90	25146	29.09
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 09-APR-2007 18:03
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 72.0

Lab ID: SA1351-1RA
Client ID: JAX25-SB90-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	76	1.0	20	28	3.1
	n-Triacontane-D62		115%				
	O-Terphenyl		J120%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 09-APR-2007 19:18
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.3

Lab ID: SA1351-2RA
Client ID: JAX25-SB91-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	51	1.0	20	23	2.5
	n-Triacontane-D62		109%				
	O-Terphenyl		J111%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 09-APR-2007 20:34
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 83.1

Lab ID: SA1351-3
Client ID: JAX25-SB92-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	66	1.0	20	24	2.7
	n-Triacontane-D62		105%				
	O-Terphenyl		106%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 02:50
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 89.6

Lab ID: SA1351-4DL
Client ID: JAX25-SB93-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	190	2.0	20	45	5.0
	n-Triacontane-D62		98%				
	O-Terphenyl		103%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 22:50
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 79.7

Lab ID: SA1351-5DL
Client ID: JAX25-SB86-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	300	2.0	20	50	5.6
	n-Triacontane-D62		108%				
	O-Terphenyl		J110%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 11-APR-2007 00:05
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.0

Lab ID: SA1351-6RA
Client ID: JAX25-SB87-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	82	1.0	20	22	2.4
	n-Triacontane-D62		106%				
	O-Terphenyl		J110%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 09-APR-2007 23:04
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.5

Lab ID: SA1351-7
Client ID: JAX25-SB88-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IV	13	1.0	20	22	2.4
	n-Triacontane-D62		83%				
	O-Terphenyl		102%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 05:21
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 93.2

Lab ID: SA1351-8
Client ID: JAX25-SB89-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IV	17	1.0	20	21	2.4
	n-Triacontane-D62		70%				
	O-Terphenyl		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 00:20
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 89.5

Lab ID: SA1351-9
Client ID: JAX25-SB94-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	26	1.0	20	22	2.5
	n-Triacontane-D62		81%				
	O-Terphenyl		100%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 01:35
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.9

Lab ID: SA1351-10
Client ID: JAX25-SB95-01
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	49	1.0	20	22	2.4
	n-Triacontane-D62		76%				
	O-Terphenyl		95%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 06:36
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 83.4

Lab ID: SA1351-11
Client ID: JAX25-SB97-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	180	1.0	20	24	2.7
	n-Triacontane-D62		63%				
	O-Terphenyl		79%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 11-APR-2007 02:36
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 91.9

Lab ID: SA1351-12DL2
Client ID: JAX25-SB96-01
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	3700	30	20	650	73
	n-Triacontane-D62		D				
	O-Terphenyl		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 11-APR-2007 01:21
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 76.0

Lab ID: SA1351-13DL2
Client ID: JAX25-SB98-01
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	1100	10	20	260	29
	n-Triacontane-D62		D				
	O-Terphenyl		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 02:50
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 94.0

Lab ID: SA1351-14
Client ID: JAX25-SB99-01
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	25	1.0	20	21	2.4
	n-Triacontane-D62		76%				
	O-Terphenyl		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 04:05
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 72.9

Lab ID: SA1351-15
Client ID: JAX25-SB83-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IV	15	1.0	20	27	3.0
	n-Triacontane-D62		70%				
	O-Terphenyl		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 20:20
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.5

Lab ID: SA1351-16
Client ID: JAX25-SB84-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IV	9.1	1.0	20	22	2.5
	n-Triacontane-D62		105%				
	O-Terphenyl		108%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 11-APR-2007 09:16
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 93.6

Lab ID: SA1351-17DL2
Client ID: JAX25-SB85-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	12000	100	20	2100	240
	n-Triacontane-D62		D				
	O-Terphenyl		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 16:35
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.8

Lab ID: SA1351-18
Client ID: JAX25-SB82-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	30	1.0	20	22	2.5
	n-Triacontane-D62		102%				
	O-Terphenyl		105%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 17:49
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.9

Lab ID: SA1351-19
Client ID: JAX25-SB81-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	98	1.0	20	22	2.4
	n-Triacontane-D62		103%				
	O-Terphenyl		108%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 19:04
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.7

Lab ID: SA1351-20
Client ID: JAX25-SB78-02
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	26	1.0	20	22	2.5
	n-Triacontane-D62		105%				
	O-Terphenyl		105%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/04/07
Analysis Date: 11-APR-2007 03:51
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 93.3

Lab ID: SA1351-21
Client ID: JAX25-SB79-01
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	JV	110	1.0	20	21	2.4
	n-Triacontane-D62		95%				
	O-Terphenyl		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/04/07
Analysis Date: 06-APR-2007 07:17
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 89.6

Lab ID: SA1351-22
Client ID: JAX25-SB102-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: HC
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IJV	13	1.0	20	22	2.5
	n-Triacontane-D62		111%				
	O-Terphenyl		J111%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/04/07
Analysis Date: 06-APR-2007 08:32
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.4

Lab ID: SA1351-23
Client ID: JAX25-SB103-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: HC
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IJV	7.3	1.0	20	22	2.4
	n-Triacontane-D62		109%				
	O-Terphenyl		107%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 03/30/07
Analysis Date: 06-APR-2007 14:46
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 100

Lab ID: WG37445-1RA
Client ID: WG37445-Blank
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	I	9.6	1.0	20	20	2.2
	n-Triacontane-D62		118%				
	O-Terphenyl		J115%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 03/30/07
Analysis Date: 09-APR-2007 21:49
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 100

Lab ID: WG37445-1RA2
Client ID: WG37445-Blank
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	I	4.9	1.0	20	20	2.2
	n-Triacontane-D62		84%				
	O-Terphenyl		103%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 04/04/07
Analysis Date: 06-APR-2007 02:16
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 100

Lab ID: WG37547-1
Client ID: WG37547-Blank
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: HC
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	I	6.9	1.0	20	20	2.2
	n-Triacontane-D62		104%				
	O-Terphenyl		103%				

FORM 2
SOIL FL-PRO SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Level:(low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 OTP#	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	WG37547-BLANK	WG37547-1	104	103							0
02	WG37547-LCS	WG37547-2	62	62							0
03	WG37547-LCSD	WG37547-3	102	101							0
04	JAX25-SB102-03	SA1351-22	111	111J							1
05	JAX25-SB103-03	SA1351-23	109	107							0
06	WG37445-BLANK	WG37445-1RA	118	115J							1
07	WG37445-LCS	WG37445-2RA	112	112J							1
08	JAX25-SB90-03	SA1351-1RA	115	120J							1
09	JAX25-SB91-03	SA1351-2RA	109	111J							1
10	JAX25-SB92-03	SA1351-3	105	106							0
11	WG37445-BLANK	WG37445-1RA2	84	103							0
12	JAX25-SB88-03	SA1351-7	83	102							0
13	JAX25-SB90-03MS	WG37445-3	103	109							0
14	JAX25-SB94-03	SA1351-9	81	100							0
15	JAX25-SB95-01	SA1351-10	76	95							0
16	JAX25-SB90-03MSD	WG37445-4	119J	123J							2
17	JAX25-SB99-01	SA1351-14	76	93							0
18	JAX25-SB93-03	SA1351-4DL	98	103							0
19	JAX25-SB83-03	SA1351-15	70	86							0
20	JAX25-SB89-03	SA1351-8	70	86							0
21	JAX25-SB97-03	SA1351-11	63	79							0
22	JAX25-SB82-03	SA1351-18	102	105							0
23	JAX25-SB81-03	SA1351-19	103	108							0
24	JAX25-SB78-02	SA1351-20	105	105							0
25	JAX25-SB84-03	SA1351-16	105	108							0
26	JAX25-SB86-03	SA1351-5DL	108	110J							1
27	JAX25-SB87-03	SA1351-6RA	106	110J							1
28	JAX25-SB98-01	SA1351-13DL2	D	D							0

		QC LIMITS
S1	= n-Triacontane-D62	(60-118)
S2 (OTP)	= O-Terphenyl	(62-109)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

FORM 2
SOIL FL-PRO SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Level:(low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 OTP#	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	JAX25-SB96-01	SA1351-12DL2	D	D							0
02	JAX25-SB79-01	SA1351-21	95	98							0
03	JAX25-SB85-03	SA1351-17DL2	D	D							0
04											
05											
06											
07											
08											
09											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											

		QC LIMITS
S1	= n-Triacontane-D62	(60-118)
S2 (OTP)	= O-Terphenyl	(62-109)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 03/30/07
Analysis Date: 04/06/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37445-2RA
Client ID: WG37445-LCS
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Petroleum Range Organics	57	NA	63	111	63-153

FORM III SV-2

CAD1040.d

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 04/04/07
Analysis Date: 04/06/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37547-2 & WG37547-3
Client ID: WG37547-LCS & WG37547-LCSD
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: HC
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.		%RPD	%RPD LIMIT	QC. LIMITS
Petroleum Range Organics	57	57	NA	34	56	* 60	99	*	49	25	63-153

FORM III SV-2

CAD1030.d & CAD1031.d

KATAHDIN ANALYTICAL SERVICES
MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 04/10/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37445-3 & WG37445-4
Client ID: JAX25-SB90-03MS & JAX25-SB90-03MSD
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

COMPOUND	MS SPIKE	MSD SPIKE	SAMPLE CONC.	MS CONC.	MSD CONC.	MS %REC.	MSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Petroleum Range Organics	79	79	76	200	200	158	158	0.0	25	62-204

FORM III SV-2

CAD1052.d & CAD1053.d

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG37445-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: CAD1039 Lab Sample ID: WG37445-1RA

Instrument ID: GC12 Date Extracted: 03/30/07

Matrix: (soil/water) SOIL Date Analyzed: 04/06/07

Level:(low/med) LOW Time Analyzed: 1446

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG37445-LCS	WG37445-2RA	CAD1040	04/06/07	1600
02	JAX25-SB90-03	SA1351-1RA	CAD1047	04/09/07	1803
03	JAX25-SB91-03	SA1351-2RA	CAD1048	04/09/07	1918
04	JAX25-SB92-03	SA1351-3	CAD1049	04/09/07	2034
05	JAX25-SB90-03MS	WG37445-3	CAD1052	04/10/07	0020
06	JAX25-SB90-03MSD	WG37445-4	CAD1053	04/10/07	0135
07	JAX25-SB93-03	SA1351-4DL	CAD1054	04/10/07	0250
08	JAX25-SB82-03	SA1351-18	CAD1064	04/10/07	1635
09	JAX25-SB81-03	SA1351-19	CAD1065	04/10/07	1749
10	JAX25-SB78-02	SA1351-20	CAD1066	04/10/07	1904
11	JAX25-SB84-03	SA1351-16	CAD1067	04/10/07	2020
12	JAX25-SB86-03	SA1351-5DL	CAD1069	04/10/07	2250
13	JAX25-SB87-03	SA1351-6RA	CAD1070	04/11/07	0005
14	JAX25-SB98-01	SA1351-13DL2	CAD1071	04/11/07	0121
15	JAX25-SB96-01	SA1351-12DL2	CAD1072	04/11/07	0236
16	JAX25-SB85-03	SA1351-17DL2	CAD1077	04/11/07	0916
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV SV

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG37445-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: CAD2050 Lab Sample ID: WG37445-1RA2

Instrument ID: GC12 Date Extracted: 03/30/07

Matrix: (soil/water) SOIL Date Analyzed: 04/09/07

Level:(low/med) LOW Time Analyzed: 2149

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	JAX25-SB88-03	SA1351-7	CAD2051	04/09/07	2304
02	JAX25-SB94-03	SA1351-9	CAD2052	04/10/07	0020
03	JAX25-SB95-01	SA1351-10	CAD2053	04/10/07	0135
04	JAX25-SB99-01	SA1351-14	CAD2054	04/10/07	0250
05	JAX25-SB83-03	SA1351-15	CAD2055	04/10/07	0405
06	JAX25-SB89-03	SA1351-8	CAD2056	04/10/07	0521
07	JAX25-SB97-03	SA1351-11	CAD2057	04/10/07	0636
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV SV

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG37547-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: CAD1029 Lab Sample ID: WG37547-1

Instrument ID: GC12 Date Extracted: 04/04/07

Matrix: (soil/water) SOIL Date Analyzed: 04/06/07

Level:(low/med) LOW Time Analyzed: 0216

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG37547-LCS	WG37547-2	CAD1030	04/06/07	0331
02	WG37547-LCSD	WG37547-3	CAD1031	04/06/07	0447
03	JAX25-SB102-03	SA1351-22	CAD1033	04/06/07	0717
04	JAX25-SB103-03	SA1351-23	CAD1034	04/06/07	0832
05	JAX25-SB79-01	SA1351-21	CAD1073	04/11/07	0351
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV SV

FORM 6
FL-PRO INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GC12 Calibration Date(s): 04/05/07 04/05/07

Column: ZB-1 ID: 0.53 (mm) Calibration Time(s): 1728 2229

LAB FILE ID: RF5: CAD1026 RF20: CAD1025 RF50: CAD1022
RF100: CAD1024 RF200: CAD1023

COMPOUND	RF5	RF20	RF50	RF100	RF200	CURVE	COEFFICENTS A0	A1	%RSD OR R^2	MAX %RSD OR R^2
C-24	25888	95134	259750	621850	1162600	LINR	1.64311632	1.686e-004	0.99737	0.99000
C-8	68785	142860	305690	618330	1167400	LINR	-4.04674B2	1.734e-004	0.99868	0.99000
C-10	22837	95968	257890	599100	1131400	LINR	1.48710297	1.737e-004	0.99816	0.99000
C-12	24231	95356	258360	608550	1142500	LINR	1.53293005	1.718e-004	0.99777	0.99000
C-14	25245	94459	257280	613570	1152100	LINR	1.68813751	1.703e-004	0.99757	0.99000
C-16	25073	94583	258720	620500	1163800	LINR	1.77954097	1.685e-004	0.99744	0.99000
C-18	25034	94392	258660	621870	1165900	LINR	1.81690821	1.681e-004	0.99739	0.99000
C-28	28545	96084	261080	621950	1156100	LINR	1.30767034	1.697e-004	0.99725	0.99000
C-20	25536	98504	259380	622240	1164300	LINR	1.55128139	1.685e-004	0.99745	0.99000
C-22	25802	96239	262170	629040	1178200	LINR	1.72213973	1.664e-004	0.99740	0.99000
FL-PRO peaks C8-C40	472800	1672100	4431400	1.e+007	2e+007	LINR	19.2693919	1.718e-004	0.99772	0.99000
C-26	25738	95668	260580	620920	1155100	LINR	1.47051699	1.697e-004	0.99730	0.99000
C-38	23531	91791	245730	569570	1063800	LINR	1.10495802	1.847e-004	0.99786	0.99000
C-40	22142	91752	241560	560980	1055400	LINR	1.26840575	1.863e-004	0.99809	0.99000
C-30	27123	97230	261700	623950	1160400	LINR	1.36027642	1.69e-004	0.99729	0.99000
C-32	25969	97282	260080	622390	1154300	LINR	1.37465144	1.698e-004	0.99717	0.99000
C-34	26440	99633	267430	634160	1174100	LINR	1.23109284	1.67e-004	0.99724	0.99000
C-36	24879	95171	255350	595100	1102400	LINR	0.99828701	1.78e-004	0.99750	0.99000
O-Terphenyl	4962.60	5275.40	5587.80	6177.90	6081.90	AVRG		5617.11600	9.235	40.000
n-Triacontane-D62	4447.00	4275.70	4646.20	5276.00	5255.20	AVRG		4780.02933	9.672	40.000

FORM VI FL-PRO

Report Date : 11-Apr-2007 12:57

Katahdin Analytical Services

INITIAL CALIBRATION DATA

Start Cal Date : 05-APR-2007 17:28
End Cal Date : 05-APR-2007 22:29
Quant Method : ESTD
Origin : Included
Target Version : 4.12
Integrator : HP Genie
Method file : \\Target_server\GG\chem\gc12.i\GC12AD05A1.b\flpa012a.m
Cal Date : 09-Apr-2007 11:40 trollins

Calibration File Names:
Level 1: \\Target_server\GG\chem\gc12.i\GC12AD05A1.b\CAD1026.d
Level 2: \\Target_server\GG\chem\gc12.i\GC12AD05A1.b\CAD1025.d
Level 3: \\Target_server\GG\chem\gc12.i\GC12AD05A1.b\CAD1022.d
Level 4: \\Target_server\GG\chem\gc12.i\GC12AD05A1.b\CAD1024.d
Level 5: \\Target_server\GG\chem\gc12.i\GC12AD05A1.b\CAD1023.d

Compound	5.0000 Level 1	20.0000 Level 2	50.0000 Level 3	100.0000 Level 4	200.0000 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
M 1 FL-PRO peaks C8-C40	472805	1672118	4431396	10404072	19450108	LINR	19.26939	5820		0.99772
2 C-8	68785	142864	305686	618328	1167454	LINR	-4.04675	5768		0.99868
3 C-10	22837	95968	257888	599101	1131451	LINR	1.48710	5756		0.99816
4 C-12	24231	95356	258357	608550	1142469	LINR	1.53293	5820		0.99777
5 C-14	25245	94459	257284	613568	1152106	LINR	1.68814	5872		0.99757
6 C-16	25073	94583	258718	620502	1163778	LINR	1.77954	5936		0.99744
S 7 Petroleum Range Organics	472805	1672118	4431396	10404072	19450108	LINR	19.26939	5820		0.99772
8 C-18	25034	94392	258659	621870	1165947	LINR	1.81691	5949		0.99739
10 C-20	25536	98504	259380	622241	1164302	LINR	1.55128	5934		0.99745
11 C-22	25802	96239	262173	629037	1178258	LINR	1.72214	6010		0.99740
12 C-24	25888	95134	259747	621848	1162553	LINR	1.64312	5930		0.99737
13 C-26	25738	95668	260576	620917	1155130	LINR	1.47052	5893		0.99730
14 C-28	28545	96084	261079	621953	1156148	LINR	1.30767	5893		0.99725
16 C-30	27123	97230	261696	623951	1160406	LINR	1.36028	5917		0.99729
17 C-32	25969	97282	260084	622391	1154311	LINR	1.37465	5890		0.99717

Katahdin Analytical Services A000184

Report Date : 11-Apr-2007 12:57

Katahdin Analytical Services

INITIAL CALIBRATION DATA

Start Cal Date : 05-APR-2007 17:28
End Cal Date : 05-APR-2007 22:29
Quant Method : ESTD
Origin : Included
Target Version : 4.12
Integrator : HP Genie
Method file : \\Target_server\GG\chem\gc12.i\GC12AD05A1.b\flpa012a.m
Cal Date : 09-Apr-2007 11:40 trollins

Compound	5.0000 Level 1	20.0000 Level 2	50.0000 Level 3	100.0000 Level 4	200.0000 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
18 C-34	26440	99633	267429	634162	1174105	LINR	1.23109	5989		0.99724
19 C-36	24879	95171	255348	595096	1102428	LINR	0.99829	5618		0.99750
20 C-38	23531	91791	245726	569568	1063858	LINR	1.10496	5414		0.99786
21 C-40	22142	91752	241558	560980	1055396	LINR	1.26841	5367		0.99809
$ 9 O-Terphenyl	4963	5275	5588	6178	6082	AVRG		5617		9.23536
$ 15 n-Triacontane-D62	4447	4276	4646	5276	5255	AVRG		4780		9.67178

Report Date : 11-Apr-2007 12:57

Katahdin Analytical Services

INITIAL CALIBRATION DATA

Start Cal Date : 05-APR-2007 17:28
End Cal Date : 05-APR-2007 22:29
Quant Method : ESTD
Origin : Included
Target Version : 4.12
Integrator : HP Genie
Method file : \\Target_server\GG\chem\gc12.i\GC12AD05A1.b\flpa012a.m
Cal Date : 09-Apr-2007 11:40 trollins

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + Rsp/m1	Response

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GC12 Calibration Date: 04/09/07 Time: 1648

Lab File ID: CAD1046 Init. Calib. Date(s): 04/05/07 04/05/07

Init. Calib. Times: 1728 2229

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	51.108000	50.000000	5866.3000	0.01	2.22	25.00	LINR
C-8	50.262000	50.000000	6265.2000	0.01	0.52	25.00	LINR
C-10	50.121000	50.000000	5599.0000	0.01	0.24	25.00	LINR
C-12	50.017000	50.000000	5643.5000	0.01	0.03	25.00	LINR
C-14	49.921000	50.000000	5664.8000	0.01	-0.16	25.00	LINR
C-16	49.949000	50.000000	5718.8000	0.01	-0.10	25.00	LINR
C-18	50.222000	50.000000	5758.9000	0.01	0.44	25.00	LINR
C-28	50.503000	50.000000	5798.6000	0.01	1.01	25.00	LINR
C-20	50.182000	50.000000	5771.3000	0.01	0.36	25.00	LINR
C-22	49.953000	50.000000	5797.0000	0.01	-0.09	25.00	LINR
FL-PRO peaks C8-C40	830.77000	850.00000	5566.8000	0.01	-2.26	25.00	LINR
C-26	50.402000	50.000000	5767.4000	0.01	0.80	25.00	LINR
C-38	42.156000	50.000000	4445.2000	0.01	-15.69	25.00	LINR
C-40	39.361000	50.000000	4089.0000	0.01	-21.28	25.00	LINR
C-30	50.800000	50.000000	5850.2000	0.01	1.60	25.00	LINR
C-32	49.826000	50.000000	5707.3000	0.01	-0.35	25.00	LINR
C-34	49.694000	50.000000	5805.2000	0.01	-0.61	25.00	LINR
C-36	46.290000	50.000000	5088.6000	0.01	-7.42	25.00	LINR
O-Terphenyl	5617.1000	6269.9000	6269.9000	0.01	11.62	25.00	AVRG
n-Triacontane-D62	4780.0000	5018.4000	5018.4000	0.01	4.99	25.00	AVRG

FORM VII PEST

FORM 6
FL-PRO INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GC12 Calibration Date(s): 04/09/07 04/09/07

Column: ZB-1 ID: 0.53 (mm) Calibration Time(s): 1332 1918

LAB FILE ID: RF5: CAD2048 RF20: CAD2047 RF50: CAD2044
RF100: CAD2046 RF200: CAD2045

COMPOUND	RF5	RF20	RF50	RF100	RF200	CURVE	COEFFICENTS A0	COEFFICENTS A1	%RSD OR R^2	MAX %RSD OR R^2
C-24	31533	116770	303750	649440	1230600	LINR	-7.6e-002	1.61e-004	0.99909	0.99000
C-8	37598	121410	304390	637170	1202300	LINR	-0.9959424	1.654e-004	0.99911	0.99000
C-10	30361	115370	300900	639180	1211000	LINR	-0.1293806	1.636e-004	0.99911	0.99000
C-12	30271	115600	301970	639360	1214100	LINR	-0.1131690	1.632e-004	0.99918	0.99000
C-14	30208	116090	303250	641750	1218100	LINR	-0.1219017	1.627e-004	0.99917	0.99000
C-16	30970	116840	304720	648000	1226900	LINR	-0.1379281	1.615e-004	0.99909	0.99000
C-18	31671	117000	305050	649940	1230900	LINR	-0.1343472	1.61e-004	0.99909	0.99000
C-28	32289	118560	306330	655390	1250600	LINR	4.201e-002	1.586e-004	0.99926	0.99000
C-20	31841	116840	305310	651120	1238400	LINR	-1.56e-002	1.601e-004	0.99919	0.99000
C-22	31984	118210	308730	656060	1241900	LINR	-0.1747886	1.595e-004	0.99909	0.99000
FL-PRO peaks C8-C40	663370	1951900	4987000	1e+007	2e+007	LINR	-3.7069763	1.637e-004	0.99899	0.99000
C-26	32148	118290	307060	655280	1252100	LINR	6.518e-002	1.584e-004	0.99930	0.99000
C-38	75133	103380	245520	589860	1121900	LINR	-0.9840133	1.783e-004	0.99550	0.99000
C-40	70699	80009	192070	535900	1043500	LINR	1.59961720	1.901e-004	0.99095	0.99000
C-30	33909	121130	308120	659400	1248000	LINR	-0.2888441	1.589e-004	0.99908	0.99000
C-32	33982	119570	303950	655310	1239400	LINR	-0.2120899	1.6e-004	0.99902	0.99000
C-34	41666	122190	305830	669180	1266500	LINR	-0.3676708	1.568e-004	0.99889	0.99000
C-36	57105	114650	280060	628330	1189600	LINR	-0.9509618	1.677e-004	0.99815	0.99000
O-Terphenyl	6754.40	6767.20	6695.00	7158.60	6612.80	AVRG		6797.60000	3.101	40.000
n-Triacontane-D62	5688.60	5429.40	6362.90	7971.60	9828.20	AVRG		7056.15600	26.054	40.000

FORM VI FL-PRO

Report Date : 11-Apr-2007 12:56

Katahdin Analytical Services

INITIAL CALIBRATION DATA

Start Cal Date : 09-APR-2007 13:32
End Cal Date : 09-APR-2007 19:18
Quant Method : ESTD
Origin : Included
Target Version : 4.12
Integrator : HP Genie
Method file : \\Target_server\GG\chem\gc12.i\GC12AD09B1.b\flpb012A.m
Cal Date : 10-Apr-2007 13:35 trollins

Calibration File Names:
Level 1: \\Target_server\GG\chem\gc12.i\GC12AD09B1.b\CAD2048.d
Level 2: \\Target_server\GG\chem\gc12.i\GC12AD09B1.b\CAD2047.d
Level 3: \\Target_server\GG\chem\gc12.i\GC12AD09B1.b\CAD2044.d
Level 4: \\Target_server\GG\chem\gc12.i\GC12AD09B1.b\CAD2046.d
Level 5: \\Target_server\GG\chem\gc12.i\GC12AD09B1.b\CAD2045.d

Compound	5.0000 Level 1	20.0000 Level 2	50.0000 Level 3	100.0000 Level 4	200.0000 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
M 1 FL-PRO peaks C8-C40	663368	1951915	4987004	10860667	20625881	LINR	-3.70698	6110		0.99899
2 C-8	37598	121409	304386	637173	1202300	LINR	-0.99594	6045		0.99911
3 C-10	30361	115370	300900	639178	1211021	LINR	-0.12938	6112		0.99911
4 C-12	30271	115604	301973	639360	1214076	LINR	-0.11317	6126		0.99918
5 C-14	30208	116091	303251	641754	1218097	LINR	-0.12190	6146		0.99917
6 C-16	30970	116839	304715	647997	1226906	LINR	-0.13793	6193		0.99909
S 7 Petroleum Range Organics	663368	1951915	4987004	10860667	20625881	LINR	-3.70698	6110		0.99899
8 C-18	31671	117000	305052	649941	1230881	LINR	-0.13435	6212		0.99909
10 C-20	31841	116838	305314	651115	1238372	LINR	-0.01558	6248		0.99919
11 C-22	31984	118214	308728	656060	1241949	LINR	-0.17479	6268		0.99909
12 C-24	31533	116769	303748	649438	1230625	LINR	-0.07595	6211		0.99909
13 C-26	32148	118290	307060	655276	1252089	LINR	0.06518	6313		0.99930
14 C-28	32289	118559	306327	655390	1250622	LINR	0.04201	6306		0.99926
16 C-30	33909	121128	308118	659396	1247975	LINR	-0.28884	6292		0.99908
17 C-32	33982	119569	303952	655314	1239394	LINR	-0.21209	6251		0.99902

Katahdin Analytical Services A000189

Report Date : 11-Apr-2007 12:56

Katahdin Analytical Services

INITIAL CALIBRATION DATA

Start Cal Date : 09-APR-2007 13:32
End Cal Date : 09-APR-2007 19:18
Quant Method : ESTD
Origin : Included
Target Version : 4.12
Integrator : HP Genie
Method file : \\Target_server\GG\chem\gc12.i\GC12AD09B1.b\flpb012A.m
Cal Date : 10-Apr-2007 13:35 trollins

Compound	5.0000 Level 1	20.0000 Level 2	50.0000 Level 3	100.0000 Level 4	200.0000 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
18 C-34	41666	122192	305832	669183	1266523	LINR	-0.36767	6377		0.99889
19 C-36	57105	114654	280062	628330	1189647	LINR	-0.95096	5962		0.99815
20 C-38	75133	103380	245520	589862	1121875	LINR	-0.98401	5607		0.99550
21 C-40	70699	80009	192066	535900	1043529	LINR	1.59962	5261		0.99095
$ 9 O-Terphenyl	6754	6767	6695	7159	6613	AVRG		6798		3.10142
$ 15 n-Triacontane-D62	5689	5429	6363	7972	9828	AVRG		7056		26.05423

Report Date : 11-Apr-2007 12:56

Katahdin Analytical Services

INITIAL CALIBRATION DATA

Start Cal Date : 09-APR-2007 13:32
End Cal Date : 09-APR-2007 19:18
Quant Method : ESTD
Origin : Included
Target Version : 4.12
Integrator : HP Genie
Method file : \\Target_server\GG\chem\gc12.i\GC12AD09B1.b\flpb012A.m
Cal Date : 10-Apr-2007 13:35 trollins

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + Rsp/m1	Response

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GC12 Calibration Date: 04/09/07 Time: 2034

Lab File ID: CAD2049 Init. Calib. Date(s): 04/09/07 04/09/07

Init. Calib. Times: 1332 1918

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	46.386000	50.000000	5772.0000	0.01	-7.23	25.00	LINR
C-8	49.552000	50.000000	6110.9000	0.01	-0.90	25.00	LINR
C-10	50.030000	50.000000	6131.8000	0.01	0.06	25.00	LINR
C-12	49.991000	50.000000	6138.5000	0.01	-0.02	25.00	LINR
C-14	50.271000	50.000000	6194.8000	0.01	0.54	25.00	LINR
C-16	49.932000	50.000000	6201.4000	0.01	-0.14	25.00	LINR
C-18	49.716000	50.000000	6193.5000	0.01	-0.57	25.00	LINR
C-28	49.789000	50.000000	6274.2000	0.01	-0.42	25.00	LINR
C-20	49.313000	50.000000	6163.8000	0.01	-1.37	25.00	LINR
C-22	49.340000	50.000000	6206.8000	0.01	-1.32	25.00	LINR
FL-PRO peaks C8-C40	838.40000	850.00000	6055.1000	0.01	-1.36	25.00	LINR
C-26	49.807000	50.000000	6280.2000	0.01	-0.39	25.00	LINR
C-38	48.543000	50.000000	5554.1000	0.01	-2.91	25.00	LINR
C-40	47.693000	50.000000	4849.5000	0.01	-4.61	25.00	LINR
C-30	49.911000	50.000000	6317.5000	0.01	-0.18	25.00	LINR
C-32	49.938000	50.000000	6270.1000	0.01	-0.12	25.00	LINR
C-34	49.394000	50.000000	6346.4000	0.01	-1.21	25.00	LINR
C-36	48.796000	50.000000	5931.9000	0.01	-2.41	25.00	LINR
O-Terphenyl	6797.6000	6805.9000	6805.9000	0.01	0.12	25.00	AVRG
n-Triacontane-D62	7056.1000	5456.5000	5456.5000	0.01	-22.67	25.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GC12 Calibration Date: 04/06/07 Time: 1331

Lab File ID: CAD1038 Init. Calib. Date(s): 04/05/07 04/05/07

Init. Calib. Times: 1728 2229

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	50.584000	50.000000	5804.1000	0.01	1.17	25.00	LINR
C-8	52.366000	50.000000	6508.0000	0.01	4.73	25.00	LINR
C-10	50.776000	50.000000	5674.4000	0.01	1.55	25.00	LINR
C-12	50.581000	50.000000	5709.2000	0.01	1.16	25.00	LINR
C-14	50.632000	50.000000	5748.4000	0.01	1.26	25.00	LINR
C-16	50.698000	50.000000	5807.7000	0.01	1.40	25.00	LINR
C-18	50.616000	50.000000	5805.8000	0.01	1.23	25.00	LINR
C-28	50.996000	50.000000	5856.7000	0.01	1.99	25.00	LINR
C-20	50.620000	50.000000	5823.4000	0.01	1.24	25.00	LINR
C-22	50.643000	50.000000	5879.9000	0.01	1.29	25.00	LINR
FL-PRO peaks C8-C40	872.25000	850.00000	5837.0000	0.01	2.62	25.00	LINR
C-26	51.000000	50.000000	5837.9000	0.01	2.00	25.00	LINR
C-38	53.442000	50.000000	5667.4000	0.01	6.88	25.00	LINR
C-40	53.801000	50.000000	5639.0000	0.01	7.60	25.00	LINR
C-30	50.965000	50.000000	5869.8000	0.01	1.93	25.00	LINR
C-32	50.750000	50.000000	5816.1000	0.01	1.50	25.00	LINR
C-34	51.309000	50.000000	5998.7000	0.01	2.62	25.00	LINR
C-36	52.468000	50.000000	5782.6000	0.01	4.94	25.00	LINR
O-Terphenyl	5617.1000	6148.1000	6148.1000	0.01	9.45	25.00	AVRG
n-Triacontane-D62	4780.0000	5180.6000	5180.6000	0.01	8.38	25.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GC12 Calibration Date: 04/09/07 Time: 1527

Lab File ID: CAD1045 Init. Calib. Date(s): 04/05/07 04/05/07

Init. Calib. Times: 1728 2229

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	50.004000	50.000000	5735.3000	0.01	0.01	25.00	LINR
C-8	53.038000	50.000000	6585.4000	0.01	6.08	25.00	LINR
C-10	49.465000	50.000000	5523.5000	0.01	-1.07	25.00	LINR
C-12	49.145000	50.000000	5542.1000	0.01	-1.71	25.00	LINR
C-14	49.044000	50.000000	5561.8000	0.01	-1.91	25.00	LINR
C-16	49.357000	50.000000	5648.4000	0.01	-1.29	25.00	LINR
C-18	49.197000	50.000000	5636.9000	0.01	-1.61	25.00	LINR
C-28	49.854000	50.000000	5722.1000	0.01	-0.29	25.00	LINR
C-20	49.451000	50.000000	5684.6000	0.01	-1.10	25.00	LINR
C-22	49.367000	50.000000	5726.5000	0.01	-1.27	25.00	LINR
FL-PRO peaks C8-C40	837.43000	850.00000	5608.6000	0.01	-1.48	25.00	LINR
C-26	50.224000	50.000000	5746.5000	0.01	0.45	25.00	LINR
C-38	45.500000	50.000000	4807.4000	0.01	-9.00	25.00	LINR
C-40	41.658000	50.000000	4335.5000	0.01	-16.68	25.00	LINR
C-30	50.018000	50.000000	5757.7000	0.01	0.04	25.00	LINR
C-32	50.378000	50.000000	5772.3000	0.01	0.76	25.00	LINR
C-34	52.369000	50.000000	6125.7000	0.01	4.74	25.00	LINR
C-36	49.360000	50.000000	5433.5000	0.01	-1.28	25.00	LINR
O-Terphenyl	5617.1000	6182.8000	6182.8000	0.01	10.07	25.00	AVRG
n-Triacontane-D62	4780.0000	4907.4000	4907.4000	0.01	2.66	25.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GC12 Calibration Date: 04/10/07 Time: 0904

Lab File ID: CAD1059 Init. Calib. Date(s): 04/05/07 04/05/07

Init. Calib. Times: 1728 2229

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	44.410000	50.000000	5071.8000	0.01	-11.18	25.00	LINR
C-8	41.867000	50.000000	5296.8000	0.01	-16.27	25.00	LINR
C-10	44.450000	50.000000	4946.1000	0.01	-11.10	25.00	LINR
C-12	44.126000	50.000000	4957.8000	0.01	-11.75	25.00	LINR
C-14	44.073000	50.000000	4978.0000	0.01	-11.85	25.00	LINR
C-16	44.133000	50.000000	5028.3000	0.01	-11.73	25.00	LINR
C-18	44.049000	50.000000	5024.5000	0.01	-11.90	25.00	LINR
C-28	45.170000	50.000000	5170.1000	0.01	-9.66	25.00	LINR
C-20	44.390000	50.000000	5084.0000	0.01	-11.22	25.00	LINR
C-22	44.354000	50.000000	5124.0000	0.01	-11.29	25.00	LINR
FL-PRO peaks C8-C40	751.02000	850.00000	5010.9000	0.01	-11.64	25.00	LINR
C-26	45.242000	50.000000	5159.2000	0.01	-9.52	25.00	LINR
C-38	43.287000	50.000000	4567.7000	0.01	-13.43	25.00	LINR
C-40	44.290000	50.000000	4618.0000	0.01	-11.42	25.00	LINR
C-30	44.686000	50.000000	5126.7000	0.01	-10.63	25.00	LINR
C-32	44.578000	50.000000	5089.1000	0.01	-10.84	25.00	LINR
C-34	43.688000	50.000000	5085.7000	0.01	-12.62	25.00	LINR
C-36	44.228000	50.000000	4856.9000	0.01	-11.54	25.00	LINR
O-Terphenyl	5617.1000	5307.7000	5307.7000	0.01	-5.51	25.00	AVRG
n-Triacontane-D62	4780.0000	4408.4000	4408.4000	0.01	-7.77	25.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GC12 Calibration Date: 04/10/07 Time: 1514

Lab File ID: CAD1063 Init. Calib. Date(s): 04/05/07 04/05/07

Init. Calib. Times: 1728 2229

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	43.211000	50.000000	4929.7000	0.01	-13.58	25.00	LINR
C-8	46.267000	50.000000	5804.3000	0.01	-7.47	25.00	LINR
C-10	45.599000	50.000000	5078.4000	0.01	-8.80	25.00	LINR
C-12	45.591000	50.000000	5128.4000	0.01	-8.82	25.00	LINR
C-14	45.634000	50.000000	5161.3000	0.01	-8.73	25.00	LINR
C-16	45.595000	50.000000	5201.8000	0.01	-8.81	25.00	LINR
C-18	45.407000	50.000000	5186.1000	0.01	-9.19	25.00	LINR
C-28	46.189000	50.000000	5290.2000	0.01	-7.62	25.00	LINR
C-20	45.347000	50.000000	5197.6000	0.01	-9.31	25.00	LINR
C-22	45.537000	50.000000	5266.2000	0.01	-8.93	25.00	LINR
FL-PRO peaks C8-C40	773.25000	850.00000	5162.7000	0.01	-9.03	25.00	LINR
C-26	45.983000	50.000000	5246.6000	0.01	-8.03	25.00	LINR
C-38	45.241000	50.000000	4779.3000	0.01	-9.52	25.00	LINR
C-40	44.910000	50.000000	4684.6000	0.01	-10.18	25.00	LINR
C-30	46.060000	50.000000	5289.3000	0.01	-7.88	25.00	LINR
C-32	45.873000	50.000000	5241.6000	0.01	-8.25	25.00	LINR
C-34	45.470000	50.000000	5299.2000	0.01	-9.06	25.00	LINR
C-36	45.341000	50.000000	4981.9000	0.01	-9.32	25.00	LINR
O-Terphenyl	5617.1000	5676.4000	5676.4000	0.01	1.06	25.00	AVRG
n-Triacontane-D62	4780.0000	4572.0000	4572.0000	0.01	-4.35	25.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GC12 Calibration Date: 04/11/07 Time: 0735

Lab File ID: CAD1076 Init. Calib. Date(s): 04/05/07 04/05/07

Init. Calib. Times: 1728 2229

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	47.618000	50.000000	5452.3000	0.01	-4.76	25.00	LINR
C-8	47.288000	50.000000	5922.1000	0.01	-5.42	25.00	LINR
C-10	47.293000	50.000000	5273.5000	0.01	-5.41	25.00	LINR
C-12	47.111000	50.000000	5305.2000	0.01	-5.78	25.00	LINR
C-14	47.029000	50.000000	5325.2000	0.01	-5.94	25.00	LINR
C-16	47.086000	50.000000	5378.9000	0.01	-5.83	25.00	LINR
C-18	46.980000	50.000000	5373.2000	0.01	-6.04	25.00	LINR
C-28	48.115000	50.000000	5517.1000	0.01	-3.77	25.00	LINR
C-20	46.816000	50.000000	5371.9000	0.01	-6.37	25.00	LINR
C-22	42.300000	50.000000	4877.1000	0.01	-15.40	25.00	LINR
FL-PRO peaks C8-C40	797.36000	850.00000	5327.2000	0.01	-6.19	25.00	LINR
C-26	47.339000	50.000000	5406.5000	0.01	-5.32	25.00	LINR
C-38	46.671000	50.000000	4934.2000	0.01	-6.66	25.00	LINR
C-40	46.478000	50.000000	4852.9000	0.01	-7.04	25.00	LINR
C-30	47.525000	50.000000	5462.7000	0.01	-4.95	25.00	LINR
C-32	47.604000	50.000000	5445.4000	0.01	-4.79	25.00	LINR
C-34	47.145000	50.000000	5499.9000	0.01	-5.71	25.00	LINR
C-36	46.963000	50.000000	5164.2000	0.01	-6.07	25.00	LINR
O-Terphenyl	5617.1000	5887.9000	5887.9000	0.01	4.82	25.00	AVRG
n-Triacontane-D62	4780.0000	4716.8000	4716.8000	0.01	-1.32	25.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GC12 Calibration Date: 04/11/07 Time: 1030

Lab File ID: CAD1078 Init. Calib. Date(s): 04/05/07 04/05/07

Init. Calib. Times: 1728 2229

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	46.762000	50.000000	5350.8000	0.01	-6.48	25.00	LINR
C-8	46.922000	50.000000	5880.0000	0.01	-6.16	25.00	LINR
C-10	46.690000	50.000000	5204.1000	0.01	-6.62	25.00	LINR
C-12	46.594000	50.000000	5245.2000	0.01	-6.81	25.00	LINR
C-14	46.476000	50.000000	5260.3000	0.01	-7.05	25.00	LINR
C-16	46.400000	50.000000	5297.4000	0.01	-7.20	25.00	LINR
C-18	46.354000	50.000000	5298.8000	0.01	-7.29	25.00	LINR
C-28	47.580000	50.000000	5454.1000	0.01	-4.84	25.00	LINR
C-20	44.145000	50.000000	5054.9000	0.01	-11.71	25.00	LINR
C-22	47.697000	50.000000	5525.8000	0.01	-4.61	25.00	LINR
FL-PRO peaks C8-C40	791.47000	850.00000	5287.7000	0.01	-6.88	25.00	LINR
C-26	46.830000	50.000000	5346.5000	0.01	-6.34	25.00	LINR
C-38	46.147000	50.000000	4877.5000	0.01	-7.71	25.00	LINR
C-40	46.121000	50.000000	4814.6000	0.01	-7.76	25.00	LINR
C-30	46.856000	50.000000	5383.6000	0.01	-6.29	25.00	LINR
C-32	47.036000	50.000000	5378.5000	0.01	-5.93	25.00	LINR
C-34	46.621000	50.000000	5437.2000	0.01	-6.76	25.00	LINR
C-36	46.234000	50.000000	5082.3000	0.01	-7.53	25.00	LINR
O-Terphenyl	5617.1000	5797.2000	5797.2000	0.01	3.21	25.00	AVRG
n-Triacontane-D62	4780.0000	4631.8000	4631.8000	0.01	-3.10	25.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GC12 Calibration Date: 04/10/07 Time: 1043

Lab File ID: CAD2060 Init. Calib. Date(s): 04/09/07 04/09/07

Init. Calib. Times: 1332 1918

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
C-24	43.759000	50.000000	5445.6000	0.01	-12.48	25.00	LINR	
C-8	40.442000	50.000000	5009.5000	0.01	-19.12	25.00	LINR	
C-10	43.358000	50.000000	5316.1000	0.01	-13.28	25.00	LINR	
C-12	43.524000	50.000000	5346.1000	0.01	-12.95	25.00	LINR	
C-14	43.561000	50.000000	5369.9000	0.01	-12.88	25.00	LINR	
C-16	43.523000	50.000000	5407.7000	0.01	-12.95	25.00	LINR	
C-18	43.637000	50.000000	5438.2000	0.01	-12.73	25.00	LINR	
C-28	43.641000	50.000000	5498.7000	0.01	-12.72	25.00	LINR	
C-20	43.504000	50.000000	5438.0000	0.01	-12.99	25.00	LINR	
C-22	43.628000	50.000000	5490.8000	0.01	-12.74	25.00	LINR	
FL-PRO peaks C8-C40	740.35000	850.00000	5344.1000	0.01	-12.90	25.00	LINR	
C-26	43.641000	50.000000	5501.8000	0.01	-12.72	25.00	LINR	
C-38	43.286000	50.000000	4964.5000	0.01	-13.43	25.00	LINR	
C-40	47.421000	50.000000	4820.9000	0.01	-5.16	25.00	LINR	
C-30	43.726000	50.000000	5539.1000	0.01	-12.55	25.00	LINR	
C-32	43.606000	50.000000	5478.5000	0.01	-12.79	25.00	LINR	
C-34	43.173000	50.000000	5553.1000	0.01	-13.65	25.00	LINR	
C-36	42.915000	50.000000	5230.7000	0.01	-14.17	25.00	LINR	
O-Terphenyl	6797.6000	5925.4000	5925.4000	0.01	-12.83	25.00	AVRG	
n-Triacontane-D62	7056.1000	4749.6000	4749.6000	0.01	-32.69	25.00	AVRG	<-

FORM VII PEST

FORM 8
FL-PRO ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

GC Column: ZB-1 ID: 0.53 (mm) Init. Calib. Date(s): 04/05/07 04/05/07

Instrument ID: GC12

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 15.70 S2 : 22.41

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		FLPRO 50UG/M	04/05/07	1728	15.70	22.41
02		FLPRO 200 UG	04/05/07	1843	15.69	22.40
03		FLPRO 100UG/	04/05/07	1959	15.69	22.40
04		FLPRO 20UG/M	04/05/07	2114	15.69	22.39
05		FLPRO 5UG/ML	04/05/07	2229	15.69	22.39
06	WG37547-BLAN	WG37547-1	04/06/07	0216	15.69	22.40
07	WG37547-LCS	WG37547-2	04/06/07	0331	15.70	22.40
08	WG37547-LCSD	WG37547-3	04/06/07	0447	15.70	22.40
09	JAX25-SB102-	SA1351-22	04/06/07	0717	15.70	22.40
10	JAX25-SB103-	SA1351-23	04/06/07	0832	15.70	22.40
11		FLPRO 50UG/M	04/06/07	1331	15.70	22.41
12	WG37445-BLAN	WG37445-1RA	04/06/07	1446	15.70	22.41
13	WG37445-LCS	WG37445-2RA	04/06/07	1600	15.70	22.41
14		FLPRO 50UG/M	04/09/07	1527	15.72	22.44
15		FLPRO IND50U	04/09/07	1648	15.71	22.42
16	JAX25-SB90-0	SA1351-1RA	04/09/07	1803	15.69	22.25
17	JAX25-SB91-0	SA1351-2RA	04/09/07	1918	15.68	22.39
18	JAX25-SB92-0	SA1351-3	04/09/07	2034	15.61	22.39
19	JAX25-SB90-0	WG37445-3	04/10/07	0020	15.69	22.25
20	JAX25-SB90-0	WG37445-4	04/10/07	0135	15.69	22.24

		QC LIMITS
S1	= O-Terphenyl	(+/- 0.31 MINUTES)
S2	= n-Triacontane-D62	(+/- 0.45 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
FL-PRO ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

GC Column: ZB-1 ID: 0.53 (mm) Init. Calib. Date(s): 04/05/07 04/05/07

Instrument ID: GC12

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 15.70 S2 : 22.41

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01	JAX25-SB93-0	SA1351-4DL	04/10/07	0250	15.69	22.24
02		FLPRO 50UG/M	04/10/07	0904	15.70	22.40
03		FLPRO 50UG/M	04/10/07	1514	15.70	22.40
04	JAX25-SB82-0	SA1351-18	04/10/07	1635	15.69	22.40
05	JAX25-SB81-0	SA1351-19	04/10/07	1749	15.69	22.40
06	JAX25-SB78-0	SA1351-20	04/10/07	1904	15.69	22.39
07	JAX25-SB84-0	SA1351-16	04/10/07	2020	15.68	22.38
08	JAX25-SB86-0	SA1351-5DL	04/10/07	2250	15.69	22.39
09	JAX25-SB87-0	SA1351-6RA	04/11/07	0005	15.69	22.39
10	JAX25-SB98-0	SA1351-13DL2	04/11/07	0121		
11	JAX25-SB96-0	SA1351-12DL2	04/11/07	0236		
12	JAX25-SB79-0	SA1351-21	04/11/07	0351	15.69	22.39
13		FLPRO 50UG/M	04/11/07	0735	15.69	22.39
14	JAX25-SB85-0	SA1351-17DL2	04/11/07	0916		
15		FLPRO 50UG/M	04/11/07	1030	15.70	22.40
16						
17						
18						
19						
20						

		QC LIMITS
S1	= O-Terphenyl	(+/- 0.31 MINUTES)
S2	= n-Triacontane-D62	(+/- 0.45 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
FL-PRO ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

GC Column: ZB-1 ID: 0.53 (mm) Init. Calib. Date(s): 04/09/07 04/09/07

Instrument ID: GC12

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 15.43 S2 : 22.29

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		FLPRO 50UG/M	04/09/07	1332	15.40	22.24
02		FLPRO 200UG/	04/09/07	1527	15.40	22.24
03		FLPRO 100UG/	04/09/07	1648	15.40	22.24
04		FLPRO 20UG/M	04/09/07	1803	15.39	22.24
05		FLPRO 5UG/ML	04/09/07	1918	15.39	22.23
06		FLPRO IND50	04/09/07	2034	15.39	22.23
07	WG37445-BLAN	WG37445-1RA2	04/09/07	2149	15.39	22.24
08	JAX25-SB88-0	SA1351-7	04/09/07	2304	15.39	22.24
09	JAX25-SB94-0	SA1351-9	04/10/07	0020	15.39	22.08
10	JAX25-SB95-0	SA1351-10	04/10/07	0135	15.39	22.24
11	JAX25-SB99-0	SA1351-14	04/10/07	0250	15.39	22.24
12	JAX25-SB83-0	SA1351-15	04/10/07	0405	15.39	22.24
13	JAX25-SB89-0	SA1351-8	04/10/07	0521	15.39	22.23
14	JAX25-SB97-0	SA1351-11	04/10/07	0636	15.39	22.24
15		FLPRO 50UG/M	04/10/07	1043	15.40	22.24
16						
17						
18						
19						
20						

		QC LIMITS
S1	= O-Terphenyl	(+/- 0.31 MINUTES)
S2	= n-Triacontane-D62	(+/- 0.45 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-1
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB90-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	72. %	1	CLP SOW 788	WG37573	04-APR-07 09:09:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-2
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB91-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	88. %	1	CLP SOW 788	WG37573	04-APR-07 09:10:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-3
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB92-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	83. %	1	CLP SOW 788	WG37573	04-APR-07 09:11:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-4
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB93-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	90. %	1	CLP SOW 788	WG37573	04-APR-07 09:12:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-5
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB86-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	80. %	1	CLP SOW 788	WG37573	04-APR-07 09:13:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-6
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB87-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	92. %	1	CLP SOW 788	WG37573	04-APR-07 09:14:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-7
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB88-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	92. %	1	CLP SOW 788	WG37573	04-APR-07 09:15:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-8
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB89-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	93. %	1	CLP SOW 788	WG37573	04-APR-07 09:16:00	CLP SOW 788	03-APR-07	JF	

600 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
sales@katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-9
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB94-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	90. %	1	CLP SOW 788	WG37573	04-APR-07 09:17:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-10
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB95-01	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	93. %	1	CLP SOW 788	WG37573	04-APR-07 09:19:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-11
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB97-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	83. %	1	CLP SOW 788	WG37573	04-APR-07 09:20:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-12
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB96-01	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	92. %	1	CLP SOW 788	WG37573	04-APR-07 09:21:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-13
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB98-01	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	76. %	1	CLP SOW 788	WG37573	04-APR-07 09:22:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-14
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB99-01	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	94. %	1	CLP SOW 788	WG37573	04-APR-07 09:23:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-15
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB83-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	73. %	1	CLP SOW 788	WG37573	04-APR-07 09:24:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-16
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB84-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	88. %	1	CLP SOW 788	WG37573	04-APR-07 09:25:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-17
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB85-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	94. %	1	CLP SOW 788	WG37573	04-APR-07 09:26:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-18
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB82-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	89. %	1	CLP SOW 788	WG37573	04-APR-07 09:27:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-19
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB81-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	93. %	1	CLP SOW 788	WG37570	04-APR-07 09:30:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-20
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB78-02	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	89. %	1	CLP SOW 788	WG37570	04-APR-07 09:32:00	CLP SOW 788	03-APR-07	JF	

600 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
sales@katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-21
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB79-01	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	93. %	1	CLP SOW 788	WG37570	04-APR-07 09:33:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-22
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB102-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	90. %	1	CLP SOW 788	WG37570	04-APR-07 09:34:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-23
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB103-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	92. %	1	CLP SOW 788	WG37570	04-APR-07 09:35:00	CLP SOW 788	03-APR-07	JF	

Quality Control Report

Blank Sample Summary Report

Total Solids

Samp Type	QC Batch	Anal. Method	Anal. Date	Prep. Date	Result	PQL
MBLANK	WG37570	CLP SOW 788	04-APR-07	03-APR-07	U 1 %	1 %
MBLANK	WG37573	CLP SOW 788	04-APR-07	03-APR-07	U 1 %	1 %

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Quality Control Report

Laboratory Control Sample Summary Report

Total Solids

Lab Sample Id	Samp Type	QC Batch	Analysis Date	Prep Date	Units	Spike Amt.	Result	Recovery	Acceptance Range	RPD
WG37570-2	LCS	WG37570	04-APR-07	03-APR-07	%	90	90.	100	80-120	
WG37573-2	LCS	WG37573	04-APR-07	03-APR-07	%	90	90.	100	80-120	

600 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
mail@katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Quality Control Report

Duplicate Sample Summary Report

Total Solids

Duplicate Sample ID	Original Sample ID	QC Batch	Analysis Date	Result Units	Sample Result	Duplicate Result	RPD(%)	RPD Limit
WG37570-3	SA1351-19	WG37570	04-APR-07	%	93.	92.	1	20
WG37573-4	SA1351-9	WG37573	04-APR-07	%	90.	89.	0	20

600 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
info@katahdinlab.com

VOLATILES DATA

QC Summary Section

FORM 2
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Level:(low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	WG37437-LCS	WG37437-1	85	96	89	93	0
02	WG37437-BLANK	WG37437-2	90	99	82	93	0
03	JAX25-SB90-03	SA1351-1	116	126	91	101	0
04	JAX25-SB91-03	SA1351-2	93	106	84	101	0
05	JAX25-SB92-03	SA1351-3	85	100	84	83	0
06	JAX25-SB93-03	SA1351-4	89	104	85	84	0
07	JAX25-SB87-03	SA1351-6	85	99	79	86	0
08	JAX25-SB88-03	SA1351-7	85	107	85	94	0
09	JAX25-SB89-03	SA1351-8	90	104	75	85	0
10	JAX25-SB94-03	SA1351-9	90	102	84	93	0
11	JAX25-SB95-01	SA1351-10	97	105	86	93	0
12	JAX25-SB97-03	SA1351-11	78	90	100	101	0
13	JAX25-SB96-01	SA1351-12	147J	0J	0J	49	3
14	WG37454-LCS	WG37454-1	76	62	91	90	0
15	WG37454-BLANK	WG37454-2	68	66	85	92	0
16	JAX25-SB86-03	SA1351-5RA	77	78	88	69	0
17	JAX25-SB98-01	SA1351-13	62	65	80	78	0
18	JAX25-SB99-01	SA1351-14	71	68	74	82	0
19	JAX25-SB83-03	SA1351-15	69	61	79	71	0
20	JAX25-SB84-03	SA1351-16	68	66	76	86	0
21	JAX25-SB85-03	SA1351-17	66	71	65	2229J	1
22	JAX25-SB82-03	SA1351-18	68	62	76	80	0
23	JAX25-SB81-03	SA1351-19	68	70	85	89	0
24	JAX25-SB78-02	SA1351-20	73	66	86	83	0
25	JAX25-SB79-01	SA1351-21	66	66	77	76	0
26	JAX25-SB102-03	SA1351-22	88	90	95	103	0
27	JAX25-SB103-03	SA1351-23	71	69	75	82	0
28	JAX25-SB96-01	SA1351-12RA	68	69	90	60	0

			QC LIMITS
SMC1	(DBF)	= Dibromofluoromethane	(51-138)
SMC2	(DCA)	= 1,2-Dichloroethane-D4	(58-136)
SMC3	(TOL)	= Toluene-D8	(46-128)
SMC4	(BFB)	= P-Bromofluorobenzene	(33-137)

Column to be used to flag recovery values

J Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 2
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Level:(low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	WG37509-LCS	WG37509-1	75	69	83	89	0
02	WG37509-BLANK	WG37509-2	78	77	80	96	0
03	JAX25-SB102-03	SA1351-22RA	109	132	85	98	0
04	JAX25-SB85-03	SA1351-17RA	79	75	84	2039J	1
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							

		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(51-138)
SMC2 (DCA)	= 1,2-Dichloroethane-D4	(58-136)
SMC3 (TOL)	= Toluene-D8	(46-128)
SMC4 (BFB)	= P-Bromofluorobenzene	(33-137)

Column to be used to flag recovery values

J Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 2
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Level:(low/med) MED

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	WG37635-MEOHLCS	WG37635-3	88	86	95	92	0
02	WG37635-MEOHBLANK	WG37635-4	88	89	94	91	0
03	JAX25-SB96-01	SA1351-12DL	82	89	86	82	0
04	JAX25-SB85-03	SA1351-17DL	82	82	87	140J	1
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							

		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(51-138)
SMC2 (DCA)	= 1,2-Dichloroethane-D4	(58-136)
SMC3 (TOL)	= Toluene-D8	(46-128)
SMC4 (BFB)	= P-Bromofluorobenzene	(33-137)

Column to be used to flag recovery values

J Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 2
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	WG37470-LCS	WG37470-1	91	90	100	96	0
02	WG37470-BLANK	WG37470-2	90	92	101	96	0
03	TRIP BLANK	SA1351-24	94	96	101	96	0
04	WG37635-LCS	WG37635-1	88	86	97	94	0
05	WG37635-BLANK	WG37635-2	87	88	95	93	0
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							

		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(64-133)
SMC2 (DCA)	= 1,2-Dichloroethane-D4	(63-148)
SMC3 (TOL)	= Toluene-D8	(78-121)
SMC4 (BFB)	= P-Bromofluorobenzene	(81-117)

Column to be used to flag recovery values

J Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

| WG37437-BLANK |

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: F5083 Lab Sample ID: WG37437-2

Date Analyzed: 03/29/07 Time Analyzed: 1220

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: GCMS-F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG37437-LCS	WG37437-1	F5081	03/29/07	1100
02	JAX25-SB90-03	SA1351-1	F5084	03/29/07	1302
03	JAX25-SB91-03	SA1351-2	F5085	03/29/07	1339
04	JAX25-SB92-03	SA1351-3	F5086	03/29/07	1417
05	JAX25-SB93-03	SA1351-4	F5087	03/29/07	1455
06	JAX25-SB87-03	SA1351-6	F5089	03/29/07	1610
07	JAX25-SB88-03	SA1351-7	F5090	03/29/07	1647
08	JAX25-SB89-03	SA1351-8	F5091	03/29/07	1725
09	JAX25-SB94-03	SA1351-9	F5092	03/29/07	1802
10	JAX25-SB95-01	SA1351-10	F5093	03/29/07	1840
11	JAX25-SB97-03	SA1351-11	F5094	03/29/07	1917
12	JAX25-SB96-01	SA1351-12	F5095	03/29/07	1955
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IVVOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG37454-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: F5102 Lab Sample ID: WG37454-2

Date Analyzed: 03/30/07 Time Analyzed: 1132

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: GCMS-F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG37454-LCS	WG37454-1	F5100	03/30/07	1012
02	JAX25-SB86-03	SA1351-5RA	F5103	03/30/07	1213
03	JAX25-SB98-01	SA1351-13	F5104	03/30/07	1250
04	JAX25-SB99-01	SA1351-14	F5105	03/30/07	1328
05	JAX25-SB83-03	SA1351-15	F5106	03/30/07	1405
06	JAX25-SB84-03	SA1351-16	F5107	03/30/07	1443
07	JAX25-SB85-03	SA1351-17	F5108	03/30/07	1521
08	JAX25-SB82-03	SA1351-18	F5109	03/30/07	1559
09	JAX25-SB81-03	SA1351-19	F5110	03/30/07	1636
10	JAX25-SB78-02	SA1351-20	F5111	03/30/07	1714
11	JAX25-SB79-01	SA1351-21	F5112	03/30/07	1752
12	JAX25-SB102-03	SA1351-22	F5113	03/30/07	1829
13	JAX25-SB103-03	SA1351-23	F5114	03/30/07	1907
14	JAX25-SB96-01	SA1351-12RA	F5115	03/30/07	1945
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IVVOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG37509-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: F5124 Lab Sample ID: WG37509-2

Date Analyzed: 04/02/07 Time Analyzed: 1227

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: GCMS-F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG37509-LCS	WG37509-1	F5122	04/02/07	1104
02	JAX25-SB102-03	SA1351-22RA	F5125	04/02/07	1322
03	JAX25-SB85-03	SA1351-17RA	F5134	04/02/07	1859
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IVVOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

| WG37470-BLANK |

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: T5050 Lab Sample ID: WG37470-2

Date Analyzed: 03/30/07 Time Analyzed: 1304

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMS-T

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG37470-LCS	WG37470-1	T5048	03/30/07	1148
02	TRIP BLANK	SA1351-24	T5055	03/30/07	1556
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IVVOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG37635-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: T5119 Lab Sample ID: WG37635-2

Date Analyzed: 04/05/07 Time Analyzed: 1344

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMS-T

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG37635-MEOHLCS	WG37635-3	T5116	04/05/07	1135
02	WG37635-LCS	WG37635-1	T5117	04/05/07	1228
03	WG37635-MEOHBLANK	WG37635-4	T5120	04/05/07	1416
04	JAX25-SB96-01	SA1351-12DL	T5131	04/05/07	2029
05	JAX25-SB85-03	SA1351-17DL	T5132	04/05/07	2101
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IVVOA

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 29-MAR-2007 12:20
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 100

Lab ID: WG37437-2
Client ID: WG37437-Blank
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37437
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		90%				
17060-07-0	1,2-Dichloroethane-D4		99%				
2037-26-5	Toluene-D8		82%				
460-00-4	P-Bromofluorobenzene		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 30-MAR-2007 11:32
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 100

Lab ID: WG37454-2
Client ID: WG37454-Blank
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		68%				
17060-07-0	1,2-Dichloroethane-D4		66%				
2037-26-5	Toluene-D8		85%				
460-00-4	P-Bromofluorobenzene		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 02-APR-2007 12:27
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 100

Lab ID: WG37509-2
Client ID: WG37509-Blank
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		78%				
17060-07-0	1,2-Dichloroethane-D4		77%				
2037-26-5	Toluene-D8		80%				
460-00-4	P-Bromofluorobenzene		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 30-MAR-2007 13:04
Report Date: 04/11/2007
Matrix: WATER
% Solids: NA

Lab ID: WG37470-2
Client ID: WG37470-Blank
SDG: SA1351
Extracted by:
Extraction Method: SW846 5030
Analyst: DMF
Analysis Method: SW846 8260B
Lab Prep Batch: WG37470
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.4	1.0	1	1	0.4
71-43-2	Benzene	U	0.5	1.0	1	1	0.5
100-41-4	Ethylbenzene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	U	1.0	1.0	2	2	1.0
95-47-6	o-Xylene	U	0.4	1.0	1	1	0.4
1330-20-7	Xylenes (total)	U	1	1.0	3	3	1
1634-04-4	Methyl tert-butyl ether	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		90%				
17060-07-0	1,2-Dichloroethane-D4		92%				
2037-26-5	Toluene-D8		101%				
460-00-4	P-Bromofluorobenzene		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 05-APR-2007 13:44
Report Date: 04/11/2007
Matrix: WATER
% Solids: NA

Lab ID: WG37635-2
Client ID: WG37635-Blank
SDG: SA1351
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.4	1.0	1	1	0.4
71-43-2	Benzene	U	0.5	1.0	1	1	0.5
100-41-4	Ethylbenzene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	U	1.0	1.0	2	2	1.0
95-47-6	o-Xylene	U	0.4	1.0	1	1	0.4
1330-20-7	Xylenes (total)	U	1	1.0	3	3	1
1634-04-4	Methyl tert-butyl ether	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		87%				
17060-07-0	1,2-Dichloroethane-D4		88%				
2037-26-5	Toluene-D8		95%				
460-00-4	P-Bromofluorobenzene		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 05-APR-2007 14:16
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 100

Lab ID: WG37635-4
Client ID: WG37635-MeOHBlank
SDG: SA1351
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	94	1.0	5	250	94
71-43-2	Benzene	U	46	1.0	5	250	46
100-41-4	Ethylbenzene	U	40	1.0	5	250	40
	m+p-Xylenes	U	190	1.0	10	500	190
95-47-6	o-Xylene	U	77	1.0	5	250	77
1330-20-7	Xylenes (total)	U	270	1.0	15	750	270
1634-04-4	Methyl tert-butyl ether	U	87	1.0	5	250	87
1868-53-7	Dibromofluoromethane		88%				
17060-07-0	1,2-Dichloroethane-D4		89%				
2037-26-5	Toluene-D8		94%				
460-00-4	P-Bromofluorobenzene		91%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 03/29/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37437-1
Client ID: WG37437-LCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37437
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	68	137	10-200
Chloromethane	50	NA	49	98	50-130
Vinyl chloride	50	NA	52	105	16-149
Bromomethane	50	NA	56	111	29-151
Chloroethane	50	NA	59	119	50-127
Trichlorofluoromethane	50	NA	73	* 146	56-141
Diethyl Ether	50	NA	49	98	53-139
Tertiary-butyl alcohol	250	NA	222	89	60-146
1,1-Dichloroethene	50	NA	54	109	68-134
Carbon Disulfide	50	NA	47	94	54-154
Freon-113	50	NA	58	117	73-131
Iodomethane	50	NA	59	117	10-175
Acrolein	250	NA	246	98	46-154
Methylene Chloride	50	NA	48	96	65-139
Acetone	50	NA	53	106	20-160
Isobutyl Alcohol	1000	NA	817	82	50-145
trans-1,2-Dichloroethene	50	NA	52	103	67-139
Allyl Chloride	50	NA	53	106	51-180
Methyl tert-butyl ether	100	NA	104	104	83-128
Acetonitrile	500	NA	478	96	31-157
Di-isopropyl ether	50	NA	50	100	69-136
Chloroprene	50	NA	57	114	83-121
Methacrylonitrile	500	NA	484	97	66-137
Propionitrile	500	NA	451	90	38-157
1,1-Dichloroethane	50	NA	56	112	74-129
Acrylonitrile	250	NA	205	82	42-155
Ethyl tertiary-butyl ether	50	NA	45	91	77-129
Vinyl Acetate	50	NA	48	97	64-102
cis-1,2-Dichloroethene	50	NA	46	93	72-130
1,2-Dichloroethylene (total)	100	NA	98	98	70-134
Methyl Methacrylate	50	NA	48	96	80-130
2,2-Dichloropropane	50	NA	59	118	76-132
Bromochloromethane	50	NA	52	105	81-127
Chloroform	50	NA	59	117	80-125
Carbon Tetrachloride	50	NA	63	127	69-148
Tetrahydrofuran	50	NA	38	76	64-147
1,1,1-Trichloroethane	50	NA	56	113	83-130
1,1-Dichloropropene	50	NA	58	117	86-127
2-Butanone	50	NA	46	91	30-160
Benzene	50	NA	49	99	81-121
Cyclohexane	50	NA	53	106	64-138
Ethyl Methacrylate	50	NA	48	97	76-129
Tertiary-amyl methyl ether	50	NA	48	96	76-126
1,2-Dichloroethane	50	NA	62	125	69-148
Trichloroethene	50	NA	56	113	86-121

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 03/29/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37437-1
Client ID: WG37437-LCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37437
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dibromomethane	50	NA	56		112	75-131
1,2-Dichloropropane	50	NA	53		106	78-125
Bromodichloromethane	50	NA	57		114	78-123
cis-1,3-dichloropropene	50	NA	57		114	91-121
1,4-Dioxane	1000	NA	732		73	61-151
2-Chloroethylvinylether	50	NA	48		96	30-135
Toluene	50	NA	52		104	86-120
4-methyl-2-pentanone	50	NA	49		99	79-130
Tetrachloroethene	50	NA	48		95	74-136
trans-1,3-Dichloropropene	50	NA	59		118	88-134
1,1,2-Trichloroethane	50	NA	51		101	85-116
Dibromochloromethane	50	NA	55		110	81-120
1,3-Dichloropropane	50	NA	49		97	90-112
1,2-Dibromoethane	50	NA	53		106	89-119
2-Hexanone	50	NA	48		95	84-132
Chlorobenzene	50	NA	53		107	86-114
Ethylbenzene	50	NA	47		94	88-114
1,1,1,2-Tetrachloroethane	50	NA	56		112	83-126
Xylenes (total)	150	NA	153		102	84-118
m+p-Xylenes	100	NA	103		103	84-119
o-Xylene	50	NA	50		99	82-120
Styrene	50	NA	48		97	85-115
Bromoform	50	NA	54		108	84-124
Isopropylbenzene	50	NA	53		107	92-126
cis-1,4-Dichloro-2-Butene	50	NA	54		108	75-128
trans-1,4-Dichloro-2-Butene	50	NA	53		105	73-125
Bromobenzene	50	NA	48		97	84-116
N-Propylbenzene	50	NA	54		108	81-121
1,1,2,2-Tetrachloroethane	50	NA	47		94	74-128
1,3,5-Trimethylbenzene	50	NA	55		109	87-114
2-Chlorotoluene	50	NA	55		111	83-117
1,2,3-Trichloropropane	50	NA	70	*	141	38-138
4-Chlorotoluene	50	NA	52		104	84-117
tert-Butylbenzene	50	NA	54		107	72-128
Pentachloroethane	50	NA	52		103	75-119
1,2,4-Trimethylbenzene	50	NA	51		102	88-113
P-Isopropyltoluene	50	NA	55		111	85-123
1,3-Dichlorobenzene	50	NA	53		105	84-118
1,4-Dichlorobenzene	50	NA	55		110	87-117
N-Butylbenzene	50	NA	52		104	83-116
sec-Butylbenzene	50	NA	56		112	87-115
1,2-Dichlorobenzene	50	NA	48		96	86-114
1,2-Dibromo-3-Chloropropane	50	NA	56		111	83-117
1,3,5-Trichlorobenzene	50	NA	56		112	67-127
Hexachlorobutadiene	50	NA	57		115	77-122

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 03/29/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37437-1
Client ID: WG37437-LCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37437
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	55	110	74-124
1,2,3-Trimethylbenzene	50	NA	58	115	84-116
Naphthalene	50	NA	51	102	29-166
1,2,3-Trichlorobenzene	50	NA	49	97	45-155
Methyl Acetate	50	NA	53	106	36-185
Methylcyclohexane	50	NA	45	91	68-131
1-Chlorohexane	50	NA	50	100	70-130
Total Alkylbenzenes	400	NA	377	94	60-140

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 03/30/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37454-1
Client ID: WG37454-LCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	47	94	10-200
Chloromethane	50	NA	44	87	50-130
Vinyl chloride	50	NA	42	85	16-149
Bromomethane	50	NA	42	84	29-151
Chloroethane	50	NA	46	91	50-127
Trichlorofluoromethane	50	NA	44	89	56-141
Diethyl Ether	50	NA	46	91	53-139
Tertiary-butyl alcohol	250	NA	238	95	60-146
1,1-Dichloroethene	50	NA	43	86	68-134
Carbon Disulfide	50	NA	39	77	54-154
Freon-113	50	NA	47	95	73-131
Iodomethane	50	NA	49	98	10-175
Acrolein	250	NA	258	103	46-154
Methylene Chloride	50	NA	40	81	65-139
Acetone	50	NA	38	77	20-160
Isobutyl Alcohol	1000	NA	1100	110	50-145
trans-1,2-Dichloroethene	50	NA	46	92	67-139
Allyl Chloride	50	NA	48	96	51-180
Methyl tert-butyl ether	100	NA	90	90	83-128
Acetonitrile	500	NA	511	102	31-157
Di-isopropyl ether	50	NA	46	92	69-136
Chloroprene	50	NA	46	92	83-121
Methacrylonitrile	500	NA	525	105	66-137
Propionitrile	500	NA	516	103	38-157
1,1-Dichloroethane	50	NA	47	94	74-129
Acrylonitrile	250	NA	237	95	42-155
Ethyl tertiary-butyl ether	50	NA	49	98	77-129
Vinyl Acetate	50	NA	44	88	64-102
cis-1,2-Dichloroethene	50	NA	50	100	72-130
1,2-Dichloroethylene (total)	100	NA	96	96	70-134
Methyl Methacrylate	50	NA	50	100	80-130
2,2-Dichloropropane	50	NA	48	97	76-132
Bromochloromethane	50	NA	53	106	81-127
Chloroform	50	NA	50	101	80-125
Carbon Tetrachloride	50	NA	46	91	69-148
Tetrahydrofuran	50	NA	49	98	64-147
1,1,1-Trichloroethane	50	NA	47	94	83-130
1,1-Dichloropropene	50	NA	50	101	86-127
2-Butanone	50	NA	49	98	30-160
Benzene	50	NA	51	102	81-121
Cyclohexane	50	NA	54	109	64-138
Ethyl Methacrylate	50	NA	55	110	76-129
Tertiary-amyl methyl ether	50	NA	47	95	76-126
1,2-Dichloroethane	50	NA	44	88	69-148
Trichloroethene	50	NA	51	102	86-121

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 03/30/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37454-1
Client ID: WG37454-LCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dibromomethane	50	NA	48	96	75-131
1,2-Dichloropropane	50	NA	46	92	78-125
Bromodichloromethane	50	NA	45	90	78-123
cis-1,3-dichloropropene	50	NA	51	102	91-121
1,4-Dioxane	1000	NA	1070	107	61-151
2-Chloroethylvinylether	50	NA	58	116	30-135
Toluene	50	NA	53	106	86-120
4-methyl-2-pentanone	50	NA	50	100	79-130
Tetrachloroethene	50	NA	48	96	74-136
trans-1,3-Dichloropropene	50	NA	54	108	88-134
1,1,2-Trichloroethane	50	NA	50	101	85-116
Dibromochloromethane	50	NA	44	89	81-120
1,3-Dichloropropane	50	NA	48	97	90-112
1,2-Dibromoethane	50	NA	50	99	89-119
2-Hexanone	50	NA	49	98	84-132
Chlorobenzene	50	NA	51	101	86-114
Ethylbenzene	50	NA	47	95	88-114
1,1,1,2-Tetrachloroethane	50	NA	49	98	83-126
Xylenes (total)	150	NA	139	93	84-118
m+p-Xylenes	100	NA	92	92	84-119
o-Xylene	50	NA	47	94	82-120
Styrene	50	NA	49	99	85-115
Bromoform	50	NA	48	96	84-124
Isopropylbenzene	50	NA	54	108	92-126
cis-1,4-Dichloro-2-Butene	50	NA	44	87	75-128
trans-1,4-Dichloro-2-Butene	50	NA	46	92	73-125
Bromobenzene	50	NA	49	98	84-116
N-Propylbenzene	50	NA	51	102	81-121
1,1,2,2-Tetrachloroethane	50	NA	49	99	74-128
1,3,5-Trimethylbenzene	50	NA	48	96	87-114
2-Chlorotoluene	50	NA	50	100	83-117
1,2,3-Trichloropropane	50	NA	48	96	38-138
4-Chlorotoluene	50	NA	48	95	84-117
tert-Butylbenzene	50	NA	54	108	72-128
Pentachloroethane	50	NA	49	99	75-119
1,2,4-Trimethylbenzene	50	NA	48	96	88-113
P-Isopropyltoluene	50	NA	49	98	85-123
1,3-Dichlorobenzene	50	NA	50	100	84-118
1,4-Dichlorobenzene	50	NA	51	102	87-117
N-Butylbenzene	50	NA	48	96	83-116
sec-Butylbenzene	50	NA	52	105	87-115
1,2-Dichlorobenzene	50	NA	47	94	86-114
1,2-Dibromo-3-Chloropropane	50	NA	46	91	83-117
1,3,5-Trichlorobenzene	50	NA	54	108	67-127
Hexachlorobutadiene	50	NA	52	104	77-122

FORM III VOA-2
F5100.D

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 03/30/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37454-1
Client ID: WG37454-LCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	52	104	74-124
1,2,3-Trimethylbenzene	50	NA	53	106	84-116
Naphthalene	50	NA	47	95	29-166
1,2,3-Trichlorobenzene	50	NA	54	109	45-155
Methyl Acetate	50	NA	51	103	36-185
Methylcyclohexane	50	NA	48	96	68-131
1-Chlorohexane	50	NA	53	106	70-130
Total Alkylbenzenes	400	NA	350	88	60-140

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/02/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37509-1
Client ID: WG37509-LCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	43	86	10-200
Chloromethane	50	NA	42	85	50-130
Vinyl chloride	50	NA	38	77	16-149
Bromomethane	50	NA	39	78	29-151
Chloroethane	50	NA	42	83	50-127
Trichlorofluoromethane	50	NA	41	82	56-141
Diethyl Ether	50	NA	39	79	53-139
Tertiary-butyl alcohol	250	NA	208	83	60-146
1,1-Dichloroethene	50	NA	40	80	68-134
Carbon Disulfide	50	NA	37	74	54-154
Freon-113	50	NA	40	80	73-131
Iodomethane	50	NA	47	94	10-175
Acrolein	250	NA	221	88	46-154
Methylene Chloride	50	NA	38	76	65-139
Acetone	50	NA	41	81	20-160
Isobutyl Alcohol	1000	NA	943	94	50-145
trans-1,2-Dichloroethene	50	NA	44	87	67-139
Allyl Chloride	50	NA	43	86	51-180
Methyl tert-butyl ether	100	NA	84	84	83-128
Acetonitrile	500	NA	401	80	31-157
Di-isopropyl ether	50	NA	42	83	69-136
Chloroprene	50	NA	43	85	83-121
Methacrylonitrile	500	NA	451	90	66-137
Propionitrile	500	NA	446	89	38-157
1,1-Dichloroethane	50	NA	49	97	74-129
Acrylonitrile	250	NA	195	78	42-155
Ethyl tertiary-butyl ether	50	NA	46	91	77-129
Vinyl Acetate	50	NA	45	90	64-102
cis-1,2-Dichloroethene	50	NA	46	91	72-130
1,2-Dichloroethylene (total)	100	NA	89	89	70-134
Methyl Methacrylate	50	NA	43	86	80-130
2,2-Dichloropropane	50	NA	48	96	76-132
Bromochloromethane	50	NA	51	101	81-127
Chloroform	50	NA	48	97	80-125
Carbon Tetrachloride	50	NA	47	94	69-148
Tetrahydrofuran	50	NA	46	92	64-147
1,1,1-Trichloroethane	50	NA	47	95	83-130
1,1-Dichloropropene	50	NA	50	99	86-127
2-Butanone	50	NA	44	89	30-160
Benzene	50	NA	52	103	81-121
Cyclohexane	50	NA	48	95	64-138
Ethyl Methacrylate	50	NA	48	96	76-129
Tertiary-amyl methyl ether	50	NA	46	92	76-126
1,2-Dichloroethane	50	NA	47	94	69-148
Trichloroethene	50	NA	49	98	86-121

FORM III VOA-2
F5122.D

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/02/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37509-1
Client ID: WG37509-LCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dibromomethane	50	NA	48	96	75-131
1,2-Dichloropropane	50	NA	51	102	78-125
Bromodichloromethane	50	NA	47	94	78-123
cis-1,3-dichloropropene	50	NA	50	99	91-121
1,4-Dioxane	1000	NA	792	79	61-151
2-Chloroethylvinylether	50	NA	51	102	30-135
Toluene	50	NA	50	100	86-120
4-methyl-2-pentanone	50	NA	44	89	79-130
Tetrachloroethene	50	NA	48	96	74-136
trans-1,3-Dichloropropene	50	NA	53	107	88-134
1,1,2-Trichloroethane	50	NA	48	96	85-116
Dibromochloromethane	50	NA	47	93	81-120
1,3-Dichloropropane	50	NA	49	97	90-112
1,2-Dibromoethane	50	NA	50	101	89-119
2-Hexanone	50	NA	50	99	84-132
Chlorobenzene	50	NA	52	103	86-114
Ethylbenzene	50	NA	51	102	88-114
1,1,1,2-Tetrachloroethane	50	NA	51	103	83-126
Xylenes (total)	150	NA	146	97	84-118
m+p-Xylenes	100	NA	98	98	84-119
o-Xylene	50	NA	48	96	82-120
Styrene	50	NA	45	90	85-115
Bromoform	50	NA	49	97	84-124
Isopropylbenzene	50	NA	54	108	92-126
cis-1,4-Dichloro-2-Butene	50	NA	42	85	75-128
trans-1,4-Dichloro-2-Butene	50	NA	41	81	73-125
Bromobenzene	50	NA	47	94	84-116
N-Propylbenzene	50	NA	48	97	81-121
1,1,2,2-Tetrachloroethane	50	NA	48	97	74-128
1,3,5-Trimethylbenzene	50	NA	47	94	87-114
2-Chlorotoluene	50	NA	47	94	83-117
1,2,3-Trichloropropane	50	NA	65	129	38-138
4-Chlorotoluene	50	NA	47	94	84-117
tert-Butylbenzene	50	NA	49	98	72-128
Pentachloroethane	50	NA	44	88	75-119
1,2,4-Trimethylbenzene	50	NA	47	94	88-113
P-Isopropyltoluene	50	NA	46	93	85-123
1,3-Dichlorobenzene	50	NA	48	95	84-118
1,4-Dichlorobenzene	50	NA	52	104	87-117
N-Butylbenzene	50	NA	48	96	83-116
sec-Butylbenzene	50	NA	46	92	87-115
1,2-Dichlorobenzene	50	NA	46	92	86-114
1,2-Dibromo-3-Chloropropane	50	NA	48	95	83-117
1,3,5-Trichlorobenzene	50	NA	51	101	67-127
Hexachlorobutadiene	50	NA	47	94	77-122

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/02/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37509-1
Client ID: WG37509-LCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	50	99	74-124
1,2,3-Trimethylbenzene	50	NA	50	99	84-116
Naphthalene	50	NA	44	88	29-166
1,2,3-Trichlorobenzene	50	NA	47	95	45-155
Methyl Acetate	50	NA	44	88	36-185
Methylcyclohexane	50	NA	43	86	68-131
1-Chlorohexane	50	NA	46	91	70-130
Total Alkylbenzenes	400	NA	332	83	60-140

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 03/30/07
Report Date: 04/11/2007
Matrix: WATER

Lab ID: WG37470-1
Client ID: WG37470-LCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5030
Analyst: DMF
Analysis Method: SW846 8260B
Lab Prep Batch: WG37470
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	37		75	10-200
Chloromethane	50	NA	38		76	40-125
Vinyl chloride	50	NA	41		83	27-143
Bromomethane	50	NA	44		88	52-141
Chloroethane	50	NA	51		102	64-124
Trichlorofluoromethane	50	NA	61		122	63-153
Diethyl Ether	50	NA	49		99	63-146
Tertiary-butyl alcohol	250	NA	230		92	50-150
1,1-Dichloroethene	50	NA	46		91	85-129
Carbon Disulfide	50	NA	36	*	72	80-134
Freon-113	50	NA	56		112	79-129
Iodomethane	50	NA	54		108	67-144
Acrolein	250	NA	233		93	10-200
Methylene Chloride	50	NA	45		90	86-124
Acetone	50	NA	46		92	41-180
Isobutyl Alcohol	1000	NA	931		93	20-176
trans-1,2-Dichloroethene	50	NA	47		93	80-128
Allyl Chloride	50	NA	52		104	68-133
Methyl tert-butyl ether	100	NA	99		99	79-132
Acetonitrile	500	NA	484		97	35-171
Di-isopropyl ether	50	NA	50		99	82-122
Chloroprene	50	NA	52		104	77-133
Methacrylonitrile	500	NA	464		93	73-137
Propionitrile	500	NA	453		91	54-148
1,1-Dichloroethane	50	NA	49		99	90-127
Acrylonitrile	250	NA	227		91	70-135
Ethyl tertiary-butyl ether	50	NA	48		97	84-122
Vinyl Acetate	50	NA	63	*	127	47-122
cis-1,2-Dichloroethene	50	NA	45		89	84-121
1,2-Dichloroethylene (total)	100	NA	91		91	83-123
Methyl Methacrylate	50	NA	49		98	73-133
2,2-Dichloropropane	50	NA	52		103	68-149
Bromochloromethane	50	NA	47		94	87-120
Chloroform	50	NA	52		103	87-127
Carbon Tetrachloride	50	NA	59		117	74-149
Tetrahydrofuran	50	NA	42		85	46-154
1,1,1-Trichloroethane	50	NA	52		104	76-145
1,1-Dichloropropene	50	NA	53		105	87-130
2-Butanone	50	NA	42		85	30-150
Benzene	50	NA	50		99	90-116
Cyclohexane	50	NA	47		94	70-130
Ethyl Methacrylate	50	NA	54		108	60-138
Tertiary-amyl methyl ether	50	NA	48		95	82-118
1,2-Dichloroethane	50	NA	51		102	71-149
Trichloroethene	50	NA	50		100	83-132

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 03/30/07
Report Date: 04/11/2007
Matrix: WATER

Lab ID: WG37470-1
Client ID: WG37470-LCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5030
Analyst: DMF
Analysis Method: SW846 8260B
Lab Prep Batch: WG37470
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dibromomethane	50	NA	48	97	76-132
1,2-Dichloropropane	50	NA	49	99	95-112
Bromodichloromethane	50	NA	52	104	76-132
cis-1,3-dichloropropene	50	NA	51	102	85-127
1,4-Dioxane	1000	NA	992	99	10-125
2-Chloroethylvinylether	50	NA	56	111	20-137
Toluene	50	NA	52	104	85-122
4-methyl-2-pentanone	50	NA	49	98	63-154
Tetrachloroethene	50	NA	53	107	48-155
trans-1,3-Dichloropropene	50	NA	54	108	85-144
1,1,2-Trichloroethane	50	NA	49	99	78-124
Dibromochloromethane	50	NA	54	109	63-128
1,3-Dichloropropane	50	NA	50	101	65-127
1,2-Dibromoethane	50	NA	49	98	75-129
2-Hexanone	50	NA	49	97	47-160
Chlorobenzene	50	NA	51	101	68-128
Ethylbenzene	50	NA	55	110	76-124
1,1,1,2-Tetrachloroethane	50	NA	55	110	69-133
Xylenes (total)	150	NA	160	107	67-129
m+p-Xylenes	100	NA	107	107	68-127
o-Xylene	50	NA	53	105	64-133
Styrene	50	NA	51	102	66-130
Bromoform	50	NA	54	107	59-135
Isopropylbenzene	50	NA	58	116	95-140
cis-1,4-Dichloro-2-Butene	50	NA	50	100	56-155
trans-1,4-Dichloro-2-Butene	50	NA	50	100	66-151
Bromobenzene	50	NA	47	94	86-122
N-Propylbenzene	50	NA	54	107	92-124
1,1,2,2-Tetrachloroethane	50	NA	48	95	75-128
1,3,5-Trimethylbenzene	50	NA	52	105	86-127
2-Chlorotoluene	50	NA	50	101	84-129
1,2,3-Trichloropropane	50	NA	49	98	57-145
4-Chlorotoluene	50	NA	50	100	83-129
tert-Butylbenzene	50	NA	54	107	86-131
Pentachloroethane	50	NA	51	102	22-197
1,2,4-Trimethylbenzene	50	NA	53	105	85-124
P-Isopropyltoluene	50	NA	56	112	84-131
1,3-Dichlorobenzene	50	NA	53	106	81-121
1,4-Dichlorobenzene	50	NA	53	106	81-120
N-Butylbenzene	50	NA	54	108	67-138
sec-Butylbenzene	50	NA	55	109	82-128
1,2-Dichlorobenzene	50	NA	49	98	74-124
1,2-Dibromo-3-Chloropropane	50	NA	52	104	55-151
1,3,5-Trichlorobenzene	50	NA	50	99	77-122
Hexachlorobutadiene	50	NA	49	98	75-119

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 03/30/07
Report Date: 04/11/2007
Matrix: WATER

Lab ID: WG37470-1
Client ID: WG37470-LCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5030
Analyst: DMF
Analysis Method: SW846 8260B
Lab Prep Batch: WG37470
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	48	96	64-125
1,2,3-Trimethylbenzene	50	NA	52	105	84-122
Naphthalene	50	NA	48	95	40-137
1,2,3-Trichlorobenzene	50	NA	48	96	38-140
Methyl Acetate	50	NA	38	76	61-168
Methylcyclohexane	50	NA	48	97	81-130
1-Chlorohexane	50	NA	47	94	80-120
Total Alkylbenzenes	350	NA	377	108	60-140

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/05/07
Report Date: 04/11/2007
Matrix: WATER

Lab ID: WG37635-1
Client ID: WG37635-LCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	76		151	10-200
Chloromethane	50	NA	63	*	126	40-125
Vinyl chloride	50	NA	61		123	27-143
Bromomethane	50	NA	54		107	52-141
Chloroethane	50	NA	59		118	64-124
Trichlorofluoromethane	50	NA	72		144	63-153
Diethyl Ether	50	NA	49		97	63-146
Tertiary-butyl alcohol	250	NA	202		81	50-150
1,1-Dichloroethene	50	NA	49		98	85-129
Carbon Disulfide	50	NA	38	*	75	80-134
Freon-113	50	NA	52		104	79-129
Iodomethane	50	NA	59		117	67-144
Acrolein	250	NA	303		121	10-200
Methylene Chloride	50	NA	46		93	86-124
Acetone	50	NA	44		89	41-180
Isobutyl Alcohol	1000	NA	869		87	20-176
trans-1,2-Dichloroethene	50	NA	50		100	80-128
Allyl Chloride	50	NA	49		98	68-133
Methyl tert-butyl ether	100	NA	97		97	79-132
Acetonitrile	500	NA	457		91	35-171
Di-isopropyl ether	50	NA	49		99	82-122
Chloroprene	50	NA	49		98	77-133
Methacrylonitrile	500	NA	460		92	73-137
Propionitrile	500	NA	446		89	54-148
1,1-Dichloroethane	50	NA	51		101	90-127
Acrylonitrile	250	NA	229		92	70-135
Ethyl tertiary-butyl ether	50	NA	47		95	84-122
Vinyl Acetate	50	NA	62	*	125	47-122
cis-1,2-Dichloroethene	50	NA	45		90	84-121
1,2-Dichloroethylene (total)	100	NA	95		95	83-123
Methyl Methacrylate	50	NA	48		95	73-133
2,2-Dichloropropane	50	NA	50		101	68-149
Bromochloromethane	50	NA	47		94	87-120
Chloroform	50	NA	51		102	87-127
Carbon Tetrachloride	50	NA	58		116	74-149
Tetrahydrofuran	50	NA	44		88	46-154
1,1,1-Trichloroethane	50	NA	52		104	76-145
1,1-Dichloropropene	50	NA	54		107	87-130
2-Butanone	50	NA	42		83	30-150
Benzene	50	NA	50		101	90-116
Cyclohexane	50	NA	53		106	70-130
Ethyl Methacrylate	50	NA	52		104	60-138
Tertiary-amyl methyl ether	50	NA	47		94	82-118
1,2-Dichloroethane	50	NA	51		102	71-149
Trichloroethene	50	NA	50		101	83-132

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/05/07
Report Date: 04/11/2007
Matrix: WATER

Lab ID: WG37635-1
Client ID: WG37635-LCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dibromomethane	50	NA	48	97	76-132
1,2-Dichloropropane	50	NA	51	103	95-112
Bromodichloromethane	50	NA	51	102	76-132
cis-1,3-dichloropropene	50	NA	51	102	85-127
1,4-Dioxane	1000	NA	833	83	10-125
2-Chloroethylvinylether	50	NA	49	97	20-137
Toluene	50	NA	52	104	85-122
4-methyl-2-pentanone	50	NA	50	101	63-154
Tetrachloroethene	50	NA	54	108	48-155
trans-1,3-Dichloropropene	50	NA	54	107	85-144
1,1,2-Trichloroethane	50	NA	50	100	78-124
Dibromochloromethane	50	NA	52	105	63-128
1,3-Dichloropropane	50	NA	52	103	65-127
1,2-Dibromoethane	50	NA	49	97	75-129
2-Hexanone	50	NA	48	96	47-160
Chlorobenzene	50	NA	50	100	68-128
Ethylbenzene	50	NA	52	104	76-124
1,1,1,2-Tetrachloroethane	50	NA	55	109	69-133
Xylenes (total)	150	NA	160	107	67-129
m+p-Xylenes	100	NA	106	106	68-127
o-Xylene	50	NA	54	107	64-133
Styrene	50	NA	50	101	66-130
Bromoform	50	NA	51	103	59-135
Isopropylbenzene	50	NA	59	117	95-140
cis-1,4-Dichloro-2-Butene	50	NA	49	99	56-155
trans-1,4-Dichloro-2-Butene	50	NA	49	97	66-151
Bromobenzene	50	NA	48	96	86-122
N-Propylbenzene	50	NA	54	108	92-124
1,1,2,2-Tetrachloroethane	50	NA	49	99	75-128
1,3,5-Trimethylbenzene	50	NA	53	105	86-127
2-Chlorotoluene	50	NA	52	105	84-129
1,2,3-Trichloropropane	50	NA	49	98	57-145
4-Chlorotoluene	50	NA	51	102	83-129
tert-Butylbenzene	50	NA	53	106	86-131
Pentachloroethane	50	NA	50	100	22-197
1,2,4-Trimethylbenzene	50	NA	53	105	85-124
P-Isopropyltoluene	50	NA	54	108	84-131
1,3-Dichlorobenzene	50	NA	52	103	81-121
1,4-Dichlorobenzene	50	NA	52	105	81-120
N-Butylbenzene	50	NA	52	104	67-138
sec-Butylbenzene	50	NA	54	107	82-128
1,2-Dichlorobenzene	50	NA	49	98	74-124
1,2-Dibromo-3-Chloropropane	50	NA	44	88	55-151
1,3,5-Trichlorobenzene	50	NA	49	98	77-122
Hexachlorobutadiene	50	NA	45	91	75-119

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/05/07
Report Date: 04/11/2007
Matrix: WATER

Lab ID: WG37635-1
Client ID: WG37635-LCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	47	94	64-125
1,2,3-Trimethylbenzene	50	NA	52	103	84-122
Naphthalene	50	NA	46	91	40-137
1,2,3-Trichlorobenzene	50	NA	46	92	38-140
Methyl Acetate	50	NA	37	73	61-168
Methylcyclohexane	50	NA	46	91	81-130
1-Chlorohexane	50	NA	50	101	80-120
Total Alkylbenzenes	350	NA	372	106	60-140

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/05/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37635-3
Client ID: WG37635-MeOHLCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dichlorodifluoromethane	2500	NA	3820		153	10-200
Chloromethane	2500	NA	3100		124	40-125
Vinyl chloride	2500	NA	3160		126	27-143
Bromomethane	2500	NA	2060		82	52-141
Chloroethane	2500	NA	2200		88	64-124
Trichlorofluoromethane	2500	NA	1720		69	63-153
Diethyl Ether	2500	NA	964	*	38	63-146
Tertiary-butyl alcohol		NA				50-150
1,1-Dichloroethene	2500	NA	1630	*	65	85-129
Carbon Disulfide	2500	NA	1660	*	66	80-134
Freon-113	2500	NA	2330		93	79-129
Iodomethane	2500	NA	2130		85	67-144
Acrolein	12500	NA	14500		116	10-200
Methylene Chloride	2500	NA	2050	*	82	86-124
Acetone	2500	NA	2080		83	41-180
Isobutyl Alcohol	50000	NA	2580	*	5	20-176
trans-1,2-Dichloroethene	2500	NA	2410		96	80-128
Allyl Chloride	2500	NA	2520		101	68-133
Methyl tert-butyl ether	5000	NA	4790		96	79-132
Acetonitrile	25000	NA	9820		39	35-171
Di-isopropyl ether	2500	NA	2480		99	82-122
Chloroprene	2500	NA	2580		103	77-133
Methacrylonitrile	25000	NA	22600		90	73-137
Propionitrile	25000	NA	22500		90	54-148
1,1-Dichloroethane	2500	NA	2620		105	90-127
Acrylonitrile	12500	NA	11600		93	70-135
Ethyl tertiary-butyl ether	2500	NA	2420		97	84-122
Vinyl Acetate	2500	NA	3150	*	126	47-122
cis-1,2-Dichloroethene	2500	NA	2330		93	84-121
1,2-Dichloroethylene (total)	5000	NA	4750		95	83-123
Methyl Methacrylate	2500	NA	2280		91	73-133
2,2-Dichloropropane	2500	NA	2720		109	68-149
Bromochloromethane	2500	NA	2260		90	87-120
Chloroform	2500	NA	2620		105	87-127
Carbon Tetrachloride	2500	NA	2940		118	74-149
Tetrahydrofuran	2500	NA	2160		86	46-154
1,1,1-Trichloroethane	2500	NA	2700		108	76-145
1,1-Dichloropropene	2500	NA	2740		110	87-130
2-Butanone	2500	NA	2120		85	30-150
Benzene	2500	NA	2590		104	90-116
Cyclohexane	2500	NA	2740		110	70-130
Ethyl Methacrylate	2500	NA	2650		106	60-138
Tertiary-amyl methyl ether	2500	NA	2320		93	82-118
1,2-Dichloroethane	2500	NA	2580		103	71-149
Trichloroethene	2500	NA	2510		100	83-132

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/05/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37635-3
Client ID: WG37635-MeOHLCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dibromomethane	2500	NA	2390	96	76-132
1,2-Dichloropropane	2500	NA	2600	104	95-112
Bromodichloromethane	2500	NA	2560	102	76-132
cis-1,3-dichloropropene	2500	NA	2560	102	85-127
1,4-Dioxane	50000	NA	46000	92	10-125
2-Chloroethylvinylether	2500	NA	2880	115	20-137
Toluene	2500	NA	2610	104	85-122
4-methyl-2-pentanone	2500	NA	2390	96	63-154
Tetrachloroethene	2500	NA	2750	110	48-155
trans-1,3-Dichloropropene	2500	NA	2670	107	85-144
1,1,2-Trichloroethane	2500	NA	2530	101	78-124
Dibromochloromethane	2500	NA	2570	103	63-128
1,3-Dichloropropane	2500	NA	2530	101	65-127
1,2-Dibromoethane	2500	NA	2430	97	75-129
2-Hexanone	2500	NA	2290	92	47-160
Chlorobenzene	2500	NA	2500	100	68-128
Ethylbenzene	2500	NA	2590	104	76-124
1,1,1,2-Tetrachloroethane	2500	NA	2680	107	69-133
Xylenes (total)	7500	NA	7900	105	67-129
m+p-Xylenes	5000	NA	5260	105	68-127
o-Xylene	2500	NA	2640	106	64-133
Styrene	2500	NA	2510	100	66-130
Bromoform	2500	NA	2440	98	59-135
Isopropylbenzene	2500	NA	2960	118	95-140
cis-1,4-Dichloro-2-Butene	2500	NA	2540	102	56-155
trans-1,4-Dichloro-2-Butene	2500	NA	2470	99	66-151
Bromobenzene	2500	NA	2370	95	86-122
N-Propylbenzene	2500	NA	2720	109	92-124
1,1,2,2-Tetrachloroethane	2500	NA	2390	96	75-128
1,3,5-Trimethylbenzene	2500	NA	2670	107	86-127
2-Chlorotoluene	2500	NA	2620	105	84-129
1,2,3-Trichloropropane	2500	NA	2360	94	57-145
4-Chlorotoluene	2500	NA	2570	103	83-129
tert-Butylbenzene	2500	NA	2680	107	86-131
Pentachloroethane	2500	NA	2580	103	22-197
1,2,4-Trimethylbenzene	2500	NA	2720	109	85-124
P-Isopropyltoluene	2500	NA	2780	111	84-131
1,3-Dichlorobenzene	2500	NA	2650	106	81-121
1,4-Dichlorobenzene	2500	NA	2690	108	81-120
N-Butylbenzene	2500	NA	2720	109	67-138
sec-Butylbenzene	2500	NA	2720	109	82-128
1,2-Dichlorobenzene	2500	NA	2520	101	74-124
1,2-Dibromo-3-Chloropropane	2500	NA	2230	89	55-151
1,3,5-Trichlorobenzene	2500	NA	2630	105	77-122
Hexachlorobutadiene	2500	NA	2500	100	75-119

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/05/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37635-3
Client ID: WG37635-MeOHLCS
SDG: SA1351
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	2500	NA	2470		99	64-125
1,2,3-Trimethylbenzene	2500	NA	2690		108	84-122
Naphthalene	2500	NA	2320		93	40-137
1,2,3-Trichlorobenzene	2500	NA	2400		96	38-140
Methyl Acetate	2500	NA	864	*	34	61-168
Methylcyclohexane	2500	NA	2400		96	81-130
1-Chlorohexane	2500	NA	2570		103	80-120
Total Alkylbenzenes	17500	NA	19000		108	60-140

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: FB627 BFB Injection Date: 03/23/07

Instrument ID: GCMS-F BFB Injection Time: 1204

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	28.4
75	30.0 - 60.0% of mass 95	52.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	79.7
175	5.0 - 9.0% of mass 174	7.1 (8.9)1
176	95.0 - 101.0% of mass 174	80.1 (100.5)1
177	5.0 - 9.0% of mass 176	5.9 (7.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD200F23A	F5024	03/23/07	1353
02		VSTD100F23A	F5025	03/23/07	1430
03		VSTD050F23A	F5026	03/23/07	1508
04		VSTD020F23A	F5027	03/23/07	1546
05		VSTD010F23A	F5028	03/23/07	1623
06		VSTD005F23A	F5029	03/23/07	1701
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: FB631 BFB Injection Date: 03/29/07

Instrument ID: GCMS-F BFB Injection Time: 0939

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.8
75	30.0 - 60.0% of mass 95	54.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	85.1
175	5.0 - 9.0% of mass 174	6.2 (7.2)1
176	95.0 - 101.0% of mass 174	81.5 (95.7)1
177	5.0 - 9.0% of mass 176	6.0 (7.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050F29A	F5080	03/29/07	1008
02	WG37437-LCS	WG37437-1	F5081	03/29/07	1100
03	WG37437-BLANK	WG37437-2	F5083	03/29/07	1220
04	JAX25-SB90-03	SA1351-1	F5084	03/29/07	1302
05	JAX25-SB91-03	SA1351-2	F5085	03/29/07	1339
06	JAX25-SB92-03	SA1351-3	F5086	03/29/07	1417
07	JAX25-SB93-03	SA1351-4	F5087	03/29/07	1455
08	JAX25-SB87-03	SA1351-6	F5089	03/29/07	1610
09	JAX25-SB88-03	SA1351-7	F5090	03/29/07	1647
10	JAX25-SB89-03	SA1351-8	F5091	03/29/07	1725
11	JAX25-SB94-03	SA1351-9	F5092	03/29/07	1802
12	JAX25-SB95-01	SA1351-10	F5093	03/29/07	1840
13	JAX25-SB97-03	SA1351-11	F5094	03/29/07	1917
14	JAX25-SB96-01	SA1351-12	F5095	03/29/07	1955
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: FB632 BFB Injection Date: 03/30/07

Instrument ID: GCMS-F BFB Injection Time: 0855

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	25.1
75	30.0 - 60.0% of mass 95	56.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	87.4
175	5.0 - 9.0% of mass 174	6.4 (7.3)1
176	95.0 - 101.0% of mass 174	88.2 (100.9)1
177	5.0 - 9.0% of mass 176	6.0 (6.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050F30A	F5099	03/30/07	0925
02	WG37454-LCS	WG37454-1	F5100	03/30/07	1012
03	WG37454-BLANK	WG37454-2	F5102	03/30/07	1132
04	JAX25-SB86-03	SA1351-5RA	F5103	03/30/07	1213
05	JAX25-SB98-01	SA1351-13	F5104	03/30/07	1250
06	JAX25-SB99-01	SA1351-14	F5105	03/30/07	1328
07	JAX25-SB83-03	SA1351-15	F5106	03/30/07	1405
08	JAX25-SB84-03	SA1351-16	F5107	03/30/07	1443
09	JAX25-SB85-03	SA1351-17	F5108	03/30/07	1521
10	JAX25-SB82-03	SA1351-18	F5109	03/30/07	1559
11	JAX25-SB81-03	SA1351-19	F5110	03/30/07	1636
12	JAX25-SB78-02	SA1351-20	F5111	03/30/07	1714
13	JAX25-SB79-01	SA1351-21	F5112	03/30/07	1752
14	JAX25-SB102-03	SA1351-22	F5113	03/30/07	1829
15	JAX25-SB103-03	SA1351-23	F5114	03/30/07	1907
16	JAX25-SB96-01	SA1351-12RA	F5115	03/30/07	1945
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: FB633 BFB Injection Date: 04/02/07

Instrument ID: GCMS-F BFB Injection Time: 0936

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	25.5
75	30.0 - 60.0% of mass 95	55.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	85.4
175	5.0 - 9.0% of mass 174	4.3 (5.0)1
176	95.0 - 101.0% of mass 174	81.9 (95.9)1
177	5.0 - 9.0% of mass 176	5.7 (6.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050F02A	F5121	04/02/07	1005
02	WG37509-LCS	WG37509-1	F5122	04/02/07	1104
03	WG37509-BLANK	WG37509-2	F5124	04/02/07	1227
04	JAX25-SB102-03	SA1351-22RA	F5125	04/02/07	1322
05	JAX25-SB85-03	SA1351-17RA	F5134	04/02/07	1859
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: TB302 BFB Injection Date: 03/29/07

Instrument ID: GCMS-T BFB Injection Time: 1342

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.0
75	30.0 - 60.0% of mass 95	42.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	96.9
175	5.0 - 9.0% of mass 174	6.1 (6.3)1
176	95.0 - 101.0% of mass 174	96.2 (99.3)1
177	5.0 - 9.0% of mass 176	5.7 (5.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD200T29A	T5019	03/29/07	1444
02		VSTD100T29A	T5020	03/29/07	1516
03		VSTD050T29A	T5021	03/29/07	1548
04		VSTD020T29A	T5022	03/29/07	1620
05		VSTD005T29A	T5023	03/29/07	1652
06		VSTD001T29A	T5024	03/29/07	1724
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: TB303 BFB Injection Date: 03/30/07

Instrument ID: GCMS-T BFB Injection Time: 0938

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.7
75	30.0 - 60.0% of mass 95	47.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.0
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	121.1
175	5.0 - 9.0% of mass 174	8.2 (6.7)1
176	95.0 - 101.0% of mass 174	117.3 (96.9)1
177	5.0 - 9.0% of mass 176	6.5 (5.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050T30A	T5046	03/30/07	1011
02	WG37470-LCS	WG37470-1	T5048	03/30/07	1148
03	WG37470-BLANK	WG37470-2	T5050	03/30/07	1304
04	TRIP BLANK	SA1351-24	T5055	03/30/07	1556
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: TB306 BFB Injection Date: 04/05/07

Instrument ID: GCMS-T BFB Injection Time: 1002

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.3
75	30.0 - 60.0% of mass 95	43.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	5.9
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	99.8
175	5.0 - 9.0% of mass 174	8.7 (8.7)1
176	95.0 - 101.0% of mass 174	99.9 (100.1)1
177	5.0 - 9.0% of mass 176	6.4 (6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050T05A	T5114	04/05/07	1029
02	WG37635-MEOHLCS	WG37635-3	T5116	04/05/07	1135
03	WG37635-LCS	WG37635-1	T5117	04/05/07	1228
04	WG37635-BLANK	WG37635-2	T5119	04/05/07	1344
05	WG37635-MEOHBLANK	WG37635-4	T5120	04/05/07	1416
06	JAX25-SB96-01	SA1351-12DL	T5131	04/05/07	2029
07	JAX25-SB85-03	SA1351-17DL	T5132	04/05/07	2101
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): F5080 Date Analyzed: 03/29/07

Instrument ID: GCMS-F Time Analyzed: 1008

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS1(PFB) AREA #	IS1(PFB) RT #	IS2(DFB) AREA #	IS2(DFB) RT #	IS3(CBZ) AREA #	IS3(CBZ) RT #
12 HOUR STD	93535	9.07	138532	9.78	122062	12.98
UPPER LIMIT	187070	9.57	277064	10.28	244124	13.48
LOWER LIMIT	46768	8.57	69266	9.28	61031	12.48

	CLIENT SAMPLE ID	LAB SAMPLE ID	IS1(PFB) AREA #	IS1(PFB) RT #	IS2(DFB) AREA #	IS2(DFB) RT #	IS3(CBZ) AREA #	IS3(CBZ) RT #
01	WG37437-LCS	WG37437-1	104215	9.07	147952	9.78	124622	12.97
02	WG37437-BLANK	WG37437-2	92369	9.08	137013	9.79	113302	12.97
03	JAX25-SB90-03	SA1351-1	72110	9.07	117237	9.78	89954	12.97
04	JAX25-SB91-03	SA1351-2	91353	9.07	132509	9.78	112560	12.97
05	JAX25-SB92-03	SA1351-3	94796	9.08	127743	9.78	105259	12.97
06	JAX25-SB93-03	SA1351-4	90242	9.08	132290	9.79	114266	12.97
07	JAX25-SB87-03	SA1351-6	91618	9.07	130265	9.78	104462	12.97
08	JAX25-SB88-03	SA1351-7	90591	9.08	126050	9.79	102255	12.97
09	JAX25-SB89-03	SA1351-8	89181	9.08	138561	9.79	113308	12.97
10	JAX25-SB94-03	SA1351-9	87912	9.07	147365	9.78	124000	12.97
11	JAX25-SB95-01	SA1351-10	85877	9.08	146024	9.79	109523	12.97
12	JAX25-SB97-03	SA1351-11	128996	9.08	196229	9.79	154024	12.97
13	JAX25-SB96-01	SA1351-12	74062	9.20	155372	9.83	152594	13.05
14								
15								
16								
17								
18								
19								
20								

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): F5080 Date Analyzed: 03/29/07

Instrument ID: GCMS-F Time Analyzed: 1008

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		65440	14.70				
UPPER LIMIT		130880	15.20				
LOWER LIMIT		32720	14.20				
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG37437-LCS	WG37437-1	66734	14.70				
02 WG37437-BLANK	WG37437-2	53558	14.69				
03 JAX25-SB90-03	SA1351-1	40740	14.70				
04 JAX25-SB91-03	SA1351-2	54979	14.70				
05 JAX25-SB92-03	SA1351-3	44715	14.70				
06 JAX25-SB93-03	SA1351-4	47655	14.69				
07 JAX25-SB87-03	SA1351-6	48004	14.70				
08 JAX25-SB88-03	SA1351-7	46896	14.69				
09 JAX25-SB89-03	SA1351-8	51875	14.69				
10 JAX25-SB94-03	SA1351-9	55918	14.70				
11 JAX25-SB95-01	SA1351-10	55152	14.69				
12 JAX25-SB97-03	SA1351-11	76507	14.69				
13 JAX25-SB96-01	SA1351-12	31161*	14.72				
14							
15							
16							
17							
18							
19							
20							

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): F5099 Date Analyzed: 03/30/07

Instrument ID: GCMS-F Time Analyzed: 0925

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD	183744	9.07	242189	9.78	203557	12.97
UPPER LIMIT	367488	9.57	484378	10.28	407114	13.47
LOWER LIMIT	91872	8.57	121095	9.28	101779	12.47

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG37454-LCS	WG37454-1	168837	9.08	246771	9.79	213767	12.97
02	WG37454-BLANK	WG37454-2	178750	9.08	237370	9.78	199920	12.98
03	JAX25-SB86-03	SA1351-5RA	156121	9.08	217340	9.78	163015	12.98
04	JAX25-SB98-01	SA1351-13	197805	9.10	275709	9.80	232445	12.98
05	JAX25-SB99-01	SA1351-14	164398	9.08	246493	9.78	187336	12.98
06	JAX25-SB83-03	SA1351-15	188405	9.07	274348	9.78	211238	12.97
07	JAX25-SB84-03	SA1351-16	163880	9.08	223578	9.79	194028	12.97
08	JAX25-SB85-03	SA1351-17	60422*	9.11	105212*	9.79	56810*	12.99
09	JAX25-SB82-03	SA1351-18	183852	9.08	283448	9.78	228726	12.98
10	JAX25-SB81-03	SA1351-19	162044	9.08	234325	9.79	189413	12.97
11	JAX25-SB78-02	SA1351-20	180296	9.07	253327	9.78	201533	12.98
12	JAX25-SB79-01	SA1351-21	189787	9.09	279334	9.78	225812	12.97
13	JAX25-SB102-03	SA1351-22	38324*	9.08	58064*	9.78	50227*	12.98
14	JAX25-SB103-03	SA1351-23	166053	9.08	238973	9.79	191397	12.97
15	JAX25-SB96-01	SA1351-12RA	158373	9.18	220521	9.81	168051	13.01
16								
17								
18								
19								
20								

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): F5099 Date Analyzed: 03/30/07

Instrument ID: GCMS-F Time Analyzed: 0925

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		103135	14.70				
UPPER LIMIT		206270	15.20				
LOWER LIMIT		51568	14.20				
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG37454-LCS	WG37454-1	106040	14.71				
02 WG37454-BLANK	WG37454-2	105412	14.70				
03 JAX25-SB86-03	SA1351-5RA	60866	14.70				
04 JAX25-SB98-01	SA1351-13	89296	14.70				
05 JAX25-SB99-01	SA1351-14	90444	14.70				
06 JAX25-SB83-03	SA1351-15	99499	14.70				
07 JAX25-SB84-03	SA1351-16	81968	14.70				
08 JAX25-SB85-03	SA1351-17	95228	14.68				
09 JAX25-SB82-03	SA1351-18	107889	14.70				
10 JAX25-SB81-03	SA1351-19	86686	14.70				
11 JAX25-SB78-02	SA1351-20	84046	14.70				
12 JAX25-SB79-01	SA1351-21	94381	14.70				
13 JAX25-SB102-03	SA1351-22	23519*	14.70				
14 JAX25-SB103-03	SA1351-23	92379	14.69				
15 JAX25-SB96-01	SA1351-12RA	40794*	14.71				
16							
17							
18							
19							
20							

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): F5121 Date Analyzed: 04/02/07

Instrument ID: GCMS-F Time Analyzed: 1005

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS1(PFB) AREA #	IS1(PFB) RT #	IS2(DFB) AREA #	IS2(DFB) RT #	IS3(CBZ) AREA #	IS3(CBZ) RT #
12 HOUR STD	158266	9.08	242582	9.79	196928	12.98
UPPER LIMIT	316532	9.58	485164	10.29	393856	13.48
LOWER LIMIT	79133	8.58	121291	9.29	98464	12.48

	CLIENT SAMPLE ID	LAB SAMPLE ID	IS1(PFB) AREA #	IS1(PFB) RT #	IS2(DFB) AREA #	IS2(DFB) RT #	IS3(CBZ) AREA #	IS3(CBZ) RT #
01	WG37509-LCS	WG37509-1	158346	9.09	226373	9.79	188207	12.98
02	WG37509-BLANK	WG37509-2	139600	9.08	202014	9.79	165048	12.98
03	JAX25-SB102-03	SA1351-22RA	12751*	9.09	22621*	9.78	22242*	12.98
04	JAX25-SB85-03	SA1351-17RA	116041	9.15	188570	9.80	89294*	13.00
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): F5121 Date Analyzed: 04/02/07

Instrument ID: GCMS-F Time Analyzed: 1005

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		93945	14.70				
UPPER LIMIT		187890	15.20				
LOWER LIMIT		46973	14.20				
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG37509-LCS	WG37509-1	96656	14.70				
02 WG37509-BLANK	WG37509-2	79273	14.70				
03 JAX25-SB102-03	SA1351-22RA	10732*	14.70				
04 JAX25-SB85-03	SA1351-17RA	55957	14.73				
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): T5046 Date Analyzed: 03/30/07

Instrument ID: GCMS-T Time Analyzed: 1011

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD	1103265	8.20	1417805	9.09	1235189	12.61
UPPER LIMIT	2206530	8.70	2835610	9.59	2470378	13.11
LOWER LIMIT	551633	7.70	708903	8.59	617595	12.11

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG37470-LCS	WG37470-1	1151788	8.20	1536676	9.10	1287420	12.62
02	WG37470-BLANK	WG37470-2	1089548	8.21	1383009	9.10	1183074	12.62
03	TRIP BLANK	SA1351-24	977223	8.21	1241621	9.10	1048643	12.61
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): T5046 Date Analyzed: 03/30/07

Instrument ID: GCMS-T Time Analyzed: 1011

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	757930	15.74				
UPPER LIMIT	1515860	16.24				
LOWER LIMIT	378965	15.24				

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG37470-LCS	WG37470-1	758472	15.74				
02	WG37470-BLANK	WG37470-2	677959	15.74				
03	TRIP BLANK	SA1351-24	611089	15.74				
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): T5114 Date Analyzed: 04/05/07

Instrument ID: GCMS-T Time Analyzed: 1029

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD	1223091	8.24	1602902	9.12	1401098	12.64
UPPER LIMIT	2446182	8.74	3205804	9.62	2802196	13.14
LOWER LIMIT	611546	7.74	801451	8.62	700549	12.14

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG37635-MEOHLCS	WG37635-3	1266684	8.24	1709805	9.12	1444249	12.63
02	WG37635-LCS	WG37635-1	1335653	8.24	1803658	9.12	1510778	12.63
03	WG37635-BLANK	WG37635-2	1253923	8.24	1637628	9.13	1377310	12.64
04	WG37635-MEOHBLANK	WG37635-4	1245517	8.24	1647331	9.12	1387664	12.64
05	JAX25-SB96-01	SA1351-12DL	1263195	8.24	1945963	9.12	1520998	12.63
06	JAX25-SB85-03	SA1351-17DL	1385336	8.22	1996417	9.12	1544323	12.63
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): T5114 Date Analyzed: 04/05/07

Instrument ID: GCMS-T Time Analyzed: 1029

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		845539	15.76				
UPPER LIMIT		1691078	16.26				
LOWER LIMIT		422770	15.26				
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG37635-MEOHLCS	WG37635-3	830755	15.75				
02 WG37635-LCS	WG37635-1	879643	15.75				
03 WG37635-BLANK	WG37635-2	777352	15.75				
04 WG37635-MEOHBLANK	WG37635-4	801669	15.75				
05 JAX25-SB96-01	SA1351-12DL	884164	15.74				
06 JAX25-SB85-03	SA1351-17DL	918119	15.75				
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

Sample Data Section

ORGANICS DATA QUALIFIERS

U	Indicates the compound was analyzed for but not detected above the laboratory Practical Quantitation Limit.
*	Compound recovery outside of quality control limits.
D	Indicates the result was obtained from analysis of a diluted sample. Surrogate recoveries may not be calculable.
E	Estimated value. This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis.
J	Estimated value. The analyte was detected in the sample at a concentration less than the laboratory Practical Quantitation Limit (PQL), but above the Method Detection Limit (MDL).
B	Indicates the analyte was detected in the laboratory method blank analyzed concurrently with the sample.
N	Presumptive evidence of a compound based on a mass spectral library search.
A	Indicates that a tentatively identified compound is a suspected aldol-condensation product.
P	Used for Pesticide/Aroclor analyte when there is a greater than 25% difference for detected concentrations between the two GC columns.

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 29-MAR-2007 13:02
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 72.0

Lab ID: SA1351-1
Client ID: JAX25-SB90-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37437
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
	m+p-Xylenes	U	4	1.0	10	12	4
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	U	6	1.0	15	18	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		116%				
17060-07-0	1,2-Dichloroethane-D4		126%				
2037-26-5	Toluene-D8		91%				
460-00-4	P-Bromofluorobenzene		101%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 29-MAR-2007 13:39
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.3

Lab ID: SA1351-2
Client ID: JAX25-SB91-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37437
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	1	1.0	5	5	1
71-43-2	Benzene	U	0.7	1.0	5	5	0.7
100-41-4	Ethylbenzene	U	0.6	1.0	5	5	0.6
	m+p-Xylenes	U	3	1.0	10	10	3
95-47-6	o-Xylene	U	1	1.0	5	5	1
1330-20-7	Xylenes (total)	U	4	1.0	15	15	4
1634-04-4	Methyl tert-butyl ether	U	1	1.0	5	5	1
1868-53-7	Dibromofluoromethane		93%				
17060-07-0	1,2-Dichloroethane-D4		106%				
2037-26-5	Toluene-D8		84%				
460-00-4	P-Bromofluorobenzene		101%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 29-MAR-2007 14:17
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 83.1

Lab ID: SA1351-3
Client ID: JAX25-SB92-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37437
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	1	1.0	5	5	1
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		85%				
17060-07-0	1,2-Dichloroethane-D4		100%				
2037-26-5	Toluene-D8		84%				
460-00-4	P-Bromofluorobenzene		83%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 29-MAR-2007 14:55
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 89.6

Lab ID: SA1351-4
Client ID: JAX25-SB93-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37437
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	I	3	1.0	5	6	1.0
	m+p-Xylenes	U	5	1.0	10	12	5
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	U	6	1.0	15	18	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		89%				
17060-07-0	1,2-Dichloroethane-D4		104%				
2037-26-5	Toluene-D8		85%				
460-00-4	P-Bromofluorobenzene		84%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 12:13
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 79.7

Lab ID: SA1351-5RA
Client ID: JAX25-SB86-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	1	1.0	5	6	1
	m+p-Xylenes	U	5	1.0	10	13	5
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	U	7	1.0	15	20	7
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		77%				
17060-07-0	1,2-Dichloroethane-D4		78%				
2037-26-5	Toluene-D8		88%				
460-00-4	P-Bromofluorobenzene		69%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 29-MAR-2007 16:10
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.0

Lab ID: SA1351-6
Client ID: JAX25-SB87-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37437
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		85%				
17060-07-0	1,2-Dichloroethane-D4		99%				
2037-26-5	Toluene-D8		79%				
460-00-4	P-Bromofluorobenzene		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 29-MAR-2007 16:47
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.5

Lab ID: SA1351-7
Client ID: JAX25-SB88-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37437
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		85%				
17060-07-0	1,2-Dichloroethane-D4		107%				
2037-26-5	Toluene-D8		85%				
460-00-4	P-Bromofluorobenzene		94%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 29-MAR-2007 17:25
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 93.2

Lab ID: SA1351-8
Client ID: JAX25-SB89-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37437
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	1.0	1.0	5	5	1.0
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		90%				
17060-07-0	1,2-Dichloroethane-D4		104%				
2037-26-5	Toluene-D8		75%				
460-00-4	P-Bromofluorobenzene		85%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 29-MAR-2007 18:02
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 89.5

Lab ID: SA1351-9
Client ID: JAX25-SB94-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37437
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	1.0	1.0	5	5	1.0
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	6	1.0	15	16	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		90%				
17060-07-0	1,2-Dichloroethane-D4		102%				
2037-26-5	Toluene-D8		84%				
460-00-4	P-Bromofluorobenzene		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 29-MAR-2007 18:40
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.9

Lab ID: SA1351-10
Client ID: JAX25-SB95-01
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37437
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
	m+p-Xylenes	U	4	1.0	10	11	4
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	U	6	1.0	15	16	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		97%				
17060-07-0	1,2-Dichloroethane-D4		105%				
2037-26-5	Toluene-D8		86%				
460-00-4	P-Bromofluorobenzene		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 29-MAR-2007 19:17
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 83.4

Lab ID: SA1351-11
Client ID: JAX25-SB97-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37437
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	1.0	1.0	5	5	1.0
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		78%				
17060-07-0	1,2-Dichloroethane-D4		90%				
2037-26-5	Toluene-D8		100%				
460-00-4	P-Bromofluorobenzene		101%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 29-MAR-2007 19:55
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 91.9

Lab ID: SA1351-12
Client ID: JAX25-SB96-01
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37437
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.8	1.0	5	5	0.8
100-41-4	Ethylbenzene		62	1.0	5	5	0.7
	m+p-Xylenes		100	1.0	10	10	4
95-47-6	o-Xylene		16	1.0	5	5	1
1330-20-7	Xylenes (total)		120	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		J147%				
17060-07-0	1,2-Dichloroethane-D4		J 0%				
2037-26-5	Toluene-D8		J 0%				
460-00-4	P-Bromofluorobenzene		49%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 19:45
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 91.9

Lab ID: SA1351-12RA
Client ID: JAX25-SB96-01
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene		40	1.0	5	5	0.8
	m+p-Xylenes		62	1.0	10	10	4
95-47-6	o-Xylene		11	1.0	5	5	2
1330-20-7	Xylenes (total)		73	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		68%				
17060-07-0	1,2-Dichloroethane-D4		69%				
2037-26-5	Toluene-D8		90%				
460-00-4	P-Bromofluorobenzene		60%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 05-APR-2007 20:29
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 91.9

Lab ID: SA1351-12DL
Client ID: JAX25-SB96-01
SDG: SA1351
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	98	1.0	5	260	98
71-43-2	Benzene	U	48	1.0	5	260	48
100-41-4	Ethylbenzene	I	85	1.0	5	260	42
	m+p-Xylenes	U	200	1.0	10	520	200
95-47-6	o-Xylene	U	80	1.0	5	260	80
1330-20-7	Xylenes (total)	U	280	1.0	15	780	280
1634-04-4	Methyl tert-butyl ether	U	90	1.0	5	260	90
1868-53-7	Dibromofluoromethane		82%				
17060-07-0	1,2-Dichloroethane-D4		89%				
2037-26-5	Toluene-D8		86%				
460-00-4	P-Bromofluorobenzene		82%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 12:50
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 76.0

Lab ID: SA1351-13
Client ID: JAX25-SB98-01
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	I	6	1.0	5	6	1
	m+p-Xylenes	U	5	1.0	10	12	5
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	U	7	1.0	15	19	7
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		62%				
17060-07-0	1,2-Dichloroethane-D4		65%				
2037-26-5	Toluene-D8		80%				
460-00-4	P-Bromofluorobenzene		78%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 13:28
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 94.0

Lab ID: SA1351-14
Client ID: JAX25-SB99-01
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene	U	0.7	1.0	5	5	0.7
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	1	1.0	5	5	1
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		71%				
17060-07-0	1,2-Dichloroethane-D4		68%				
2037-26-5	Toluene-D8		74%				
460-00-4	P-Bromofluorobenzene		82%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 14:05
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 72.9

Lab ID: SA1351-15
Client ID: JAX25-SB83-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	3	1.0	5	8	3
71-43-2	Benzene	U	2	1.0	5	8	2
100-41-4	Ethylbenzene	U	1	1.0	5	8	1
	m+p-Xylenes	U	6	1.0	10	16	6
95-47-6	o-Xylene	U	2	1.0	5	8	2
1330-20-7	Xylenes (total)	U	9	1.0	15	24	9
1634-04-4	Methyl tert-butyl ether	U	3	1.0	5	8	3
1868-53-7	Dibromofluoromethane		69%				
17060-07-0	1,2-Dichloroethane-D4		61%				
2037-26-5	Toluene-D8		79%				
460-00-4	P-Bromofluorobenzene		71%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 14:43
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.5

Lab ID: SA1351-16
Client ID: JAX25-SB84-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
	m+p-Xylenes	U	4	1.0	10	11	4
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	U	6	1.0	15	17	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		68%				
17060-07-0	1,2-Dichloroethane-D4		66%				
2037-26-5	Toluene-D8		76%				
460-00-4	P-Bromofluorobenzene		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 15:21
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 93.6

Lab ID: SA1351-17
Client ID: JAX25-SB85-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene		19	1.0	5	6	0.9
	m+p-Xylenes	I	7	1.0	10	11	4
95-47-6	o-Xylene		10	1.0	5	6	2
1330-20-7	Xylenes (total)	I	17	1.0	15	17	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		66%				
17060-07-0	1,2-Dichloroethane-D4		71%				
2037-26-5	Toluene-D8		65%				
460-00-4	P-Bromofluorobenzene		J2229%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 02-APR-2007 18:59
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 93.6

Lab ID: SA1351-17RA
Client ID: JAX25-SB85-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene		50	1.0	5	6	0.9
	m+p-Xylenes	I	11	1.0	10	11	4
95-47-6	o-Xylene		13	1.0	5	6	2
1330-20-7	Xylenes (total)		24	1.0	15	16	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		79%				
17060-07-0	1,2-Dichloroethane-D4		75%				
2037-26-5	Toluene-D8		84%				
460-00-4	P-Bromofluorobenzene		J2039%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 05-APR-2007 21:01
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 93.6

Lab ID: SA1351-17DL
Client ID: JAX25-SB85-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	110	1.0	5	290	110
71-43-2	Benzene	U	55	1.0	5	290	55
100-41-4	Ethylbenzene	U	47	1.0	5	290	47
	m+p-Xylenes	U	230	1.0	10	590	230
95-47-6	o-Xylene	U	91	1.0	5	290	91
1330-20-7	Xylenes (total)	U	310	1.0	15	880	310
1634-04-4	Methyl tert-butyl ether	U	100	1.0	5	290	100
1868-53-7	Dibromofluoromethane		82%				
17060-07-0	1,2-Dichloroethane-D4		82%				
2037-26-5	Toluene-D8		87%				
460-00-4	P-Bromofluorobenzene		J140%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 15:59
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.8

Lab ID: SA1351-18
Client ID: JAX25-SB82-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	1.0	1.0	5	5	1.0
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		68%				
17060-07-0	1,2-Dichloroethane-D4		62%				
2037-26-5	Toluene-D8		76%				
460-00-4	P-Bromofluorobenzene		80%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 16:36
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.9

Lab ID: SA1351-19
Client ID: JAX25-SB81-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
	m+p-Xylenes	U	4	1.0	10	11	4
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	U	6	1.0	15	17	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		68%				
17060-07-0	1,2-Dichloroethane-D4		70%				
2037-26-5	Toluene-D8		85%				
460-00-4	P-Bromofluorobenzene		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 17:14
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.7

Lab ID: SA1351-20
Client ID: JAX25-SB78-02
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		73%				
17060-07-0	1,2-Dichloroethane-D4		66%				
2037-26-5	Toluene-D8		86%				
460-00-4	P-Bromofluorobenzene		83%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 17:52
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 93.3

Lab ID: SA1351-21
Client ID: JAX25-SB79-01
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
	m+p-Xylenes	U	4	1.0	10	11	4
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	U	6	1.0	15	17	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		66%				
17060-07-0	1,2-Dichloroethane-D4		66%				
2037-26-5	Toluene-D8		77%				
460-00-4	P-Bromofluorobenzene		76%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 18:29
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 89.6

Lab ID: SA1351-22
Client ID: JAX25-SB102-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		88%				
17060-07-0	1,2-Dichloroethane-D4		90%				
2037-26-5	Toluene-D8		95%				
460-00-4	P-Bromofluorobenzene		103%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 02-APR-2007 13:22
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 89.6

Lab ID: SA1351-22RA
Client ID: JAX25-SB102-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		109%				
17060-07-0	1,2-Dichloroethane-D4		132%				
2037-26-5	Toluene-D8		85%				
460-00-4	P-Bromofluorobenzene		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 19:07
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.4

Lab ID: SA1351-23
Client ID: JAX25-SB103-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	1.0	1.0	5	5	1.0
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	6	1.0	15	16	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		71%				
17060-07-0	1,2-Dichloroethane-D4		69%				
2037-26-5	Toluene-D8		75%				
460-00-4	P-Bromofluorobenzene		82%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 02/12/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 15:56
Report Date: 04/11/2007
Matrix: WATER
% Solids: NA

Lab ID: SA1351-24
Client ID: TRIP BLANK
SDG: SA1351
Extracted by:
Extraction Method: SW846 5030
Analyst: DMF
Analysis Method: SW846 8260B
Lab Prep Batch: WG37470
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.4	1.0	1	1	0.4
71-43-2	Benzene	U	0.5	1.0	1	1	0.5
100-41-4	Ethylbenzene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	U	1.0	1.0	2	2	1.0
95-47-6	o-Xylene	U	0.4	1.0	1	1	0.4
1330-20-7	Xylenes (total)	U	1	1.0	3	3	1
1634-04-4	Methyl tert-butyl ether	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		94%				
17060-07-0	1,2-Dichloroethane-D4		96%				
2037-26-5	Toluene-D8		101%				
460-00-4	P-Bromofluorobenzene		96%				

Standards Data Section

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GCMS-F Calibration Date(s): 03/23/07 03/23/07

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1353 1701

LAB FILE ID: RF5: F5029 RF10: F5028 RF20: F5027
RF50: F5026 RF100: F5025 RF200: F5024

COMPOUND	RF5	RF10	RF20	RF50	RF100	RF200	CURVE	COEFF. A1	%RSD OR R^2	MAX %RSD OR R^2
Toluene	0.953	0.972	0.946	0.877	0.909	1.081	AVRG	0.95660627	7.301	15.000
Benzene	1.397	1.676	1.661	1.423	1.529	1.619	AVRG	1.55069120	7.795	15.000
Ethylbenzene	2.264	2.438	2.708	2.192	2.330	2.475	AVRG	2.40103500	7.653	15.000
m+p-Xylenes	0.804	0.836	0.840	0.751	0.858	0.886	AVRG	0.82926589	5.662	15.000
o-Xylene	0.828	0.775	0.845	0.732	0.771	0.811	AVRG	0.79382007	5.267	15.000
Xylenes (total)							AVRG			0.000
Methyl tert-butyl ether	1.675	1.974	1.989	1.670	1.890	1.939	AVRG	1.85609287	7.882	15.000
Dibromofluoromethane	0.841	0.948	0.866	0.757	0.855	0.886	AVRG	0.85897285	7.259	15.000
1,2-Dichloroethane-D4	1.099	1.060	0.964	0.846	0.880	0.968	AVRG	0.96933127	10.146	15.000
Toluene-D8	1.397	1.555	1.326	1.237	1.210	1.382	AVRG	1.35097878	9.257	15.000
P-Bromofluorobenzene	0.591	0.622	0.551	0.543	0.529	0.596	AVRG	0.57223295	6.329	15.000

Average %RSD test result.

Calculate Average %RSD: 8.646585464
Maximum Average %RSD: 15.00000000

Note: Passes Average %RSD Test.

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GCMS-T Calibration Date(s): 03/29/07 03/29/07

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1444 1724

LAB FILE ID: RF1: T5024 RF5: T5023 RF20: T5022
RF50: T5021 RF100: T5020 RF200: T5019

COMPOUND	RF1	RF5	RF20	RF50	RF100	RF200	CURVE	COEFF. A1	%RSD OR R^2	MAX %RSD OR R^2
Toluene	0.696	0.716	0.655	0.742	0.706	0.691	AVRG	0.70103841	4.129	15.000
Benzene	1.036	1.112	1.006	1.143	1.107	1.100	AVRG	1.08395486	4.764	15.000
Ethylbenzene	1.688	1.760	1.645	1.757	1.773	1.697	AVRG	1.72004355	2.964	15.000
m+p-Xylenes	0.573	0.618	0.580	0.655	0.607	0.580	AVRG	0.60226059	5.190	15.000
o-Xylene	0.516	0.580	0.563	0.622	0.612	0.606	AVRG	0.58322980	6.769	15.000
Xylenes (total)							AVRG			0.000
Methyl tert-butyl ether	1.212	1.295	1.382	1.440	1.381	1.355	AVRG	1.34426390	5.954	15.000
Dibromofluoromethane	0.529	0.581	0.539	0.578	0.580	0.581	AVRG	0.56467905	4.215	15.000
1,2-Dichloroethane-D4	0.706	0.696	0.634	0.676	0.675	0.689	AVRG	0.67929099	3.732	15.000
Toluene-D8	0.878	1.000	0.874	0.976	0.954	0.898	AVRG	0.93008951	5.784	15.000
P-Bromofluorobenzene	0.466	0.436	0.390	0.413	0.424	0.414	AVRG	0.42377101	6.068	15.000

Average %RSD test result.

Calculate Average %RSD: 9.255220413
Maximum Average %RSD: 15.00000000

Note: Passes Average %RSD Test.

FORM VI VOA

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GCMS-F Calibration Date: 03/29/07 Time: 1008

Lab File ID: F5080 Init. Calib. Date(s): 03/23/07 03/23/07

Init. Calib. Times: 1353 1701

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE	
Toluene	0.9560000	0.8872300	0.01	-7.19	20.00	AVRG	
Benzene	1.5510000	1.3653000	0.01	-11.97		AVRG	
Ethylbenzene	2.4010000	2.3315000	0.01	-2.89	20.00	AVRG	
m+p-Xylenes	0.8290000	0.7476900	0.01	-9.81		AVRG	
o-Xylene	0.7940000	0.7300700	0.01	-8.05		AVRG	
Xylenes (total)	0.0000000	0.7418200	0.01	0.00		AVRG	<-
Methyl tert-butyl ether	1.8560000	1.9475000	0.01	4.93		AVRG	
Dibromofluoromethane	0.8590000	0.8038900	0.01	-6.42		AVRG	
1,2-Dichloroethane-D4	0.9700000	0.9759200	0.01	0.61		AVRG	
Toluene-D8	1.3510000	1.2236000	0.01	-9.43		AVRG	
P-Bromofluorobenzene	0.5720000	0.5954500	0.01	4.10		AVRG	

FORM VII VOA

Data File: \\Target_server\GG\chem\gcms-f.i\F032907.b\F5080.D
Report Date: 10-Apr-2007 15:40

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gcms-f.i\F032907.b\F5080.D
Lab Smp Id: VSTD050F29A
Inj Date : 29-MAR-2007 10:08 MS Autotune Date: 16-MAR-2007 17:33
Operator : SKT Inst ID: gcms-f.i
Smp Info : VSTD050F29A
Misc Info : SW846 8260B
Comment :
Method : \\TARGET_SERVER\GG\chem\gcms-f.i\F032907.b\F826S26.m
Meth Date : 29-Mar-2007 10:48 gcms-f.i Quant Type: ISTD
Cal Date : 23-MAR-2007 17:01 Cal File: F5029.D
Als bottle: 12 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.12

Concentration Formula: Amt * DF * (100/(100-M))*(Vt/Ws) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
M	0.00000	% Moisture
Vt	5.000	Volume of DI Water (mL)
Ws	5.000	Weight of Sample (g)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	AMOUNTS ON-COL (ug/kg)
1 Dichlorodifluoromethane	85	2.026	2.027	(0.223)	95297	50.0000	73.6
2 Chloromethane	50	2.258	2.271	(0.249)	71727	50.0000	48.1
3 Vinyl chloride	62	2.340	2.341	(0.258)	73397	50.0000	51.5
4 Bromomethane	94	2.712	2.724	(0.299)	58556	50.0000	54.6
5 Chloroethane	64	2.863	2.876	(0.316)	47635	50.0000	58.0
6 Trichlorofluoromethane	101	3.037	3.038	(0.335)	151197	50.0000	62.7
7 Diethyl Ether	59	3.421	3.422	(0.377)	51594	50.0000	53.4
8 Tertiary-butyl alcohol	59	5.176	5.201	(0.571)	30383	250.000	256
9 1,1-Dichloroethene	96	3.665	3.678	(0.404)	59384	50.0000	51.5
10 Carbon Disulfide	76	3.700	3.713	(0.408)	208172	50.0000	53.3
11 Freon-113	151	3.723	3.736	(0.410)	55590	50.0000	55.0
12 Iodomethane	142	3.863	3.875	(0.426)	101212	50.0000	52.7
13 Acrolein	56	4.142	4.155	(0.457)	27830	250.000	253
14 Methylene Chloride	84	4.502	4.515	(0.496)	70968	50.0000	46.3
15 Acetone	43	4.607	4.608	(0.508)	115059	250.000	286
16 Isobutyl Alcohol	43	9.374	9.375	(1.033)	34142	1000.00	922
17 trans-1,2-Dichloroethene	96	4.758	4.759	(0.525)	65894	50.0000	50.8
18 Allyl Chloride	41	4.339	4.352	(0.478)	142395	50.0000	57.4
19 Methyl tert-butyl ether	73	4.956	4.968	(0.546)	364328	100.000	105
20 Acetonitrile	39	5.386	5.387	(0.594)	15600	500.000	572
21 Di-isopropyl ether	45	5.665	5.678	(0.624)	274930	50.0000	52.0
22 Chloroprene	53	5.804	5.805	(0.640)	158669	50.0000	62.5

Data File: \\Target_server\GG\chem\gcms-f.i\F032907.b\F5080.D
Report Date: 10-Apr-2007 15:40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	AMOUNTS ON-COL (ug/kg)
	23 Propionitrile	54	8.943	8.945	(0.986)	47867	500.000	459
	24 Methacrylonitrile	41	8.967	8.979	(0.988)	346425	500.000	523
	25 1,1-Dichloroethane	63	5.851	5.864	(0.645)	144756	50.0000	54.5
	26 Acrylonitrile	52	5.979	5.991	(0.659)	64163	250.000	227
	27 Ethyl tertiary-butyl ether	59	6.420	6.433	(0.708)	212963	50.0000	50.8
	28 Vinyl Acetate	43	6.432	6.445	(0.658)	152301	50.0000	51.9
	29 cis-1,2-Dichloroethene	96	7.013	7.038	(0.773)	53801	50.0000	43.1
M	30 1,2-Dichloroethylene (total)	96				119695	100.000	93.9
	31 Methyl Methacrylate	41	10.606	10.607	(1.084)	55234	50.0000	51.1
	32 2,2-Dichloropropane	77	7.258	7.270	(0.800)	138331	50.0000	59.6
	33 Bromochloromethane	128	7.478	7.491	(0.824)	28193	50.0000	47.4
	34 Chloroform	83	7.699	7.701	(0.849)	141141	50.0000	54.0
	35 Carbon Tetrachloride	117	7.920	7.933	(0.810)	127686	50.0000	58.1
	36 Tetrahydrofuran	42	8.037	8.048	(0.886)	53539	250.000	195
$	37 Dibromofluoromethane	113	8.106	8.106	(0.894)	75192	50.0000	46.8
	38 1,1,1-Trichloroethane	97	8.095	8.106	(0.892)	138918	50.0000	58.2
	39 1,1-Dichloropropene	75	8.385	8.385	(0.857)	91738	50.0000	51.2
	40 2-Butanone	43	8.420	8.433	(0.928)	116086	250.000	239
	41 Benzene	78	8.839	8.852	(0.904)	189138	50.0000	44.0
*	42 Pentafluorobenzene	168	9.071	9.084	(1.000)	93535	50.0000	
	43 Cyclohexane	56	7.420	7.445	(0.818)	76543	50.0000	43.6
	44 Ethyl Methacrylate	69	12.013	12.014	(1.228)	56135	50.0000	45.4
$	45 1,2-Dichloroethane-D4	65	9.083	9.096	(1.001)	91283	50.0000	50.3
	46 Tertiary-amyl methyl ether	73	9.106	9.119	(1.004)	141528	50.0000	46.5
	47 1,2-Dichloroethane	62	9.188	9.189	(0.939)	116630	50.0000	53.9
	48 Trichloroethene	95	9.711	9.723	(0.993)	70338	50.0000	52.5
*	49 1,4-Difluorobenzene	114	9.780	9.793	(1.000)	138532	50.0000	
	50 Dibromomethane	93	10.211	10.212	(1.044)	40684	50.0000	48.9
	51 1,2-Dichloropropane	63	10.315	10.328	(1.055)	51541	50.0000	43.8
	52 Bromodichloromethane	83	10.408	10.409	(1.064)	119555	50.0000	55.4
	53 cis-1,3-dichloropropene	75	11.059	11.072	(1.131)	93602	50.0000	45.0
	54 1,4-Dioxane	88	10.629	10.630	(1.087)	6251	1000.00	746
$	55 Toluene-D8	98	11.257	11.258	(1.151)	169502	50.0000	45.3
	56 2-Chloroethylvinylether	63	11.024	11.026	(1.127)	23705	50.0000	43.3
	57 Toluene	92	11.315	11.316	(1.157)	122910	50.0000	46.4
	58 4-methyl-2-pentanone	43	11.769	11.770	(1.203)	287811	250.000	263
	59 Tetrachloroethene	164	11.745	11.746	(0.905)	47233	50.0000	40.5
	60 trans-1,3-Dichloropropene	75	11.803	11.805	(1.207)	97053	50.0000	53.7
	61 1,1,2-Trichloroethane	83	11.989	12.002	(1.226)	34922	50.0000	44.7
	62 Dibromochloromethane	129	12.199	12.212	(0.940)	78674	50.0000	47.4
	63 1,3-Dichloropropane	76	12.315	12.316	(0.949)	78326	50.0000	46.4
	64 1,2-Dibromoethane	107	12.466	12.467	(1.275)	50160	50.0000	48.8
	65 2-Hexanone	43	12.710	12.723	(0.979)	196664	250.000	239
*	66 Chlorobenzene-D5	117	12.978	12.979	(1.000)	122062	50.0000	
	67 Chlorobenzene	112	12.989	12.990	(1.001)	150876	50.0000	48.6
	152 1-Chlorohexane	91	12.966	12.979	(1.429)	79579	50.0000	47.5
	68 Ethylbenzene	91	13.013	13.014	(1.003)	284591	50.0000	48.6
	69 1,1,1,2-Tetrachloroethane	131	13.047	13.049	(1.005)	69334	50.0000	52.4
M	70 Xylenes (total)	106				271644	150.000	136
	71 m+p-Xylenes	106	13.140	13.153	(1.013)	182530	100.000	90.2
	72 o-Xylene	106	13.501	13.502	(1.040)	89114	50.0000	46.0
	73 Styrene	104	13.547	13.549	(1.044)	155526	50.0000	46.5
	74 Bromoform	173	13.571	13.572	(1.046)	46555	50.0000	46.8
	75 Isopropylbenzene	105	13.745	13.746	(0.935)	237562	50.0000	45.4

Data File: \\Target_server\GG\chem\gcms-f.i\F032907.b\F5080.D
Report Date: 10-Apr-2007 15:40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	AMOUNTS ON-COL (ug/kg)
$	76 P-Bromofluorobenzene	95	13.954	13.955	(1.427)	82489	50.0000	52.0
	77 cis-1,4-Dichloro-2-Butene	53	14.001	14.002	(0.953)	29763	50.0000	52.8
	78 trans-1,4-Dichloro-2-Butene	53	14.210	14.223	(0.967)	28365	50.0000	55.2
	79 Bromobenzene	156	14.036	14.037	(0.955)	66641	50.0000	43.4
	80 N-Propylbenzene	91	14.036	14.048	(0.955)	360618	50.0000	50.2
	81 1,1,2,2-Tetrachloroethane	83	14.094	14.107	(0.959)	53156	50.0000	42.5
	82 1,3,5-Trimethylbenzene	105	14.175	14.176	(0.964)	218361	50.0000	43.9
	83 2-Chlorotoluene	91	14.152	14.153	(0.963)	228019	50.0000	46.6
	84 1,2,3-Trichloropropane	75	14.187	14.200	(0.965)	61431	50.0000	55.5(M) M3 SKT 041107
	85 4-Chlorotoluene	91	14.268	14.269	(0.971)	220971	50.0000	48.4
	86 tert-Butylbenzene	119	14.396	14.397	(0.979)	276033	50.0000	53.0
	87 Pentachloroethane	117	14.408	14.421	(0.980)	67738	50.0000	53.2
	88 1,2,4-Trimethylbenzene	105	14.431	14.432	(0.982)	239893	50.0000	47.7
	89 P-Isopropyltoluene	119	14.594	14.595	(0.993)	228120	50.0000	43.7
	90 1,3-Dichlorobenzene	146	14.652	14.653	(0.997)	126028	50.0000	45.7
*	91 1,4-Dichlorobenzene-D4	152	14.698	14.700	(1.000)	65440	50.0000	
	92 1,4-Dichlorobenzene	146	14.710	14.711	(1.001)	119613	50.0000	45.6
	93 N-Butylbenzene	91	14.850	14.851	(1.010)	245260	50.0000	46.7
	94 sec-Butylbenzene	105	14.501	14.514	(0.987)	276168	50.0000	44.0
	95 1,2-Dichlorobenzene	146	14.966	14.967	(1.018)	105374	50.0000	39.9
	96 1,2-Dibromo-3-Chloropropane	75	15.454	15.455	(1.051)	38397	50.0000	52.8
	97 1,3,5-Trichlorobenzene	180	15.466	15.467	(1.705)	102360	50.0000	57.3
	98 Hexachlorobutadiene	225	15.849	15.851	(1.078)	63202	50.0000	51.0
	99 1,2,4-Trichlorobenzene	180	15.884	15.885	(1.081)	80939	50.0000	44.4
	100 1,2,3-Trimethylbenzene	105	14.710	14.711	(1.622)	244190	50.0000	62.8
	101 Naphthalene	128	16.117	16.117	(1.096)	129354	50.0000	42.2
	102 1,2,3-Trichlorobenzene	180	16.245	16.257	(1.105)	79070	50.0000	47.1
	103 Methyl Acetate	43	4.804	4.817	(0.530)	46963	50.0000	53.2
	104 Methylcyclohexane	83	9.676	9.689	(1.067)	83150	50.0000	48.0
M	153 Total Alkylbenzenes	100				1844453	50.0000	329

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Target_server\GG\chem\gcms-f.i\F032907.b\F5080.D
Report Date: 10-Apr-2007 15:40

Katahdin Analytical Services

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: gcms-f.i
Lab File ID: F5080.D
Lab Smp Id: VSTD050F29A
Analysis Type: VOA
Quant Type: ISTD
Operator: SKT
Method File: \\TARGET_SERVER\GG\chem\gcms-f.i\F032907.b\F826S26.m
Misc Info: SW846 8260B

Calibration Date: 29-MAR-2007
Calibration Time: 10:08

Level: LOW
Sample Type: SOIL

Test Mode:
Use Last Continuing Calibrator.
If Continuing Cal. use Initial Cal. Level 4

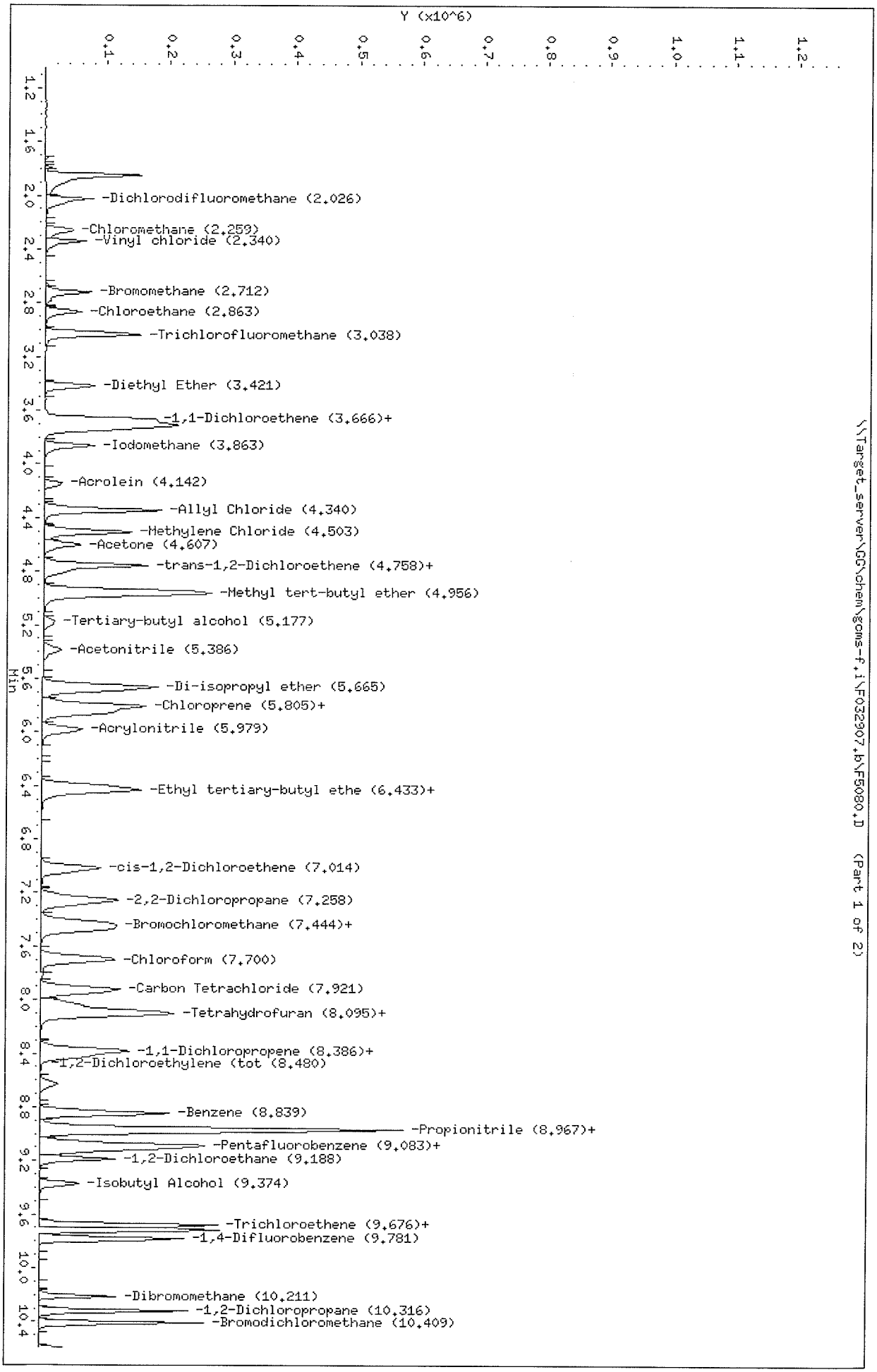
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
42 Pentafluorobenzen	158274	79137	316548	93535	-40.90
49 1,4-Difluorobenze	225409	112705	450818	138532	-38.54
66 Chlorobenzene-D5	185424	92712	370848	122062	-34.17
91 1,4-Dichlorobenze	91888	45944	183776	65440	-28.78

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
42 Pentafluorobenzen	9.08	8.58	9.58	9.07	-0.14
49 1,4-Difluorobenze	9.79	9.29	10.29	9.78	-0.13
66 Chlorobenzene-D5	12.98	12.48	13.48	12.98	-0.01
91 1,4-Dichlorobenze	14.70	14.20	15.20	14.70	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\Target_server\GC\chem\gcms-f.i\F032907.b\F5080.D
Date : 29-MAR-2007 10:08
Client ID:
Sample Info: WSTD050F29A
Column phase: RTX-VMS

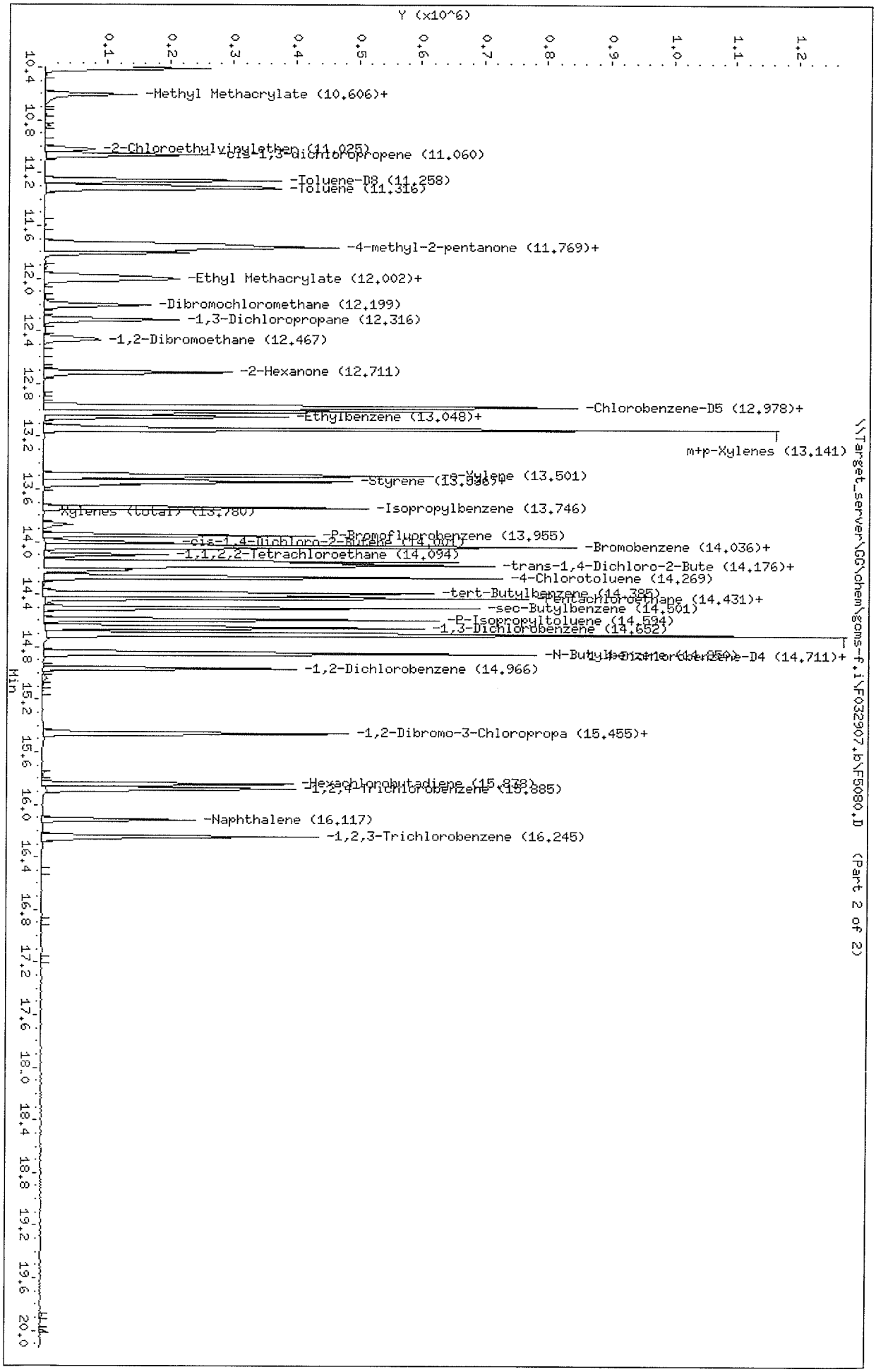
Instrument: gcms-f.i
Operator: SKT
Column diameter: 0.18



\\Target_server\GC\chem\gcms-f.i\F032907.b\F5080.D (Part 1 of 2)

Data File: \\Target_server\GC\chem\gcms-f.i\F032907.b\F5080.D
Date : 29-MAR-2007 10:08
Client ID:
Sample Info: VSTD050F29A
Column phase: RTX-VMS

Instrument: gcms-f.i
Operator: SKT
Column diameter: 0.18



FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GCMS-F Calibration Date: 04/02/07 Time: 1005

Lab File ID: F5121 Init. Calib. Date(s): 03/23/07 03/23/07

Init. Calib. Times: 1353 1701

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE	
Toluene	0.9560000	0.9012100	0.01	-5.73	20.00	AVRG	
Benzene	1.5510000	1.5281000	0.01	-1.48		AVRG	
Ethylbenzene	2.4010000	2.2048000	0.01	-8.17	20.00	AVRG	
m+p-Xylenes	0.8290000	0.7557500	0.01	-8.84		AVRG	
o-Xylene	0.7940000	0.7333200	0.01	-7.64		AVRG	
Xylenes (total)	0.0000000	0.7482800	0.01	0.00		AVRG	<-
Methyl tert-butyl ether	1.8560000	1.6856000	0.01	-9.18		AVRG	
Dibromofluoromethane	0.8590000	0.6556900	0.01	-23.67		AVRG	
1,2-Dichloroethane-D4	0.9700000	0.6718100	0.01	-30.74		AVRG	
Toluene-D8	1.3510000	1.1226000	0.01	-16.91		AVRG	
P-Bromofluorobenzene	0.5720000	0.5151200	0.01	-9.94		AVRG	

FORM VII VOA

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GCMS-T Calibration Date: 03/30/07 Time: 1011

Lab File ID: T5046 Init. Calib. Date(s): 03/29/07 03/29/07

Init. Calib. Times: 1444 1724

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE	
Toluene	0.7010000	0.7802400	0.01	11.30	20.00	AVRG	
Benzene	1.0840000	1.1242000	0.01	3.71		AVRG	
Ethylbenzene	1.7200000	1.9074000	0.01	10.90	20.00	AVRG	
m+p-Xylenes	0.6020000	0.6808500	0.01	13.10		AVRG	
o-Xylene	0.5830000	0.6454200	0.01	10.71		AVRG	
Xylenes (total)	0.0000000	0.6690400	0.01	0.00		AVRG	<-
Methyl tert-butyl ether	1.3440000	1.3432000	0.01	-0.06		AVRG	
Dibromofluoromethane	0.5650000	0.4992200	0.01	-11.64		AVRG	
1,2-Dichloroethane-D4	0.6790000	0.6275800	0.01	-7.57		AVRG	
Toluene-D8	0.9300000	0.9487000	0.01	2.01		AVRG	
P-Bromofluorobenzene	0.4240000	0.4248600	0.01	0.20		AVRG	

FORM VII VOA

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GCMS-T Calibration Date: 04/05/07 Time: 1029

Lab File ID: T5114 Init. Calib. Date(s): 03/29/07 03/29/07

Init. Calib. Times: 1444 1724

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE	
Toluene	0.7010000	0.7516500	0.01	7.22	20.00	AVRG	
Benzene	1.0840000	1.1070000	0.01	2.12		AVRG	
Ethylbenzene	1.7200000	1.9214000	0.01	11.71	20.00	AVRG	
m+p-Xylenes	0.6020000	0.6594900	0.01	9.55		AVRG	
o-Xylene	0.5830000	0.6335100	0.01	8.66		AVRG	
Xylenes (total)	0.0000000	0.6508300	0.01	0.00		AVRG	<-
Methyl tert-butyl ether	1.3440000	1.2572000	0.01	-6.46		AVRG	
Dibromofluoromethane	0.5650000	0.4979600	0.01	-11.86		AVRG	
1,2-Dichloroethane-D4	0.6790000	0.6163600	0.01	-9.22		AVRG	
Toluene-D8	0.9300000	0.9057100	0.01	-2.61		AVRG	
P-Bromofluorobenzene	0.4240000	0.4290000	0.01	1.18		AVRG	

FORM VII VOA

Logbooks and Supporting Documents

KATAHDIN ANALYTICAL SERVICES
GCMS-F INSTRUMENT RUNLOG

DATE/TIME OF BFB INJECTION: 032307
Reviewed by/Date: ES SKT 032307

SAMPLE NAME	DATAFILE	DF	ALS #	METHOD	Y/N	MS/MSD	PH	ANALYST	COMMENTS
50NG BFB	F0627	—	—	BFB 288 ~~AQ~~SL	Y	NA	NA	SKT	
RINSE	F5022	1	10	F826526	1				
↓	F5023	1	11						
VSTD200F23A	F5024	1	12						
VSTD100F23A	F5025	1	13						
VSTD050F23A	F5026	1	14						
VSTD020F23A	F5027	1	15						Work Good
VSTD10F23A	F5028	1	16						
VSTD005F23A	F5029	1	17						
VSTD200F23B	F5030	1	18						
VSTD100F23B	F5031	1	19						
VSTD050F23B	F5032	1	20						
VSTD020F23B	F5033	1	21						
VSTD010F23B	F5034	1	22						
VSTD005F23B	F5035	1	23						
LCSA	F5036	1	24						
RINSE	F5037	1	25						
									SKT 032307

STANDARD	CODE
BFB	V1254
CAL. STD.	V1274
LCS/MS MIX	
EXTRAS MIX	V1275

STANDARD	CODE
IS MIX	V1261
SS MIX	V1262

Circle Methods:

SW846 8260	OLM 04.2
EPA 624	OLM 03.1
EPA 524	OLC 02.1
SIM	OLC 03.2

QAMS337

Katahdin Analytical Services 10000087

KATAHDIN ANALYTICAL SERVICES
GCMS-F INSTRUMENT RUNLOG

DATE/TIME OF BFB INJECTION: 032907 09:39
Reviewed by/Date:

SAMPLE NAME	DATAFILE	DF	ALS #	METHOD	Y/N	MS/MSD	PH	ANALYST	COMMENTS
RINSE	F5078	1	10	5826526	—	—	—	SKT	
RINSE	F5079	1	11	↓	—	—	—	↓	
50 NG BFB	FB631	—	—	BFB28285L	Y	—	—		
VSTD050F29A	F5080	1	12	F8265526	Y	—	—		
LCSA WG37437-1	F5081	1	13	↓	Y	—	—		
VBLKA	F5082	1	14		N	—	—		
VBLKB WG37437-2	F5083	1	15		Y	—	—		
SA1351-1 A	F5084	1	16		Y	35	NA		
-2 A	F5085	1	17		Y	36	↓		
-3 B	F5086	1	18		Y	37			
-4 A	F5087	1	19		Y	38			
-5 A	F5088	1	20		N	39			1 ↓ 15 RR LL
-6 A	F5089	1	21		Y	40			
-7 A	F5090	1	22		Y	41			
-8 A	F5091	1	23		Y	42			
-9 B	F5092	1	24		Y	43			
-10 A	F5093	1	25		Y	44			
-11 A	F5094	1	26		Y	45			
-12 A	F5095	1	27		N	46	↓		2 ↓ 15 RR LL + Med Nasty Matrix
RINSE	F5096	1	28		—	—			
↓	F5097	1	29		—	—			
	F9098	1	30	↓	—	—		↓	
									SKT 032907

STANDARD	CODE
BFB	V1254
CAL. STD.	V1279
LCS/MS MIX	V1275
EXTRAS MIX	V1276

STANDARD	CODE
IS MIX	V1261
SS MIX	V1262

Circle Methods:

SW846 8260	OLM 04.2
EPA 624	OLM 03.1
EPA 524	OLC 02.1
SIM	OLC 03.2

KATAHDIN ANALYTICAL SERVICES
GCMS-F INSTRUMENT RUNLOG

DATE/TIME OF BFB INJECTION: 033007 08:55
Reviewed by/Date:

SAMPLE NAME	DATAFILE	DF	ALS #	METHOD	Y/N	MS/MSD	PH	ANALYST	COMMENTS
50 NG BFB	F8632	—	—	BFB288SL	Y	—	—	SKO	
VSTD050F30A	F5099	1	10	F826526	Y	—	—		
LCSA WG37454-1	F5100	1	11		Y	—	—		
VBLKA	F5101	1	12		N	—	NA		
VBLKB WG37454-2	F5102	1	13		Y	—			
SA1351-5RA C	F5103	1	14		Y	47			
-13 B	F5104	1	15		Y	48			
-14 A	F5105	1	16		Y	49			
-15 A	F5106	1	17		Y	50			
-16 A	F5107	1	18		Y	51			
-17 C	F5108	1	19		N	52			3↓IS 1↑SS RRLL + Mcd
-18 A	F5109	1	20		Y	53			
-19 C	F5110	1	21		Y	54			
-20 D	F5111	1	22		Y	55			
-21 C	F5112	1	23		Y	56			
-22 A	F5113	1	24		N	57			Added 5mL H_2O 4↓IS
-23 C	F5114	1	25		Y	58			
-12RA C	F5115	1	26		Y	59			1↓IS Matrix effect RR Mcd
RINSE	F5116	1	27						
	F5117	1	28						
	F5118	1	29						
	F5119	1	30						
	F5120	1	31						
									SRT 04/02/07

STANDARD	CODE
BFB	V1254
CAL. STD.	V1279
LCS/MS MIX	V1275
EXTRAS MIX	V1276

STANDARD	CODE
IS MIX	V1261
SS MIX	V1262

Circle Methods:

SW846 8260	OLM 04.2
EPA 624	OLM 03.1
EPA 524	OLC 02.1
SIM	OLC 03.2

QAMS337
Katahdin Analytical Services 0000100

KATAHDIN ANALYTICAL SERVICES
GCMS-F INSTRUMENT RUNLOG

DATE/TIME OF BFB INJECTION: 040207 09:36
Reviewed by/Date:

SAMPLE NAME	DATAFILE	DF	ALS #	METHOD	Y/N	MS/MSD	PH	ANALYST	COMMENTS
50 NG BFB	FB633	—	—	BFB 288 SL	Y	—	NA	SKT	
VSTD050F D2A	F5121	1	10	F8265 2C	Y	—			
LCSA WG37509-1	F5122	1	11		Y	—			
VBLKA	F5123	1	12		N	—			
VBLKB WG37509-2	F5124	1	13		Y	—			
SA1351-22RA B	F5125	1	14		Y	60			Added 5 mL H2O 4 IS Matrix affect Narrat
SA1374-1 B	F5126	1	15		Y	61			
-2 B	F5127	1	16		Y	62			
-3 B	F5128	1	17		Y	63			
-4 B	F5129	1	18		Y	64			
-5 B	F5130	1	19		N	65			Nasty Matrix 4 IS RR LL + Med
-6 B	F5131	1	20		Y	66	~~22~~ FS		
-7 B	F5132	1	21		N	67	~~22~~ SKT 040307		1 SS RR LL
-8 B	F5133	1	22		Y	68	~~22~~		
SA1351-17RA B	F5134	1	23		N	69	~~22~~		1 IS 1 SS 1 SS RR LL + Med
RINSE	F5135	1	24						
	F5136	1	25						
	F5137	1	26						
	F5138	1	27						
									SKT 040307

STANDARD	CODE
BFB	V1254
CAL. STD.	V1279
LCS/MS MIX	
EXTRAS MIX	V1276

STANDARD	CODE
IS MIX	V1261
SS MIX	V1262

Circle Methods:

SW846 8260	OLM 04.2
EPA 624	OLM 03.1
EPA 524	OLC 02.1
SIM	OLC 03.2

QAMS337

Katahdin Analytical Services 1000101

00009879

GCMS-T

KATAHDIN ANALYTICAL SERVICES
GCMS-T INSTRUMENT RUNLOG

DATE/TIME OF BFB INJECTION: 3/29/07 B
Reviewed by/Date: BKL 3-30-07

SAMPLE NAME	DATAFILE	DF	ALS #	METHOD	Y/N	MS/MSD	PH	ANALYST	COMMENTS
50 NG BFB	TB302	—	—	BFB288AQ	Y	N/A	N/A	DMF	
VSTD200T29A	TS019	1	1	TB26A41	Y				
VSTD100T29A	TS020	1	2		Y				curve good
VSTD050T29A	TS021	1	3		Y				
VSTD020T29A	TS022	1	4		Y				
VSTD005T29A	TS023	1	5		Y				
VSTD001T29A	TS024	1	6		Y				
VSTD200T29B	TS025	1	7		Y				
VSTD100T29B	TS026	1	8		Y				
VSTD050T29B	TS027	1	9		Y				
VSTD020T29B	TS028	1	10		Y				
VSTD005T29B	TS029	1	11		Y				
VSTD001T29B	TS030	1	12		Y				
RINSE	TS031	1	13		Y				
LCS	TS032	1	14		Y				
RINSE	TS033	1	15		Y				
RINSE	TS034	1	16		Y				
EXTRACT 3/28	TS035	1	17		Y				
VOA 3/28	TS036	1	18		Y				
RINSE	TS037	1	19		Y				
RINSE	TS038	1	20		Y				
EXTRACT 3/29	TS039	1	21		Y				
VOA 3/29	TS040	1	22		Y				
RINSE	TS041	1	23		Y				
RINSE	TS042	1	24		Y				
RINSE	TS043	1	25		Y				
RINSE	TS044	1	26		Y				
RINSE	TS045	1	27		Y				

STANDARD	CODE
BFB	V1254
CAL. STD.	V1286
LCS/MS MIX	V1276
EXTRAS MIX	V1275

STANDARD	CODE
IS MIX	V1287
SS MIX	V1288

Circle Methods:

SW846 8260	OLM 04.2
EPA 624	OLM 03.1
EPA 524	OLC 02.1
SIM	OLC 03.2

QAMS341

Katahdin Analytical Services 1000102

0000020

GCMS-T

KATAHDIN ANALYTICAL SERVICES
GCMS-T INSTRUMENT RUNLOG

DATE/TIME OF BFB INJECTION: 3/30/07 09:38
Reviewed by/Date:

SAMPLE NAME	DATAFILE	DF	ALS #	METHOD	Y/N	MS/MSD	PH	ANALYST	COMMENTS
SD N6 BFB	TB303	—	—	BFB288AQ	Y	N/A	N/A	DMF	
VSTD050T30A	TS046	1	1	TS26A41	Y				
LCSA	TS047	1	2		N				
LCSB WG37470-1	TS048	1	3		Y				new prep
VBLKA	TS049	1	4		N				
VBLK B WG37470-2	TS050	1	5		Y				
SA1241-8RA B	TS051	1	6		Y	25	<2		
SA1155-1 A	TS052	1	7		Y	26	<2		
SA1155-2 A	TS053	1	8		Y	27	<2		
SA1353-1 B	TS054	1	9		Y	28	<2		
SA1351-24 A	TS055	1	10		Y	29	<2		small bubble in vial
SA1253-1 A	TS056	1	11		Y	30	<2		
SA1239-1 B	TS057	1	12		Y	31	<2		
-2 D	TS058	1	13		Y	32	<2		
SA1353-2 A	TS059	1	14		Y	33	<2		
-4 A	TS060	1	15		Y	34	<2		
-3DL B	TS061	10	16		Y	35	<2		
-5DL A	TS062	50	17		Y	36	<2		
-3 A	TS063	1	18		Y	37	<2		
-5DL2 A	TS064	5	19		Y	38	<2		
RINSE	TS065	1	20		—	N/A	N/A		
	TS066	1	21		—				
	TS067	1	22		—				
	TS068	1	23		—				
									SKT 040207

STANDARD	CODE
BFB	V1254
CAL. STD.	V1256
LCS/MS MIX	V1276
EXTRAS MIX	V1275

STANDARD	CODE
IS MIX	V1287
SS MIX	V1288

Circle Methods:

SW846 8260	OLM 04.2
EPA 624	OLM 03.1
EPA 524	OLC 02.1
SIM	OLC 03.2

ETC 3/31/07

QAMS341

Katahdin Analytical Services 1000103

0000021

KATAHDIN ANALYTICAL SERVICES
GCMS-T INSTRUMENT RUNLOG

DATE/TIME OF BFB INJECTION: 4-5-07 10:02
Reviewed by/Date:

SAMPLE NAME	DATAFILE	DF	ALS #	METHOD	Y/N	MS/MSD	PH	ANALYST	COMMENTS
50 NG BFB	TB306	–	–	BFB288AQ	Y	NA	NA	EKC	
VSTD050T05A EKC 4-5-07	T5114	1	1	T8260A41	Y				
LCSA ~~WG37635-1~~	T5115	1	2		N				5 out
MeOH LCS WG37635-3	T5116	1	3		Y				
LCSB WG37635-1	T5117	1	4		Y				
VBLKA	T5118	1	5		N				
VBLK B WG37635-2	T5119	1	6		Y				
MeOH BLK WG37635-4	T5120	1	7		Y				
SA1431-2 A	T5121	1	8		Y	14	<2		
SA1436-4 A	T5122	1	9		Y	15	<2		
SA1286-1 A	T5123	1	10		Y	16	<2		
2 A	T5124	1	11		Y	17	<2		
SA1436-3 A	T5125	1	12		Y	18	<2		
SA1426-5 B	T5126	1	13		Y	19	<2		
SA1436-1 A	T5127	1	14		Y	20	<2		
SA1426-3 A	T5128	1	15		Y	21	<2		
4 A	T5129	1	16		Y	22	<2		
SA1431-1DL A	T5130	500	17		Y	23	7		80ml → 40ml EKC 4-5-07 RR 1:10
SA1351-12DL D	T5131	1	18		Y	24	NA		400ml → 20ml
17DL D	T5132	1	19		Y	25			↑ISS RR@400/2
SA1374-5DL D	T5133	1	20		Y	26			8ml → 20ml RR nonaqueous matrix DMF 4/6/07
RINSE	T5134	1	21						
	T5135	1	22						
	T5136	1	23						
	T5137	1	24						
	T5138	1	25						

EKC 4-6-07

STANDARD	CODE
BFB	V1254
CAL. STD.	V1286
LCS/MS MIX	V1276
EXTRAS MIX	V1275

STANDARD	CODE
IS MIX	V1287
SS MIX	V1288

Circle Methods:

SW846 8260	OLM 04.2
EPA 624	OLM 03.1
EPA 524	OLC 02.1
SIM	OLC 03.2

KATAHDIN ANALYTICAL SERVICES

Organics Vial Prep Log

Methods: SW8260 SW8015 ME DEP 4.2.17 MA DEP VPH

Date	Analyst	Vial Number	Vial + Preservative (g)	Vial + Preservative + Sample (g)	Sample Weight (g)	Preservative	Preservative Volume (mL)	Sample Name	Comments
2/12/07	MA	26420	30.57			DI / MEOH / NaHSO4	5 / 10		
		26421	30.49	36.01	5.52	DI / MEOH / NaHSO4	5 / 10	SA1351-12RA C	
		26422	30.77			DI / MEOH / NaHSO4	5 / 10		
		26423	30.65			DI / MEOH / NaHSO4	5 / 10		
		26424	30.76	36.27	5.51	DI / MEOH / NaHSO4	5 / 10	SA1374-8 B	
		26425	30.59	35.44	4.85	DI / MEOH / NaHSO4	5 / 10	SA1374-6 B	
		26426	30.51	35.13	4.62	DI / MEOH / NaHSO4	5 / 10	SA1374-3 B	
		26427	30.60			DI / MEOH / NaHSO4	5 / 10		
		26428	30.49	36.02	5.57	DI / MEOH / NaHSO4	5 / 10	SA1351-22 A	Added 5mL H2O
		26429	30.86			DI / MEOH / NaHSO4	5 / 10		
		26430	30.50			DI / MEOH / NaHSO4	5 / 10		
		26431	30.65			DI / MEOH / NaHSO4	5 / 10		
		26432	30.58	34.76	4.18	DI / MEOH / NaHSO4	5 / 10	SA1351-15 A	
		26433	30.55			DI / MEOH / NaHSO4	5 / 10		
		26434	30.75			DI / MEOH / NaHSO4	5 / 10		
		26435	30.65			DI / MEOH / NaHSO4	5 / 10		
		26436	30.52			DI / MEOH / NaHSO4	5 / 10		
		26437	30.57			DI / MEOH / NaHSO4	5 / 10		
		26438	30.45			DI / MEOH / NaHSO4	5 / 10		
2/12/07	MA	26439	30.48	35.25	4.77	DI / MEOH / NaHSO4	5 / 10	SA1374-2 B	

40 mL Vial Lot # 011907

Reviewed by: Mike Adams

Date: 2/12/07

DI Preservative = Deionized Water = Stirbar

NaHSO4 Preservative = 20% NaSO4 Solution = stirbar

KATAHDIN ANALYTICAL SERVICES

Organics Vial Prep Log

Methods: SW8260 SW8015 ME DEP 4.2.17 MA DEP VPH

Date	Analyst	Vial Number	Vial + Preservative (g)	Vial + Preservative + Sample (g)	Sample Weight (g)	Preservative	Preservative Volume (mL)	Sample Name	Comments
2/12/07	MA	26400	30.53			DI / MEOH / NaHSO4	5 / 10		
		26401	30.48			DI / MEOH / NaHSO4	5 / 10		
		26402	30.48	35.84	5.36	DI / MEOH / NaHSO4	5 / 10	SA1374-4 B	
		26403	30.49			DI / MEOH / NaHSO4	5 / 10		
		26404	30.76			DI / MEOH / NaHSO4	5 / 10		
		26405	30.55	35.28	4.73 ✓	DI / MEOH / NaHSO4	5 / 10	SA1351-21 C	
		26406	30.67			DI / MEOH / NaHSO4	5 / 10		
		26407	30.55	35.38	4.83 ✓	DI / MEOH / NaHSO4	5 / 10	SA1351-17RA B	
		26408	30.49	36.21	5.72 ✓	DI / MEOH / NaHSO4	5 / 10	SA1351-14 A	
		26409	30.60			DI / MEOH / NaHSO4	5 / 10		
		26410	30.57			DI / MEOH / NaHSO4	5 / 10		
		26411	30.60			DI / MEOH / NaHSO4	5 / 10		
		26412	30.61			DI / MEOH / NaHSO4	5 / 10		
		26413	30.53			DI / MEOH / NaHSO4	5 / 10		
		26414	30.78			DI / MEOH / NaHSO4	5 / 10		
		26415	30.54			DI / MEOH / NaHSO4	5 / 10		
		26416	30.51	36.24	5.73 ✓	DI / MEOH / NaHSO4	5 / 10	SA1351-22RA B	Added 5mL H2O
		26417	30.53	36.18	5.65 ✓	DI / MEOH / NaHSO4	5 / 10	SA1351-20 D	
		26418	30.51			DI / MEOH / NaHSO4	5 / 10		
2/12/07	MA	26419	30.40			DI / MEOH / NaHSO4	5 / 10		

40 mL Vial Lot # 011907

Reviewed by: Nick Adams

Date: 2/12/07

DI Preservative = Deionized Water = Stirbar

NaHSO4 Preservative = 20% NaSO4 Solution = stirbar

KATAHDIN ANALYTICAL SERVICES

Organics Vial Prep Log

Methods: SW8260 SW8015 ME DEP 4.2.17 MA DEP VPH

Date	Analyst	Vial Number	Vial + Preservative (g)	Vial + Preservative + Sample (g)	Sample Weight (g)	Preservative	Preservative Volume (mL)	Sample Name	Comments
2/12/07	MA	26380	30.42	35.57	5.15 ✓	DI / MEOH / NaHSO4	5 / 10	SA1351-23 C	
		26381	30.55			DI / MEOH / NaHSO4	5 / 10		
		26382	30.56			DI / MEOH / NaHSO4	5 / 10		
		26383	30.44	35.09	4.65 ✓	DI / MEOH / NaHSO4	5 / 10	SA1351-17 C	
		26384	30.43			DI / MEOH / NaHSO4	5 / 10		
		26385	30.48			DI / MEOH / NaHSO4	5 / 10		
		26386	30.70			DI / MEOH / NaHSO4	5 / 10		
		26387	30.50			DI / MEOH / NaHSO4	5 / 10		
		26388	30.57	35.71	5.14	DI / MEOH / NaHSO4	5 / 10	SA1374-7RA C	
		26389	30.57	35.21	4.64	DI / MEOH / NaHSO4	5 / 10	SA1374-5 B	
		26390	30.34			DI / MEOH / NaHSO4	5 / 10		
		26391	30.54			DI / MEOH / NaHSO4	5 / 10		
		26392	30.49			DI / MEOH / NaHSO4	5 / 10		
		26393	30.54			DI / MEOH / NaHSO4	5 / 10		
		26394	30.59	35.31	4.72 ✓	DI / MEOH / NaHSO4	5 / 10	SA1351-19 C	
		26395	30.63			DI / MEOH / NaHSO4	5 / 10		
		26396	30.42			DI / MEOH / NaHSO4	5 / 10		
		26397	30.63			DI / MEOH / NaHSO4	5 / 10		
		26398	30.59			DI / MEOH / NaHSO4	5 / 10		
2/12/07	MA	26399	30.65			DI / MEOH / NaHSO4	5 / 10		

40 mL Vial Lot # 011907

Reviewed by: Mike Adams

Date: 2/12/07

DI Preservative = Deionized Water = Stirbar

NaHSO4 Preservative = 20% NaSO4 Solution = stirbar

QAGC165

Katahdin Analytical Services 0000127

KATAHDIN ANALYTICAL SERVICES

Organics Vial Prep Log

Methods: SW8260 SW8015 ME DEP 4.2.17 MA DEP VPH

Date	Analyst	Vial Number	Vial + Preservative (g)	Vial + Preservative + Sample (g)	Sample Weight (g)	Preservative	Preservative Volume (mL)	Sample Name	Comments
2/12/07	MA	26440	30.57			DI / MEOH / NaHSO4	5 / 10		
		26441	30.90			DI / MEOH / NaHSO4	5 / 10		
		26442	30.51	35.98	5.47 ✓	DI / MEOH / NaHSO4	5 / 10	SA1351-18 A	
		26443	30.70	35.78	5.08 ✓	DI / MEOH / NaHSO4	5 / 10	SA1351-16 A	
		26444	30.58			DI / MEOH / NaHSO4	5 / 10		
		26445	30.59	36.57	5.98 ✓	DI / MEOH / NaHSO4	5 / 10	SA1351-12 A	
2/12/07	MA	26446	30.47			DI / MEOH / NaHSO4	5 / 10		
2/12/07	AJC	26447	33.57			DI / MEOH / NaHSO4	5 / 10		
		26448	33.59			DI / MEOH / NaHSO4	5 / 10		
		26449	33.72	40.48	6.76	DI / MEOH / NaHSO4	5 / 10	SA0621-1B	GRO
		26450	33.31			DI / MEOH / NaHSO4	5 / 10		
3/8/07	MA	26451	33.47			DI / MEOH / NaHSO4	5 / 10		
3/8/07	MA	26452	33.69	45.75	12.06	DI / MEOH / NaHSO4	5 / 10	SA1080-2A	GRO
3/9/07	MA	26453	29.49	34.80	5.31	DI / MEOH / NaHSO4	5 / 10	SA1049-1C	VOA
3/9/07	MA	26454	29.31			DI / MEOH / NaHSO4	5 / 10		
3/14/07	MA	26455	29.61	34.16	4.55	DI / MEOH / NaHSO4	5 / 10	SA1187-6D	
		26456	29.45	33.96	4.51	DI / MEOH / NaHSO4	5 / 10	SA1187-5D	
		26457	29.72	34.56	4.84 +.30 5.14	DI / MEOH / NaHSO4	5 / 10	SA1187-4D	Sample weighed after 400µ extra
		26458	29.60	35.07	5.47	DI / MEOH / NaHSO4	5 / 10	SA1187-8D	
3/14/07	MA	26459	29.48	35.71	6.23	DI / MEOH / NaHSO4	5 / 10	SA1187-9D	

40 mL Vial Lot #_____

Reviewed by:_____

Date:_____

DI Preservative = Deionized Water = Stirbar

NaHSO4 Preservative = 20% NaSO4 Solution = stirbar

LOT # 010807 MA 2/12/07

QAGC165 lot 013E72

Katahdin Analytical Services 10000823

KATAHDIN ANALYTICAL SERVICES
Organics Vial Prep Log

Methods: SW8260 SW8015 ME DEP 4.2.17 MA DEP VPH

Date	Analyst	Vial Number	Vial + Preservative (g)	Vial + Preservative + Sample (g)	Sample Weight (g)	Preservative	Preservative Volume (mL)	Sample Name	Comments
2/12/07	TA	26360	30.64	38.14	7.50	DI / MEOH / NaHSO4	5 / 10	SA1351-2 A	
		26361	30.48			DI / MEOH / NaHSO4	5 / 10		
		26362	30.36			DI / MEOH / NaHSO4	5 / 10		
		26363	30.51			DI / MEOH / NaHSO4	5 / 10		
		26364	30.77	36.30	5.53	DI / MEOH / NaHSO4	5 / 10	SA1351-6 A	
		26365	30.46			DI / MEOH / NaHSO4	5 / 10		
		26366	30.83	36.24	5.41	DI / MEOH / NaHSO4	5 / 10	SA1351-7 A	
		26367	30.45			DI / MEOH / NaHSO4	5 / 10		
		26368	30.74			DI / MEOH / NaHSO4	5 / 10		
		26369	30.74	35.95	5.21	DI / MEOH / NaHSO4	5 / 10	SA1351-8 A	
		26370	30.88			DI / MEOH / NaHSO4	5 / 10		
		26371	30.43			DI / MEOH / NaHSO4	5 / 10		
		26372	30.36	35.63	5.27	DI / MEOH / NaHSO4	5 / 10	SA1351-9 B	
		26373	30.67			DI / MEOH / NaHSO4	5 / 10		
		26374	30.84			DI / MEOH / NaHSO4	5 / 10		
		26375	30.37			DI / MEOH / NaHSO4	5 / 10		
		26376	30.62	35.78	5.16	DI / MEOH / NaHSO4	5 / 10	SA1374-7 B	
		26377	30.60	35.39	4.79	DI / MEOH / NaHSO4	5 / 10	SA1374-5RA C	
		26378	30.71			DI / MEOH / NaHSO4	5 / 10		
2/12/07	TA	26379	30.64	35.31	4.67	DI / MEOH / NaHSO4	5 / 10	SA1374-1 B	

40 mL Vial Lot # 011907
Reviewed by: Nick Adams
Date: 2/12/07

DI Preservative = Deionized Water = Stirbar
NaHSO4 Preservative = 20% NaSO4 Solution = stirbar

KATAHDIN ANALYTICAL SERVICES

Organics Vial Prep Log

Methods: SW8260 SW8015 ME DEP 4.2.17 MA DEP VPH

Date	Analyst	Vial Number	Vial + Preservative (g)	Vial + Preservative + Sample (g)	Sample Weight (g)	Preservative	Preservative Volume (mL)	Sample Name	Comments
2/12/07	MA	26340	30.57			DI / MEOH / NaHSO4	5 / 10		
		26341	30.52	36.75	6.23	DI / MEOH / NaHSO4	5 / 10	SA1351-3 B	
		26342	30.78			DI / MEOH / NaHSO4	5 / 10		
		26343	30.59	36.44	5.85	DI / MEOH / NaHSO4	5 / 10	SA1351-11 A	
		26344	30.79			DI / MEOH / NaHSO4	5 / 10		
		26345	30.67			DI / MEOH / NaHSO4	5 / 10		
		26346	30.47	35.36	4.89	DI / MEOH / NaHSO4	5 / 10	SA1351-10 A	
		26347	30.56			DI / MEOH / NaHSO4	5 / 10		
		26348	30.60			DI / MEOH / NaHSO4	5 / 10		
		26349	30.31	35.57	5.26	DI / MEOH / NaHSO4	5 / 10	SA1351-13 B	
		26350	30.55			DI / MEOH / NaHSO4	5 / 10		
		26351	30.37			DI / MEOH / NaHSO4	5 / 10		
		26352	30.68	36.14	5.46	DI / MEOH / NaHSO4	5 / 10	SA1351-5 C	
		26353	30.89	35.92	5.03	DI / MEOH / NaHSO4	5 / 10	SA1351-5 A	
		26354	30.30			DI / MEOH / NaHSO4	5 / 10		
		26355	30.51	35.10	4.59	DI / MEOH / NaHSO4	5 / 10	SA1351-4 A	
		26356	30.70			DI / MEOH / NaHSO4	5 / 10		
		26357	30.61			DI / MEOH / NaHSO4	5 / 10		
		26358	30.46			DI / MEOH / NaHSO4	5 / 10		
2/12/07	MA	26359	30.86	36.80	5.94	DI / MEOH / NaHSO4	5 / 10	SA1351-1 A	JA X-25-5890

40 mL Vial Lot # 011907

Reviewed by: Mike Adams

Date: 2/12/07

DI Preservative = Deionized Water = Stirbar

NaHSO4 Preservative = 20% NaSO4 Solution = stirbar

KATAHDIN ANALYTICAL SERVICES

Organics Vial Prep Log

Methods: SW8260 SW8015 ME DEP 4.2.17 MA DEP VPH

Date	Analyst	Vial Number	Vial + Preservative (g)	Vial + Preservative + Sample (g)	Sample Weight (g)	Preservative	Preservative Volume (mL)	Sample Name	Comments
2/12/07	MA	26320	29.26			DI / MEOH / NaHSO4	5 / 10		
		26321	29.38			DI / MEOH / NaHSO4	5 / 10		
		26322	29.38			DI / MEOH / NaHSO4	5 / 10		
		26323	29.52			DI / MEOH / NaHSO4	5 / 10		
		26324	29.29			DI / MEOH / NaHSO4	5 / 10		
		26325	29.34			DI / MEOH / NaHSO4	5 / 10		
		26326	29.44	33.96	4.52	DI / MEOH / NaHSO4	5 / 10	SA1374-5A	MEOH
		26327	29.26			DI / MEOH / NaHSO4	5 / 10		
		26328	29.35			DI / MEOH / NaHSO4	5 / 10		
		26329	29.46	34.70	5.24	DI / MEOH / NaHSO4	5 / 10	SA1351-12D	MEOH
		26330	29.46			DI / MEOH / NaHSO4	5 / 10		
		26331	29.15			DI / MEOH / NaHSO4	5 / 10		
		26332	29.30			DI / MEOH / NaHSO4	5 / 10		
		26333	28.98			DI / MEOH / NaHSO4	5 / 10		
		26334	29.26			DI / MEOH / NaHSO4	5 / 10		
		26335	29.06			DI / MEOH / NaHSO4	5 / 10		
		26336	29.40			DI / MEOH / NaHSO4	5 / 10		
		26337	29.89			DI / MEOH / NaHSO4	5 / 10		
		26338	30.05			DI / MEOH / NaHSO4	5 / 10		
2/12/07	MA	26339	30.63			DI / MEOH / NaHSO4	5 / 10		

40 mL Vial Lot # 011907

Reviewed by: [signature]

Date: 2/12/07

DI Preservative = Deionized Water = Stirbar

NaHSO4 Preservative = 20% NaSO4 Solution = stirbar

KATAHDIN ANALYTICAL SERVICES

Organics Vial Prep Log

Methods: SW8260 SW8015 ME DEP 4.2.17 MA DEP VPH

Date	Analyst	Vial Number	Vial + Preservative (g)	Vial + Preservative + Sample (g)	Sample Weight (g)	Preservative	Preservative Volume (mL)	Sample Name	Comments
2/1/07	[illegible]	26300	29.60			DI / MEOH / NaHSO4	5 / 10		
↓	↓	26301	29.38	35.04	5.66	DI / MEOH / NaHSO4	5 / 10	SA0500-1E	
2/1/07	[illegible]	26302	29.32			DI / MEOH / NaHSO4	5 / 10		
2/2/07	[illegible]	26303	29.23			DI / MEOH / NaHSO4	5 / 10		
		26304	29.41			DI / MEOH / NaHSO4	5 / 10		
		26305	29.27			DI / MEOH / NaHSO4	5 / 10		
		26306	29.50			DI / MEOH / NaHSO4	5 / 10		
		26307	29.28			DI / MEOH / NaHSO4	5 / 10		
		26308	29.38			DI / MEOH / NaHSO4	5 / 10		
		26309	29.35			DI / MEOH / NaHSO4	5 / 10		
		26310	29.10			DI / MEOH / NaHSO4	5 / 10		
		26311	29.20			DI / MEOH / NaHSO4	5 / 10		
		26312	29.56			DI / MEOH / NaHSO4	5 / 10		
		26313	29.42			DI / MEOH / NaHSO4	5 / 10		
		26314	29.26			DI / MEOH / NaHSO4	5 / 10		
		26315	29.13			DI / MEOH / NaHSO4	5 / 10		
		26316	29.66	34.19	4.53	DI / MEOH / NaHSO4	5 / 10	SA1351-17D	MEOH
		26317	29.14			DI / MEOH / NaHSO4	5 / 10		
		26318	29.18			DI / MEOH / NaHSO4	5 / 10		
2/2/07	[illegible]	26319	29.46			DI / MEOH / NaHSO4	5 / 10		

40 mL Vial Lot # 011907

Reviewed by: [illegible]

Date: 2/2/07

DI Preservative = Deionized Water = Stirbar

NaHSO4 Preservative = 20% NaSO4 Solution = stirbar

QAGC165

Katahdin Analytical Services 1000112

0000016

SIM DATA

QC Summary Section

FORM 2
SOIL SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Level:(low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	WG37474-BLANK	WG37474-1	76	83	96						0
02	WG37474-LCS	WG37474-2	74	83	80						0
03	JAX25-SB90-03	SA1351-1	76	91	84						0
04	JAX25-SB90-03MS	WG37474-3RA	76	90	83						0
05	JAX25-SB90-03MSD	WG37474-4RA	74	82	72						0
06	WG37524-BLANK	WG37524-1	79	80	85						0
07	WG37524-LCS	WG37524-2	72	73	74						0
08	JAX25-SB88-03	SA1351-7	74	81	78						0
09	JAX25-SB94-03	SA1351-9	73	69	85						0
10	JAX25-SB86-03	SA1351-5	77	79	81						0
11	JAX25-SB89-03	SA1351-8	66	75	75						0
12	JAX25-SB87-03	SA1351-6	79	88	89						0
13	JAX25-SB91-03	SA1351-2	70	77	79						0
14	JAX25-SB92-03	SA1351-3	81	89	88						0
15	JAX25-SB86-03MS	WG37524-3	91	100	100						0
16	JAX25-SB86-03MSD	WG37524-4	84	87	97						0
17	JAX25-SB93-03	SA1351-4	85	86	98						0
18	JAX25-SB82-03	SA1351-18	66	71	86						0
19	JAX25-SB94-03	SA1351-9DL	72	73	93						0
20	JAX25-SB95-01	SA1351-10	76	78	87						0
21	JAX25-SB99-01	SA1351-14	67	72	80						0
22	JAX25-SB83-03	SA1351-15	61	68	86						0
23	JAX25-SB84-03	SA1351-16	68	74	85						0
24	JAX25-SB78-02	SA1351-20	74	76	83						0
25	JAX25-SB103-03	SA1351-23	67	68	79						0
26	JAX25-SB81-03	SA1351-19	75	77	90						0
27	JAX25-SB102-03	SA1351-22	60	64	75						0
28	JAX25-SB97-03	SA1351-11	77	65	83						0

		QC LIMITS
S1	= 2-Methylnaphthalene-d1	(27-128)
S2	= Fluorene-d10	(34-140)
S3	= Pyrene-d10	(20-174)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

FORM 2
SOIL SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Level:(low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	JAX25-SB96-01	SA1351-12DL	D	D	D						0
02	JAX25-SB79-01	SA1351-21	68	69	77						0
03	JAX25-SB98-01	SA1351-13	78	79	90						0
04	JAX25-SB85-03	SA1351-17DL	D	D	D						0
05	JAX25-SB95-01	SA1351-10DL	74	76	86						0
06	JAX25-SB97-03	SA1351-11DL	D	D	D						0
07	JAX25-SB96-01	SA1351-12DL2	D	D	D						0
08	JAX25-SB98-01	SA1351-13DL	D	D	D						0
09	JAX25-SB85-03	SA1351-17DL2	D	D	D						0
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											

		QC LIMITS
S1	= 2-Methylnaphthalene-d1	(27-128)
S2	= Fluorene-d10	(34-140)
S3	= Pyrene-d10	(20-174)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG37474-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: R3737 Lab Sample ID: WG37474-1

Instrument ID: GCMS-R Date Extracted: 03/30/07

Matrix: (soil/water) SOIL Date Analyzed: 04/05/07

Level:(low/med) LOW Time Analyzed: 1353

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG37474-LCS	WG37474-2	R3738	04/05/07	1436
02	JAX25-SB90-03	SA1351-1	R3745	04/05/07	1937
03	JAX25-SB90-03MS	WG37474-3RA	R3763	04/06/07	2240
04	JAX25-SB90-03MSD	WG37474-4RA	R3764	04/06/07	2322
05	JAX25-SB91-03	SA1351-2	R3773	04/07/07	1615
06	JAX25-SB92-03	SA1351-3	R3774	04/07/07	1657
07	JAX25-SB93-03	SA1351-4	R3780	04/07/07	2108
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV SV

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG37524-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: R3766 Lab Sample ID: WG37524-1

Instrument ID: GCMS-R Date Extracted: 04/03/07

Matrix: (soil/water) SOIL Date Analyzed: 04/07/07

Level:(low/med) LOW Time Analyzed: 1122

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG37524-LCS	WG37524-2	R3767	04/07/07	1204
02	JAX25-SB88-03	SA1351-7	R3768	04/07/07	1246
03	JAX25-SB94-03	SA1351-9	R3769	04/07/07	1327
04	JAX25-SB86-03	SA1351-5	R3770	04/07/07	1409
05	JAX25-SB89-03	SA1351-8	R3771	04/07/07	1451
06	JAX25-SB87-03	SA1351-6	R3772	04/07/07	1533
07	JAX25-SB86-03MS	WG37524-3	R3777	04/07/07	1903
08	JAX25-SB86-03MSD	WG37524-4	R3778	04/07/07	1945
09	JAX25-SB82-03	SA1351-18	R3782	04/09/07	1126
10	JAX25-SB94-03	SA1351-9DL	R3783	04/09/07	1208
11	JAX25-SB95-01	SA1351-10	R3784	04/09/07	1251
12	JAX25-SB99-01	SA1351-14	R3785	04/09/07	1334
13	JAX25-SB83-03	SA1351-15	R3786	04/09/07	1416
14	JAX25-SB84-03	SA1351-16	R3787	04/09/07	1458
15	JAX25-SB78-02	SA1351-20	R3788	04/09/07	1540
16	JAX25-SB103-03	SA1351-23	R3789	04/09/07	1623
17	JAX25-SB81-03	SA1351-19	R3790	04/09/07	1706
18	JAX25-SB102-03	SA1351-22	R3791	04/09/07	1748
19	JAX25-SB97-03	SA1351-11	R3792	04/09/07	1832
20	JAX25-SB96-01	SA1351-12DL	R3794	04/09/07	2000
21	JAX25-SB79-01	SA1351-21	R3795	04/09/07	2044
22	JAX25-SB98-01	SA1351-13	R3796	04/09/07	2128
23	JAX25-SB85-03	SA1351-17DL	R3799	04/10/07	1155
24	JAX25-SB95-01	SA1351-10DL	R3800	04/10/07	1238
25	JAX25-SB97-03	SA1351-11DL	R3801	04/10/07	1321
26	JAX25-SB96-01	SA1351-12DL2	R3802	04/10/07	1403
27	JAX25-SB98-01	SA1351-13DL	R3803	04/10/07	1450
28	JAX25-SB85-03	SA1351-17DL2	R3804	04/10/07	1532
29					
30					

COMMENTS:

FORM IV SV

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 03/30/07
Analysis Date: 05-APR-2007 13:53
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 100

Lab ID: WG37474-1
Client ID: WG37474-Blank
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37474
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	20	1.0	20	20	2.6
91-57-6	2-Methylnaphthalene	U	20	1.0	20	20	7.3
90-12-0	1-Methylnaphthalene	U	20	1.0	20	20	9.2
208-96-8	Acenaphthylene	U	20	1.0	20	20	2.2
83-32-9	Acenaphthene	U	20	1.0	20	20	5.9
86-73-7	Fluorene	U	20	1.0	20	20	3.1
85-01-8	Phenanthrene	U	20	1.0	20	20	2.6
120-12-7	Anthracene	U	20	1.0	20	20	3.6
206-44-0	Fluoranthene	U	20	1.0	20	20	3.5
129-00-0	Pyrene	U	20	1.0	20	20	3.2
56-55-3	Benzo(a)anthracene	U	20	1.0	20	20	3.0
218-01-9	Chrysene	U	20	1.0	20	20	2.9
205-99-2	Benzo(b)fluoranthene	U	20	1.0	20	20	3.1
207-08-9	Benzo(k)fluoranthene	U	20	1.0	20	20	3.0
50-32-8	Benzo(a)pyrene	U	20	1.0	20	20	3.0
193-39-5	Indeno(1,2,3-cd)pyrene	U	20	1.0	20	20	4.5
191-24-2	Benzo(g,h,i)perylene	U	20	1.0	20	20	3.1
53-70-3	Dibenzo(a,h)anthracene	U	20	1.0	20	20	3.8
7297-45-2	2-Methylnaphthalene-d10		76%				
81103-79-9	Fluorene-d10		83%				
1718-52-1	Pyrene-d10		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 04/03/07
Analysis Date: 07-APR-2007 11:22
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 100

Lab ID: WG37524-1
Client ID: WG37524-Blank
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	20	1.0	20	20	2.6
91-57-6	2-Methylnaphthalene	U	20	1.0	20	20	7.3
90-12-0	1-Methylnaphthalene	U	20	1.0	20	20	9.2
208-96-8	Acenaphthylene	U	20	1.0	20	20	2.2
83-32-9	Acenaphthene	U	20	1.0	20	20	5.9
86-73-7	Fluorene	U	20	1.0	20	20	3.1
85-01-8	Phenanthrene	U	20	1.0	20	20	2.6
120-12-7	Anthracene	U	20	1.0	20	20	3.6
206-44-0	Fluoranthene	U	20	1.0	20	20	3.5
129-00-0	Pyrene	U	20	1.0	20	20	3.2
56-55-3	Benzo(a)anthracene	U	20	1.0	20	20	3.0
218-01-9	Chrysene	U	20	1.0	20	20	2.9
205-99-2	Benzo(b)fluoranthene	U	20	1.0	20	20	3.1
207-08-9	Benzo(k)fluoranthene	U	20	1.0	20	20	3.0
50-32-8	Benzo(a)pyrene	U	20	1.0	20	20	3.0
193-39-5	Indeno(1,2,3-cd)pyrene	U	20	1.0	20	20	4.5
191-24-2	Benzo(g,h,i)perylene	U	20	1.0	20	20	3.1
53-70-3	Dibenzo(a,h)anthracene	U	20	1.0	20	20	3.8
7297-45-2	2-Methylnaphthalene-d10		79%				
81103-79-9	Fluorene-d10		80%				
1718-52-1	Pyrene-d10		85%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 03/30/07
Analysis Date: 04/05/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37474-2
Client ID: WG37474-LCS
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37474
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Naphthalene	67	NA	47	71	34-106
2-Methylnaphthalene	67	NA	61	92	30-148
1-Methylnaphthalene	67	NA	44	65	30-150
Acenaphthylene	67	NA	53	80	51-114
Acenaphthene	67	NA	47	71	47-108
Fluorene	67	NA	51	76	53-119
Phenanthrene	67	NA	52	77	53-130
Anthracene	67	NA	54	81	53-121
Fluoranthene	67	NA	64	97	51-139
Pyrene	67	NA	53	80	31-124
Benzo(a)anthracene	67	NA	70	104	42-143
Chrysene	67	NA	55	82	36-126
Benzo(b)fluoranthene	67	NA	68	102	36-148
Benzo(k)fluoranthene	67	NA	64	95	33-139
Benzo(a)pyrene	67	NA	59	88	44-130
Indeno(1,2,3-cd)pyrene	67	NA	46	68	23-142
Benzo(g,h,i)perylene	67	NA	49	74	30-119
Dibenzo(a,h)anthracene	67	NA	46	70	22-133

FORM III SV-2

R3738.D

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 04/03/07
Analysis Date: 04/07/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37524-2
Client ID: WG37524-LCS
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Naphthalene	67	NA	46	68	34-106
2-Methylnaphthalene	67	NA	50	75	30-148
1-Methylnaphthalene	67	NA	39	58	30-150
Acenaphthylene	67	NA	46	69	51-114
Acenaphthene	67	NA	44	67	47-108
Fluorene	67	NA	45	68	53-119
Phenanthrene	67	NA	51	76	53-130
Anthracene	67	NA	47	71	53-121
Fluoranthene	67	NA	60	91	51-139
Pyrene	67	NA	49	73	31-124
Benzo(a)anthracene	67	NA	61	91	42-143
Chrysene	67	NA	51	77	36-126
Benzo(b)fluoranthene	67	NA	52	78	36-148
Benzo(k)fluoranthene	67	NA	49	74	33-139
Benzo(a)pyrene	67	NA	50	74	44-130
Indeno(1,2,3-cd)pyrene	67	NA	64	96	23-142
Benzo(g,h,i)perylene	67	NA	46	70	30-119
Dibenzo(a,h)anthracene	67	NA	50	75	22-133

FORM III SV-2

R3767.D

KATAHDIN ANALYTICAL SERVICES
MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 04/07/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37524-3 & WG37524-4
Client ID: JAX25-SB86-03MS & JAX25-SB86-03MSD
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

COMPOUND	MS SPIKE	MSD SPIKE	SAMPLE CONC.	MS CONC.	MSD CONC.	MS %REC.	MSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Naphthalene	84	84	0.00	70	80	83	95	14	30	34-106
2-Methylnaphthalene	84	84	0.00	84	78	100	93	7	30	30-148
1-Methylnaphthalene	84	84	0.00	63	60	75	71	5	30	30-150
Acenaphthylene	84	84	0.00	77	87	92	104	13	30	51-114
Acenaphthene	84	84	0.00	76	76	90	91	0.9	30	47-108
Fluorene	84	84	0.00	77	79	92	94	2	30	53-119
Phenanthrene	84	84	9.0	85	177	91 *	201 *	70	30	53-130
Anthracene	84	84	9.5	82	132	86 *	146 *	47	30	53-121
Fluoranthene	84	84	30	97	485	80 *	544 *	130	30	51-139
Pyrene	84	84	24	92	575	82 *	658 *	140	30	31-124
Benzo(a)anthracene	84	84	40	116	843	90 *	959 *	150	30	42-143
Chrysene	84	84	53	88	729	43 *	808 *	160	30	36-126
Benzo(b)fluoranthene	84	84	151	154	1480	* 4 *	1588 *	160	30	36-148
Benzo(k)fluoranthene	84	84	49	87	558	46 *	609 *	140	30	33-139
Benzo(a)pyrene	84	84	73	101	964	* 33 *	1064 *	160	30	44-130
Indeno(1,2,3-cd)pyrene	84	84	142	165	0.0	27 *	0		30	23-142
Benzo(g,h,i)perylene	84	84	106	105	524	NC *	500 *	130	30	30-119
Dibenzo(a,h)anthracene	84	84	29	86	232	68 *	243 *	92	30	22-133

FORM III SV-2

R3777.D & R3778.D

KATAHDIN ANALYTICAL SERVICES
MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 04/06/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37474-3RA& WG37474-4RA
Client ID: JAX25-SB90-03MS & JAX25-SB90-03MSD
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37474
Units: ug/Kgdrywt

COMPOUND	MS SPIKE	MSD SPIKE	SAMPLE CONC.	MS CONC.	MSD CONC.	MS %REC.	MSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Naphthalene	92	92	0.00	65	62	71	67	6	50	33-103
2-Methylnaphthalene	92	92	0.00	81	77	87	83	4	50	66-136
Acenaphthylene	92	92	0.00	80	73	87	79	10	50	50-115
Acenaphthene	92	92	0.00	76	70	83	75	9	50	44-102
Fluorene	92	92	0.00	78	72	84	77	9	50	48-120
Phenanthrene	92	92	0.00	89	81	96	87	10	50	39-132
Anthracene	92	92	0.00	85	76	92	82	11	50	42-117
Fluoranthene	92	92	12	103	97	99	92	6	50	32-154
Pyrene	92	92	7.4	88	76	87	74	14	50	36-108
Benzo(a)anthracene	92	92	8.8	109	97	108	95	12	50	37-153
Chrysene	92	92	0.00	85	78	92	84	9	50	28-121
Benzo(b)fluoranthene	92	92	0.00	92	86	100	93	7	50	37-147
Benzo(k)fluoranthene	92	92	0.00	73	69	79	74	6	50	46-114
Benzo(a)pyrene	92	92	5.9	87	78	87	77	11	50	47-109
Indeno(1,2,3-cd)pyrene	92	92	0.00	103	86	111	93	18	50	16-137
Benzo(g,h,i)perylene	92	92	12	75	59	68	51	24	50	10-110
Dibenzo(a,h)anthracene	92	92	0.00	68	57	74	62	18	50	24-130

FORM III SV-2

R3763.D & R3764.D

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: RD288 DFTPP Injection Date: 04/04/07

Instrument ID: GCMS-R DFTPP Injection Time: 0907

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	33.6
68	Less than 2.0% of mass 69	0.4 (1.2)1
69	Less than 100.0% of mass 198	35.7
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	52.4
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 30.0% of mass 198	22.7
365	1.0 - 100.0% of mass 198	3.0
441	0.0 - 100.0% of mass 443	11.3 (73.8)2
442	40.0 - 100.0% of mass 198	79.0
443	17.0 - 23.0% of mass 442	15.2 (19.3)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00R0404	R3716	04/04/07	0926
02		SSTD2.00R0404	R3719	04/04/07	1139
03		SSTD0.50R0404	R3720	04/04/07	1221
04		SSTD0.20R0404	R3721	04/04/07	1304
05		SSTD5.00R0404	R3722	04/04/07	1346
06		SSTD3.00R0404	R3723	04/04/07	1428
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: RD289 DFTPP Injection Date: 04/05/07

Instrument ID: GCMS-R DFTPP Injection Time: 0959

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	34.9
68	Less than 2.0% of mass 69	0.5 (1.3)1
69	Less than 100.0% of mass 198	36.8
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	52.3
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.0
275	10.0 - 30.0% of mass 198	21.5
365	1.0 - 100.0% of mass 198	2.9
441	0.0 - 100.0% of mass 443	10.4 (73.8)2
442	40.0 - 100.0% of mass 198	72.5
443	17.0 - 23.0% of mass 442	14.1 (19.5)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00R0405	R3733	04/05/07	1104
02	WG37474-BLANK	WG37474-1	R3737	04/05/07	1353
03	WG37474-LCS	WG37474-2	R3738	04/05/07	1436
04	JAX25-SB90-03	SA1351-1	R3745	04/05/07	1937
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: RD290 DFTPP Injection Date: 04/06/07

Instrument ID: GCMS-R DFTPP Injection Time: 1130

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	33.6
68	Less than 2.0% of mass 69	0.5 (1.3)1
69	Less than 100.0% of mass 198	35.9
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	52.0
197	Less than 1.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 30.0% of mass 198	21.1
365	1.0 - 100.0% of mass 198	2.7
441	0.0 - 100.0% of mass 443	10.8 (73.9)2
442	40.0 - 100.0% of mass 198	74.7
443	17.0 - 23.0% of mass 442	14.6 (19.6)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00R0406	R3748	04/06/07	1149
02		SSTD5.00R0406	R3749	04/06/07	1238
03		SSTD0.50R0406	R3752	04/06/07	1446
04		SSTD0.20R0406	R3753	04/06/07	1528
05		SSTD3.00R0406	R3754	04/06/07	1611
06		SSTD2.00R0406	R3755	04/06/07	1653
07	JAX25-SB90-03MS	WG37474-3RA	R3763	04/06/07	2240
08	JAX25-SB90-03MSD	WG37474-4RA	R3764	04/06/07	2322
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: RD291 DFTPP Injection Date: 04/07/07

Instrument ID: GCMS-R DFTPP Injection Time: 1022

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	33.4
68	Less than 2.0% of mass 69	0.5 (1.4)1
69	Less than 100.0% of mass 198	36.2
70	Less than 2.0% of mass 69	0.2 (0.6)1
127	40.0 - 60.0% of mass 198	52.0
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	21.4
365	1.0 - 100.0% of mass 198	2.9
441	0.0 - 100.0% of mass 443	11.4 (73.5)2
442	40.0 - 100.0% of mass 198	79.8
443	17.0 - 23.0% of mass 442	15.6 (19.5)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00R0407	R3765	04/07/07	1040
02	WG37524-BLANK	WG37524-1	R3766	04/07/07	1122
03	WG37524-LCS	WG37524-2	R3767	04/07/07	1204
04	JAX25-SB88-03	SA1351-7	R3768	04/07/07	1246
05	JAX25-SB94-03	SA1351-9	R3769	04/07/07	1327
06	JAX25-SB86-03	SA1351-5	R3770	04/07/07	1409
07	JAX25-SB89-03	SA1351-8	R3771	04/07/07	1451
08	JAX25-SB87-03	SA1351-6	R3772	04/07/07	1533
09	JAX25-SB91-03	SA1351-2	R3773	04/07/07	1615
10	JAX25-SB92-03	SA1351-3	R3774	04/07/07	1657
11	JAX25-SB86-03MS	WG37524-3	R3777	04/07/07	1903
12	JAX25-SB86-03MSD	WG37524-4	R3778	04/07/07	1945
13	JAX25-SB93-03	SA1351-4	R3780	04/07/07	2108
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: RD292 DFTPP Injection Date: 04/09/07

Instrument ID: GCMS-R DFTPP Injection Time: 1022

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	33.0
68	Less than 2.0% of mass 69	0.4 (1.3)1
69	Less than 100.0% of mass 198	35.4
70	Less than 2.0% of mass 69	0.2 (0.4)1
127	40.0 - 60.0% of mass 198	51.8
197	Less than 1.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 30.0% of mass 198	21.6
365	1.0 - 100.0% of mass 198	2.8
441	0.0 - 100.0% of mass 443	11.0 (75.7)2
442	40.0 - 100.0% of mass 198	74.2
443	17.0 - 23.0% of mass 442	14.5 (19.5)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00R0409	R3781	04/09/07	1042
02	JAX25-SB82-03	SA1351-18	R3782	04/09/07	1126
03	JAX25-SB94-03	SA1351-9DL	R3783	04/09/07	1208
04	JAX25-SB95-01	SA1351-10	R3784	04/09/07	1251
05	JAX25-SB99-01	SA1351-14	R3785	04/09/07	1334
06	JAX25-SB83-03	SA1351-15	R3786	04/09/07	1416
07	JAX25-SB84-03	SA1351-16	R3787	04/09/07	1458
08	JAX25-SB78-02	SA1351-20	R3788	04/09/07	1540
09	JAX25-SB103-03	SA1351-23	R3789	04/09/07	1623
10	JAX25-SB81-03	SA1351-19	R3790	04/09/07	1706
11	JAX25-SB102-03	SA1351-22	R3791	04/09/07	1748
12	JAX25-SB97-03	SA1351-11	R3792	04/09/07	1832
13	JAX25-SB96-01	SA1351-12DL	R3794	04/09/07	2000
14	JAX25-SB79-01	SA1351-21	R3795	04/09/07	2044
15	JAX25-SB98-01	SA1351-13	R3796	04/09/07	2128
16					
17					
18					
19					
20					

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: RD293 DFTPP Injection Date: 04/10/07

Instrument ID: GCMS-R DFTPP Injection Time: 1012

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	30.3
68	Less than 2.0% of mass 69	0.5 (1.4)1
69	Less than 100.0% of mass 198	33.0
70	Less than 2.0% of mass 69	0.1 (0.4)1
127	40.0 - 60.0% of mass 198	49.1
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.0
275	10.0 - 30.0% of mass 198	22.9
365	1.0 - 100.0% of mass 198	3.1
441	0.0 - 100.0% of mass 443	12.4 (73.2)2
442	40.0 - 100.0% of mass 198	86.9
443	17.0 - 23.0% of mass 442	16.9 (19.5)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00R0410	R3797	04/10/07	1031
02	JAX25-SB85-03	SA1351-17DL	R3799	04/10/07	1155
03	JAX25-SB95-01	SA1351-10DL	R3800	04/10/07	1238
04	JAX25-SB97-03	SA1351-11DL	R3801	04/10/07	1321
05	JAX25-SB96-01	SA1351-12DL2	R3802	04/10/07	1403
06	JAX25-SB98-01	SA1351-13DL	R3803	04/10/07	1450
07	JAX25-SB85-03	SA1351-17DL2	R3804	04/10/07	1532
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): R3733 Date Analyzed: 04/05/07

Instrument ID: GCMS-R Time Analyzed: 1104

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD		18610	8.89	68483	11.74	31696	15.93
UPPER LIMIT		37220	9.39	136966	12.24	63392	16.43
LOWER LIMIT		9305	8.39	34242	11.24	15848	15.43
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	WG37474-BLANK	WG37474-1	23726	8.89	89042	11.74	40701	15.93
02	WG37474-LCS	WG37474-2	22606	8.88	87164	11.73	41135	15.92
03	JAX25-SB90-03	SA1351-1	23133	8.89	95887	11.74	44708	15.93
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): R3733 Date Analyzed: 04/05/07

Instrument ID: GCMS-R Time Analyzed: 1104

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD		41143	19.51	26471	25.92	13072	29.12
UPPER LIMIT		82286	20.01	52942	26.42	26144	29.62
LOWER LIMIT		20572	19.01	13236	25.42	6536	28.62
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	WG37474-BLANK	WG37474-1	58247	19.51	29164	25.93	13556	29.12
02	WG37474-LCS	WG37474-2	57614	19.49	37117	25.92	15808	29.11
03	JAX25-SB90-03	SA1351-1	60675	19.53	32880	25.93	23188	29.11
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): R3748 Date Analyzed: 04/06/07

Instrument ID: GCMS-R Time Analyzed: 1149

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD		19775	8.87	79240	11.73	39670	15.92
UPPER LIMIT		39550	9.37	158480	12.23	79340	16.42
LOWER LIMIT		9888	8.37	39620	11.23	19835	15.42
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 JAX25-SB90-03MS	WG37474-3RA	24155	8.88	94306	11.72	47791	15.90
02 JAX25-SB90-03MSD	WG37474-4RA	25900	8.87	104680	11.72	54870	15.90
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): R3748 Date Analyzed: 04/06/07

Instrument ID: GCMS-R Time Analyzed: 1149

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	53492	19.49	38056	25.90	25469	29.10
UPPER LIMIT	106984	19.99	76112	26.40	50938	29.60
LOWER LIMIT	26746	18.99	19028	25.40	12735	28.60

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	JAX25-SB90-03MS	WG37474-3RA	67315	19.49	47585	25.90	34461	29.10
02	JAX25-SB90-03MSD	WG37474-4RA	79252	19.49	61756	25.90	40942	29.10
03								
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): R3765 Date Analyzed: 04/07/07

Instrument ID: GCMS-R Time Analyzed: 1040

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	20441	8.86	78252	11.71	37671	15.90
UPPER LIMIT	40882	9.36	156504	12.21	75342	16.40
LOWER LIMIT	10221	8.36	39126	11.21	18836	15.40

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG37524-BLANK	WG37524-1	25142	8.88	100163	11.73	51990	15.90
02	WG37524-LCS	WG37524-2	27234	8.87	105636	11.71	55063	15.90
03	JAX25-SB88-03	SA1351-7	25350	8.88	99026	11.72	47906	15.90
04	JAX25-SB94-03	SA1351-9	22807	8.88	91349	11.72	45886	15.90
05	JAX25-SB86-03	SA1351-5	23548	8.87	94847	11.73	47785	15.90
06	JAX25-SB89-03	SA1351-8	25415	8.87	100617	11.73	51997	15.90
07	JAX25-SB87-03	SA1351-6	26389	8.88	104062	11.72	54543	15.90
08	JAX25-SB91-03	SA1351-2	26139	8.87	104758	11.72	53319	15.90
09	JAX25-SB92-03	SA1351-3	26296	8.87	106544	11.72	55678	15.90
10	JAX25-SB86-03MS	WG37524-3	23090	8.88	93667	11.73	50716	15.90
11	JAX25-SB86-03MSD	WG37524-4	23708	8.87	80972	11.72	42426	15.92
12	JAX25-SB93-03	SA1351-4	22667	8.87	85662	11.73	44478	15.92
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): R3765 Date Analyzed: 04/07/07

Instrument ID: GCMS-R Time Analyzed: 1040

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD		52411	19.47	43059	25.90	25166	29.09
UPPER LIMIT		104822	19.97	86118	26.40	50332	29.59
LOWER LIMIT		26206	18.97	21530	25.40	12583	28.59
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	WG37524-BLANK	WG37524-1	72710	19.49	56541	25.90	38232	29.10
02	WG37524-LCS	WG37524-2	78142	19.47	61104	25.89	41392	29.09
03	JAX25-SB88-03	SA1351-7	66729	19.47	51356	25.90	39259	29.09
04	JAX25-SB94-03	SA1351-9	61008	19.47	48392	25.90	33954	29.09
05	JAX25-SB86-03	SA1351-5	65955	19.47	45151	25.90	31044	29.10
06	JAX25-SB89-03	SA1351-8	72495	19.49	54745	25.90	41059	29.10
07	JAX25-SB87-03	SA1351-6	76699	19.49	51145	25.90	35973	29.10
08	JAX25-SB91-03	SA1351-2	72791	19.49	49788	25.90	38359	29.10
09	JAX25-SB92-03	SA1351-3	78188	19.49	54956	25.90	39017	29.11
10	JAX25-SB86-03MS	WG37524-3	74270	19.49	46777	25.92	28924	29.11
11	JAX25-SB86-03MSD	WG37524-4	56633	19.49	27590	25.92	21148	29.12
12	JAX25-SB93-03	SA1351-4	57053	19.49	27761	25.93	16272	29.12
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): R3781 Date Analyzed: 04/09/07

Instrument ID: GCMS-R Time Analyzed: 1042

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD		16460	8.87	67674	11.71	34971	15.90
UPPER LIMIT		32920	9.37	135348	12.21	69942	16.40
LOWER LIMIT		8230	8.37	33837	11.21	17486	15.40
	CLIENT SAMPLE ID / LAB SAMPLE ID						
01	JAX25-SB82-03 / SA1351-18	17918	8.87	71341	11.73	39044	15.90
02	JAX25-SB94-03 / SA1351-9DL	18532	8.87	73495	11.71	38245	15.90
03	JAX25-SB95-01 / SA1351-10	19917	8.87	77596	11.71	42326	15.90
04	JAX25-SB99-01 / SA1351-14	18416	8.87	74432	11.71	39006	15.90
05	JAX25-SB83-03 / SA1351-15	20508	8.87	81870	11.73	42700	15.90
06	JAX25-SB84-03 / SA1351-16	19164	8.87	78058	11.72	41532	15.90
07	JAX25-SB78-02 / SA1351-20	19846	8.87	80403	11.73	41439	15.90
08	JAX25-SB103-03 / SA1351-23	18956	8.87	75915	11.73	39972	15.90
09	JAX25-SB81-03 / SA1351-19	20975	8.87	86011	11.71	45360	15.90
10	JAX25-SB102-03 / SA1351-22	21013	8.87	84747	11.73	44224	15.90
11	JAX25-SB97-03 / SA1351-11	19682	8.87	82677	11.71	46256	15.90
12	JAX25-SB96-01 / SA1351-12DL	16455	8.86	67598	11.71	38598	15.90
13	JAX25-SB79-01 / SA1351-21	18685	8.87	75700	11.73	40638	15.92
14	JAX25-SB98-01 / SA1351-13	17675	8.87	72499	11.71	40100	15.90
15							
16							
17							
18							
19							
20							

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): R3781 Date Analyzed: 04/09/07

Instrument ID: GCMS-R Time Analyzed: 1042

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD		45406	19.47	24339	25.90	16204	29.09
UPPER LIMIT		90812	19.97	48678	26.40	32408	29.59
LOWER LIMIT		22703	18.97	12170	25.40	8102	28.59
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	JAX25-SB82-03	SA1351-18	53827	19.47	32657	25.90	22996	29.09
02	JAX25-SB94-03	SA1351-9DL	51708	19.47	31312	25.90	22626	29.09
03	JAX25-SB95-01	SA1351-10	60494	19.47	36830	25.89	25042	29.09
04	JAX25-SB99-01	SA1351-14	57164	19.47	37810	25.89	27121	29.09
05	JAX25-SB83-03	SA1351-15	55317	19.48	29316	25.90	19833	29.09
06	JAX25-SB84-03	SA1351-16	58433	19.47	38010	25.90	27508	29.09
07	JAX25-SB78-02	SA1351-20	56315	19.49	34005	25.90	22805	29.09
08	JAX25-SB103-03	SA1351-23	56034	19.49	32576	25.90	22856	29.09
09	JAX25-SB81-03	SA1351-19	61748	19.47	34284	25.90	24621	29.10
10	JAX25-SB102-03	SA1351-22	57464	19.49	37073	25.90	28687	29.09
11	JAX25-SB97-03	SA1351-11	56659	19.49	34640	25.90	28436	29.10
12	JAX25-SB96-01	SA1351-12DL	55829	19.47	31171	25.90	20270	29.10
13	JAX25-SB79-01	SA1351-21	56839	19.49	35107	25.90	22960	29.10
14	JAX25-SB98-01	SA1351-13	59510	19.49	28199	25.92	19938	29.12
15								
16								
17								
18								
19								
20								

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): R3797 Date Analyzed: 04/10/07

Instrument ID: GCMS-R Time Analyzed: 1031

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD		14570	8.85	60736	11.71	32123	15.90
UPPER LIMIT		29140	9.35	121472	12.21	64246	16.40
LOWER LIMIT		7285	8.35	30368	11.21	16062	15.40
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 JAX25-SB85-03	SA1351-17DL	24032	8.86	86823	11.72	29271	15.93
02 JAX25-SB95-01	SA1351-10DL	18500	8.86	71564	11.71	38406	15.90
03 JAX25-SB97-03	SA1351-11DL	16102	8.85	64602	11.71	35321	15.90
04 JAX25-SB96-01	SA1351-12DL2	17716	8.85	70107	11.71	37656	15.90
05 JAX25-SB98-01	SA1351-13DL	13451	8.85	52821	11.71	29179	15.90
06 JAX25-SB85-03	SA1351-17DL2	15585	8.86	67985	11.71	39832	15.90
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID (Standard): R3797 Date Analyzed: 04/10/07

Instrument ID: GCMS-R Time Analyzed: 1031

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD		44306	19.47	28189	25.89	21748	29.09
UPPER LIMIT		88612	19.97	56378	26.39	43496	29.59
LOWER LIMIT		22153	18.97	14095	25.39	10874	28.59
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	JAX25-SB85-03	SA1351-17DL	43731	19.47	29476	25.89	23704	29.09
02	JAX25-SB95-01	SA1351-10DL	53920	19.47	33040	25.89	25545	29.09
03	JAX25-SB97-03	SA1351-11DL	48035	19.47	28161	25.89	21250	29.09
04	JAX25-SB96-01	SA1351-12DL2	53759	19.47	36557	25.89	29514	29.09
05	JAX25-SB98-01	SA1351-13DL	41379	19.47	29128	25.89	22605	29.09
06	JAX25-SB85-03	SA1351-17DL2	54193	19.49	31333	25.90	25146	29.09
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

Sample Data Section

ORGANICS DATA QUALIFIERS

U	Indicates the compound was analyzed for but not detected above the laboratory Practical Quantitation Limit.
*	Compound recovery outside of quality control limits.
D	Indicates the result was obtained from analysis of a diluted sample. Surrogate recoveries may not be calculable.
E	Estimated value. This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis.
J	Estimated value. The analyte was detected in the sample at a concentration less than the laboratory Practical Quantitation Limit (PQL), but above the Method Detection Limit (MDL).
B	Indicates the analyte was detected in the laboratory method blank analyzed concurrently with the sample.
N	Presumptive evidence of a compound based on a mass spectral library search.
A	Indicates that a tentatively identified compound is a suspected aldol-condensation product.
P	Used for Pesticide/Aroclor analyte when there is a greater than 25% difference for detected concentrations between the two GC columns.

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 05-APR-2007 19:37
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 72.0

Lab ID: SA1351-1
Client ID: JAX25-SB90-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37474
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	4	1.0	20	28	4
91-57-6	2-Methylnaphthalene	U	10	1.0	20	28	10
90-12-0	1-Methylnaphthalene	U	13	1.0	20	28	13
208-96-8	Acenaphthylene	U	3	1.0	20	28	3
83-32-9	Acenaphthene	U	8	1.0	20	28	8
86-73-7	Fluorene	U	4	1.0	20	28	4
85-01-8	Phenanthrene	U	4	1.0	20	28	4
120-12-7	Anthracene	U	5	1.0	20	28	5
206-44-0	Fluoranthene	I	12	1.0	20	28	5
129-00-0	Pyrene	I	7	1.0	20	28	4
56-55-3	Benzo(a)anthracene	I	9	1.0	20	28	4
218-01-9	Chrysene	U	4	1.0	20	28	4
205-99-2	Benzo(b)fluoranthene	U	4	1.0	20	28	4
207-08-9	Benzo(k)fluoranthene	U	4	1.0	20	28	4
50-32-8	Benzo(a)pyrene	I	6	1.0	20	28	4
193-39-5	Indeno(1,2,3-cd)pyrene	U	6	1.0	20	28	6
191-24-2	Benzo(g,h,i)perylene	I	12	1.0	20	28	4
53-70-3	Dibenzo(a,h)anthracene	U	5	1.0	20	28	5
7297-45-2	2-Methylnaphthalene-d10		76%				
81103-79-9	Fluorene-d10		91%				
1718-52-1	Pyrene-d10		84%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 07-APR-2007 16:15
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.3

Lab ID: SA1351-2
Client ID: JAX25-SB91-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37474
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	23	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	23	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	23	10
208-96-8	Acenaphthylene	U	2	1.0	20	23	2
83-32-9	Acenaphthene	U	7	1.0	20	23	7
86-73-7	Fluorene	U	4	1.0	20	23	4
85-01-8	Phenanthrene	U	3	1.0	20	23	3
120-12-7	Anthracene	U	4	1.0	20	23	4
206-44-0	Fluoranthene	I	6	1.0	20	23	4
129-00-0	Pyrene	I	6	1.0	20	23	4
56-55-3	Benzo(a)anthracene	I	5	1.0	20	23	3
218-01-9	Chrysene	I	5	1.0	20	23	3
205-99-2	Benzo(b)fluoranthene	I	11	1.0	20	23	4
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	23	3
50-32-8	Benzo(a)pyrene	I	5	1.0	20	23	3
193-39-5	Indeno(1,2,3-cd)pyrene	I	8	1.0	20	23	5
191-24-2	Benzo(g,h,i)perylene	I	8	1.0	20	23	4
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	23	4
7297-45-2	2-Methylnaphthalene-d10		70%				
81103-79-9	Fluorene-d10		77%				
1718-52-1	Pyrene-d10		79%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 07-APR-2007 16:57
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 83.1

Lab ID: SA1351-3
Client ID: JAX25-SB92-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37474
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	24	3
91-57-6	2-Methylnaphthalene	U	9	1.0	20	24	9
90-12-0	1-Methylnaphthalene	U	11	1.0	20	24	11
208-96-8	Acenaphthylene	U	3	1.0	20	24	3
83-32-9	Acenaphthene	U	7	1.0	20	24	7
86-73-7	Fluorene	U	4	1.0	20	24	4
85-01-8	Phenanthrene	I	8	1.0	20	24	3
120-12-7	Anthracene	U	4	1.0	20	24	4
206-44-0	Fluoranthene	I	20	1.0	20	24	4
129-00-0	Pyrene	I	17	1.0	20	24	4
56-55-3	Benzo(a)anthracene	I	12	1.0	20	24	4
218-01-9	Chrysene	I	14	1.0	20	24	3
205-99-2	Benzo(b)fluoranthene		25	1.0	20	24	4
207-08-9	Benzo(k)fluoranthene	I	8	1.0	20	24	4
50-32-8	Benzo(a)pyrene	I	14	1.0	20	24	4
193-39-5	Indeno(1,2,3-cd)pyrene	I	19	1.0	20	24	5
191-24-2	Benzo(g,h,i)perylene	I	14	1.0	20	24	4
53-70-3	Dibenzo(a,h)anthracene	I	6	1.0	20	24	4
7297-45-2	2-Methylnaphthalene-d10		81%				
81103-79-9	Fluorene-d10		89%				
1718-52-1	Pyrene-d10		88%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 07-APR-2007 21:08
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 89.6

Lab ID: SA1351-4
Client ID: JAX25-SB93-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37474
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	4	1.0	20	22	3
91-57-6	2-Methylnaphthalene	I	10	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	U	2	1.0	20	22	2
83-32-9	Acenaphthene	U	6	1.0	20	22	6
86-73-7	Fluorene	U	3	1.0	20	22	3
85-01-8	Phenanthrene	I	8	1.0	20	22	3
120-12-7	Anthracene	U	4	1.0	20	22	4
206-44-0	Fluoranthene	I	17	1.0	20	22	4
129-00-0	Pyrene	I	22	1.0	20	22	4
56-55-3	Benzo(a)anthracene	I	12	1.0	20	22	3
218-01-9	Chrysene	I	14	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene		27	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	I	9	1.0	20	22	3
50-32-8	Benzo(a)pyrene	I	14	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	I	18	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	I	16	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	I	6	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		85%				
81103-79-9	Fluorene-d10		86%				
1718-52-1	Pyrene-d10		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 07-APR-2007 14:09
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 79.7

Lab ID: SA1351-5
Client ID: JAX25-SB86-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	25	3
91-57-6	2-Methylnaphthalene	U	9	1.0	20	25	9
90-12-0	1-Methylnaphthalene	U	12	1.0	20	25	12
208-96-8	Acenaphthylene	U	3	1.0	20	25	3
83-32-9	Acenaphthene	U	7	1.0	20	25	7
86-73-7	Fluorene	U	4	1.0	20	25	4
85-01-8	Phenanthrene	I	9	1.0	20	25	3
120-12-7	Anthracene	I	10	1.0	20	25	4
206-44-0	Fluoranthene		30	1.0	20	25	4
129-00-0	Pyrene	I	24	1.0	20	25	4
56-55-3	Benzo(a)anthracene		40	1.0	20	25	4
218-01-9	Chrysene		53	1.0	20	25	4
205-99-2	Benzo(b)fluoranthene		150	1.0	20	25	4
207-08-9	Benzo(k)fluoranthene		49	1.0	20	25	4
50-32-8	Benzo(a)pyrene		73	1.0	20	25	4
193-39-5	Indeno(1,2,3-cd)pyrene		140	1.0	20	25	6
191-24-2	Benzo(g,h,i)perylene		110	1.0	20	25	4
53-70-3	Dibenzo(a,h)anthracene		29	1.0	20	25	5
7297-45-2	2-Methylnaphthalene-d10		77%				
81103-79-9	Fluorene-d10		79%				
1718-52-1	Pyrene-d10		81%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 07-APR-2007 15:33
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.0

Lab ID: SA1351-6
Client ID: JAX25-SB87-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	22	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	I	3	1.0	20	22	2
83-32-9	Acenaphthene	U	6	1.0	20	22	6
86-73-7	Fluorene	U	3	1.0	20	22	3
85-01-8	Phenanthrene	I	4	1.0	20	22	3
120-12-7	Anthracene	U	4	1.0	20	22	4
206-44-0	Fluoranthene	I	8	1.0	20	22	4
129-00-0	Pyrene	I	10	1.0	20	22	3
56-55-3	Benzo(a)anthracene	I	8	1.0	20	22	3
218-01-9	Chrysene	I	9	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene		24	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	I	5	1.0	20	22	3
50-32-8	Benzo(a)pyrene	I	12	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene		31	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene		31	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	I	7	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		79%				
81103-79-9	Fluorene-d10		88%				
1718-52-1	Pyrene-d10		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 07-APR-2007 12:46
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.5

Lab ID: SA1351-7
Client ID: JAX25-SB88-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	22	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	U	2	1.0	20	22	2
83-32-9	Acenaphthene	U	6	1.0	20	22	6
86-73-7	Fluorene	U	3	1.0	20	22	3
85-01-8	Phenanthrene	U	3	1.0	20	22	3
120-12-7	Anthracene	U	4	1.0	20	22	4
206-44-0	Fluoranthene	I	6	1.0	20	22	4
129-00-0	Pyrene	I	5	1.0	20	22	3
56-55-3	Benzo(a)anthracene	I	3	1.0	20	22	3
218-01-9	Chrysene	I	4	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene	I	10	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	22	3
50-32-8	Benzo(a)pyrene	I	5	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	I	7	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	I	6	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		74%				
81103-79-9	Fluorene-d10		81%				
1718-52-1	Pyrene-d10		78%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 07-APR-2007 14:51
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 93.2

Lab ID: SA1351-8
Client ID: JAX25-SB89-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	21	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	21	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	21	10
208-96-8	Acenaphthylene	I	4	1.0	20	21	2
83-32-9	Acenaphthene	U	6	1.0	20	21	6
86-73-7	Fluorene	U	3	1.0	20	21	3
85-01-8	Phenanthrene	I	9	1.0	20	21	3
120-12-7	Anthracene	U	4	1.0	20	21	4
206-44-0	Fluoranthene	I	17	1.0	20	21	4
129-00-0	Pyrene	I	12	1.0	20	21	3
56-55-3	Benzo(a)anthracene	I	11	1.0	20	21	3
218-01-9	Chrysene	I	9	1.0	20	21	3
205-99-2	Benzo(b)fluoranthene	I	14	1.0	20	21	3
207-08-9	Benzo(k)fluoranthene	I	4	1.0	20	21	3
50-32-8	Benzo(a)pyrene	I	8	1.0	20	21	3
193-39-5	Indeno(1,2,3-cd)pyrene	I	9	1.0	20	21	5
191-24-2	Benzo(g,h,i)perylene	I	7	1.0	20	21	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	21	4
7297-45-2	2-Methylnaphthalene-d10		66%				
81103-79-9	Fluorene-d10		75%				
1718-52-1	Pyrene-d10		75%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 07-APR-2007 13:27
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 89.5

Lab ID: SA1351-9
Client ID: JAX25-SB94-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	22	3
91-57-6	2-Methylnaphthalene	I	8	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	U	2	1.0	20	22	2
83-32-9	Acenaphthene	L	190	1.0	20	22	6
86-73-7	Fluorene		74	1.0	20	22	3
85-01-8	Phenanthrene		33	1.0	20	22	3
120-12-7	Anthracene	I	5	1.0	20	22	4
206-44-0	Fluoranthene	I	7	1.0	20	22	4
129-00-0	Pyrene	I	5	1.0	20	22	4
56-55-3	Benzo(a)anthracene	U	3	1.0	20	22	3
218-01-9	Chrysene	U	3	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene	I	6	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	22	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	5	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	U	3	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		73%				
81103-79-9	Fluorene-d10		69%				
1718-52-1	Pyrene-d10		85%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 12:08
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 89.5

Lab ID: SA1351-9DL
Client ID: JAX25-SB94-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	6	2.0	20	45	6
91-57-6	2-Methylnaphthalene	U	16	2.0	20	45	16
90-12-0	1-Methylnaphthalene	U	20	2.0	20	45	20
208-96-8	Acenaphthylene	U	5	2.0	20	45	5
83-32-9	Acenaphthene		190	2.0	20	45	13
86-73-7	Fluorene		78	2.0	20	45	7
85-01-8	Phenanthrene	I	32	2.0	20	45	6
120-12-7	Anthracene	U	8	2.0	20	45	8
206-44-0	Fluoranthene	U	8	2.0	20	45	8
129-00-0	Pyrene	U	7	2.0	20	45	7
56-55-3	Benzo(a)anthracene	U	7	2.0	20	45	7
218-01-9	Chrysene	U	6	2.0	20	45	6
205-99-2	Benzo(b)fluoranthene	U	7	2.0	20	45	7
207-08-9	Benzo(k)fluoranthene	U	7	2.0	20	45	7
50-32-8	Benzo(a)pyrene	U	7	2.0	20	45	7
193-39-5	Indeno(1,2,3-cd)pyrene	U	10	2.0	20	45	10
191-24-2	Benzo(g,h,i)perylene	U	7	2.0	20	45	7
53-70-3	Dibenzo(a,h)anthracene	U	8	2.0	20	45	8
7297-45-2	2-Methylnaphthalene-d10		72%				
81103-79-9	Fluorene-d10		73%				
1718-52-1	Pyrene-d10		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 12:51
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.9

Lab ID: SA1351-10
Client ID: JAX25-SB95-01
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		34	1.0	20	22	3
91-57-6	2-Methylnaphthalene		57	1.0	20	22	8
90-12-0	1-Methylnaphthalene		47	1.0	20	22	10
208-96-8	Acenaphthylene	I	7	1.0	20	22	2
83-32-9	Acenaphthene	I	18	1.0	20	22	6
86-73-7	Fluorene		71	1.0	20	22	3
85-01-8	Phenanthrene	L	210	1.0	20	22	3
120-12-7	Anthracene		24	1.0	20	22	4
206-44-0	Fluoranthene		71	1.0	20	22	4
129-00-0	Pyrene		71	1.0	20	22	3
56-55-3	Benzo(a)anthracene		24	1.0	20	22	3
218-01-9	Chrysene		22	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene		25	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	I	7	1.0	20	22	3
50-32-8	Benzo(a)pyrene	I	18	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	I	18	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	I	11	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		76%				
81103-79-9	Fluorene-d10		78%				
1718-52-1	Pyrene-d10		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 10-APR-2007 12:38
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.9

Lab ID: SA1351-10DL
Client ID: JAX25-SB95-01
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	35	2.0	20	43	6
91-57-6	2-Methylnaphthalene		56	2.0	20	43	16
90-12-0	1-Methylnaphthalene		49	2.0	20	43	20
208-96-8	Acenaphthylene	I	7	2.0	20	43	5
83-32-9	Acenaphthene	I	17	2.0	20	43	13
86-73-7	Fluorene		69	2.0	20	43	7
85-01-8	Phenanthrene		210	2.0	20	43	6
120-12-7	Anthracene	I	24	2.0	20	43	8
206-44-0	Fluoranthene		70	2.0	20	43	8
129-00-0	Pyrene		69	2.0	20	43	7
56-55-3	Benzo(a)anthracene	I	24	2.0	20	43	6
218-01-9	Chrysene	I	22	2.0	20	43	6
205-99-2	Benzo(b)fluoranthene	I	26	2.0	20	43	7
207-08-9	Benzo(k)fluoranthene	I	7	2.0	20	43	6
50-32-8	Benzo(a)pyrene	I	18	2.0	20	43	6
193-39-5	Indeno(1,2,3-cd)pyrene	I	20	2.0	20	43	10
191-24-2	Benzo(g,h,i)perylene	I	14	2.0	20	43	7
53-70-3	Dibenzo(a,h)anthracene	I	10	2.0	20	43	8
7297-45-2	2-Methylnaphthalene-d10		74%				
81103-79-9	Fluorene-d10		76%				
1718-52-1	Pyrene-d10		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 18:32
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 83.4

Lab ID: SA1351-11
Client ID: JAX25-SB97-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	6	1.0	20	24	3
91-57-6	2-Methylnaphthalene		160	1.0	20	24	9
90-12-0	1-Methylnaphthalene		100	1.0	20	24	11
208-96-8	Acenaphthylene	U	3	1.0	20	24	3
83-32-9	Acenaphthene	L	730	1.0	20	24	7
86-73-7	Fluorene	L	1100	1.0	20	24	4
85-01-8	Phenanthrene	L	3800	1.0	20	24	3
120-12-7	Anthracene	L	1400	1.0	20	24	4
206-44-0	Fluoranthene	L	3600	1.0	20	24	4
129-00-0	Pyrene	L	3300	1.0	20	24	4
56-55-3	Benzo(a)anthracene	L	1800	1.0	20	24	4
218-01-9	Chrysene	L	1000	1.0	20	24	3
205-99-2	Benzo(b)fluoranthene	L	1100	1.0	20	24	4
207-08-9	Benzo(k)fluoranthene	L	370	1.0	20	24	4
50-32-8	Benzo(a)pyrene	L	740	1.0	20	24	4
193-39-5	Indeno(1,2,3-cd)pyrene		76	1.0	20	24	5
191-24-2	Benzo(g,h,i)perylene	L	650	1.0	20	24	4
53-70-3	Dibenzo(a,h)anthracene		130	1.0	20	24	4
7297-45-2	2-Methylnaphthalene-d10		77%				
81103-79-9	Fluorene-d10		65%				
1718-52-1	Pyrene-d10		83%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 10-APR-2007 13:21
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 83.4

Lab ID: SA1351-11DL
Client ID: JAX25-SB97-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	120	40	20	960	120
91-57-6	2-Methylnaphthalene	U	350	40	20	960	350
90-12-0	1-Methylnaphthalene	U	440	40	20	960	440
208-96-8	Acenaphthylene	U	100	40	20	960	100
83-32-9	Acenaphthene	I	920	40	20	960	280
86-73-7	Fluorene		1500	40	20	960	150
85-01-8	Phenanthrene		7200	40	20	960	120
120-12-7	Anthracene		1700	40	20	960	170
206-44-0	Fluoranthene		7200	40	20	960	170
129-00-0	Pyrene		5600	40	20	960	150
56-55-3	Benzo(a)anthracene		1900	40	20	960	140
218-01-9	Chrysene		1400	40	20	960	140
205-99-2	Benzo(b)fluoranthene		1400	40	20	960	150
207-08-9	Benzo(k)fluoranthene	I	530	40	20	960	140
50-32-8	Benzo(a)pyrene	I	870	40	20	960	140
193-39-5	Indeno(1,2,3-cd)pyrene		1100	40	20	960	220
191-24-2	Benzo(g,h,i)perylene	I	860	40	20	960	150
53-70-3	Dibenzo(a,h)anthracene	I	250	40	20	960	180
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 20:00
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 91.9

Lab ID: SA1351-12DL
Client ID: JAX25-SB96-01
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	L	2700	10	20	220	28
91-57-6	2-Methylnaphthalene	L	5700	10	20	220	79
90-12-0	1-Methylnaphthalene	L	2400	10	20	220	100
208-96-8	Acenaphthylene		490	10	20	220	24
83-32-9	Acenaphthene		1500	10	20	220	64
86-73-7	Fluorene	L	2600	10	20	220	34
85-01-8	Phenanthrene	L	8200	10	20	220	28
120-12-7	Anthracene		1300	10	20	220	39
206-44-0	Fluoranthene	L	3400	10	20	220	38
129-00-0	Pyrene	L	5400	10	20	220	35
56-55-3	Benzo(a)anthracene	L	2600	10	20	220	33
218-01-9	Chrysene	L	2100	10	20	220	32
205-99-2	Benzo(b)fluoranthene		1300	10	20	220	34
207-08-9	Benzo(k)fluoranthene		470	10	20	220	33
50-32-8	Benzo(a)pyrene		1400	10	20	220	33
193-39-5	Indeno(1,2,3-cd)pyrene		940	10	20	220	49
191-24-2	Benzo(g,h,i)perylene		530	10	20	220	34
53-70-3	Dibenzo(a,h)anthracene		240	10	20	220	41
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 10-APR-2007 14:03
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 91.9

Lab ID: SA1351-12DL2
Client ID: JAX25-SB96-01
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		3100	100	20	2200	280
91-57-6	2-Methylnaphthalene		3800	100	20	2200	790
90-12-0	1-Methylnaphthalene		3400	100	20	2200	1000
208-96-8	Acenaphthylene	I	550	100	20	2200	240
83-32-9	Acenaphthene	I	1700	100	20	2200	640
86-73-7	Fluorene		2900	100	20	2200	340
85-01-8	Phenanthrene		10000	100	20	2200	280
120-12-7	Anthracene	I	1600	100	20	2200	390
206-44-0	Fluoranthene		4000	100	20	2200	380
129-00-0	Pyrene		5400	100	20	2200	350
56-55-3	Benzo(a)anthracene		2400	100	20	2200	330
218-01-9	Chrysene		2400	100	20	2200	320
205-99-2	Benzo(b)fluoranthene	I	1500	100	20	2200	340
207-08-9	Benzo(k)fluoranthene	I	550	100	20	2200	330
50-32-8	Benzo(a)pyrene	I	1600	100	20	2200	330
193-39-5	Indeno(1,2,3-cd)pyrene	I	1300	100	20	2200	490
191-24-2	Benzo(g,h,i)perylene	I	720	100	20	2200	340
53-70-3	Dibenzo(a,h)anthracene	I	580	100	20	2200	410
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 21:28
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 76.0

Lab ID: SA1351-13
Client ID: JAX25-SB98-01
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		47	1.0	20	26	3
91-57-6	2-Methylnaphthalene		130	1.0	20	26	10
90-12-0	1-Methylnaphthalene		95	1.0	20	26	12
208-96-8	Acenaphthylene		95	1.0	20	26	3
83-32-9	Acenaphthene		45	1.0	20	26	8
86-73-7	Fluorene		190	1.0	20	26	4
85-01-8	Phenanthrene	L	1100	1.0	20	26	3
120-12-7	Anthracene		210	1.0	20	26	5
206-44-0	Fluoranthene	L	1100	1.0	20	26	5
129-00-0	Pyrene	L	1500	1.0	20	26	4
56-55-3	Benzo(a)anthracene	L	890	1.0	20	26	4
218-01-9	Chrysene	L	620	1.0	20	26	4
205-99-2	Benzo(b)fluoranthene	L	580	1.0	20	26	4
207-08-9	Benzo(k)fluoranthene		180	1.0	20	26	4
50-32-8	Benzo(a)pyrene	L	520	1.0	20	26	4
193-39-5	Indeno(1,2,3-cd)pyrene	L	250	1.0	20	26	6
191-24-2	Benzo(g,h,i)perylene		180	1.0	20	26	4
53-70-3	Dibenzo(a,h)anthracene		75	1.0	20	26	5
7297-45-2	2-Methylnaphthalene-d10		78%				
81103-79-9	Fluorene-d10		79%				
1718-52-1	Pyrene-d10		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 10-APR-2007 14:50
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 76.0

Lab ID: SA1351-13DL
Client ID: JAX25-SB98-01
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	50	10	20	260	34
91-57-6	2-Methylnaphthalene	I	150	10	20	260	96
90-12-0	1-Methylnaphthalene	U	120	10	20	260	120
208-96-8	Acenaphthylene	I	110	10	20	260	29
83-32-9	Acenaphthene	U	78	10	20	260	78
86-73-7	Fluorene	I	200	10	20	260	41
85-01-8	Phenanthrene		1400	10	20	260	34
120-12-7	Anthracene	I	260	10	20	260	47
206-44-0	Fluoranthene		1700	10	20	260	46
129-00-0	Pyrene		1600	10	20	260	42
56-55-3	Benzo(a)anthracene		800	10	20	260	39
218-01-9	Chrysene		690	10	20	260	38
205-99-2	Benzo(b)fluoranthene		580	10	20	260	41
207-08-9	Benzo(k)fluoranthene	I	220	10	20	260	39
50-32-8	Benzo(a)pyrene		550	10	20	260	39
193-39-5	Indeno(1,2,3-cd)pyrene		490	10	20	260	59
191-24-2	Benzo(g,h,i)perylene		280	10	20	260	41
53-70-3	Dibenzo(a,h)anthracene	I	120	10	20	260	50
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 13:34
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 94.0

Lab ID: SA1351-14
Client ID: JAX25-SB99-01
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	6	1.0	20	21	3
91-57-6	2-Methylnaphthalene	I	12	1.0	20	21	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	21	10
208-96-8	Acenaphthylene	U	2	1.0	20	21	2
83-32-9	Acenaphthene	U	6	1.0	20	21	6
86-73-7	Fluorene	I	20	1.0	20	21	3
85-01-8	Phenanthrene		84	1.0	20	21	3
120-12-7	Anthracene	I	8	1.0	20	21	4
206-44-0	Fluoranthene	I	10	1.0	20	21	4
129-00-0	Pyrene	I	10	1.0	20	21	3
56-55-3	Benzo(a)anthracene	U	3	1.0	20	21	3
218-01-9	Chrysene	I	3	1.0	20	21	3
205-99-2	Benzo(b)fluoranthene	U	3	1.0	20	21	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	21	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	21	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	5	1.0	20	21	5
191-24-2	Benzo(g,h,i)perylene	U	3	1.0	20	21	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	21	4
7297-45-2	2-Methylnaphthalene-d10		67%				
81103-79-9	Fluorene-d10		72%				
1718-52-1	Pyrene-d10		80%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 14:16
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 72.9

Lab ID: SA1351-15
Client ID: JAX25-SB83-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	27	1.0	20	27	3.6
91-57-6	2-Methylnaphthalene	U	27	1.0	20	27	10
90-12-0	1-Methylnaphthalene	U	27	1.0	20	27	13
208-96-8	Acenaphthylene	U	27	1.0	20	27	3.0
83-32-9	Acenaphthene	U	27	1.0	20	27	8.1
86-73-7	Fluorene	U	27	1.0	20	27	4.2
85-01-8	Phenanthrene	U	27	1.0	20	27	3.6
120-12-7	Anthracene	U	27	1.0	20	27	4.9
206-44-0	Fluoranthene	U	27	1.0	20	27	4.8
129-00-0	Pyrene	U	27	1.0	20	27	4.4
56-55-3	Benzo(a)anthracene	U	27	1.0	20	27	4.1
218-01-9	Chrysene	U	27	1.0	20	27	4.0
205-99-2	Benzo(b)fluoranthene	U	27	1.0	20	27	4.2
207-08-9	Benzo(k)fluoranthene	U	27	1.0	20	27	4.1
50-32-8	Benzo(a)pyrene	U	27	1.0	20	27	4.1
193-39-5	Indeno(1,2,3-cd)pyrene	U	27	1.0	20	27	6.2
191-24-2	Benzo(g,h,i)perylene	U	27	1.0	20	27	4.2
53-70-3	Dibenzo(a,h)anthracene	U	27	1.0	20	27	5.2
7297-45-2	2-Methylnaphthalene-d10		61%				
81103-79-9	Fluorene-d10		68%				
1718-52-1	Pyrene-d10		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 14:58
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.5

Lab ID: SA1351-16
Client ID: JAX25-SB84-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	22	1.0	20	22	2.9
91-57-6	2-Methylnaphthalene	U	22	1.0	20	22	8.2
90-12-0	1-Methylnaphthalene	U	22	1.0	20	22	10
208-96-8	Acenaphthylene	U	22	1.0	20	22	2.5
83-32-9	Acenaphthene	U	22	1.0	20	22	6.7
86-73-7	Fluorene	U	22	1.0	20	22	3.5
85-01-8	Phenanthrene	U	22	1.0	20	22	2.9
120-12-7	Anthracene	U	22	1.0	20	22	4.1
206-44-0	Fluoranthene	U	22	1.0	20	22	4.0
129-00-0	Pyrene	U	22	1.0	20	22	3.6
56-55-3	Benzo(a)anthracene	U	22	1.0	20	22	3.4
218-01-9	Chrysene	U	22	1.0	20	22	3.3
205-99-2	Benzo(b)fluoranthene	U	22	1.0	20	22	3.5
207-08-9	Benzo(k)fluoranthene	U	22	1.0	20	22	3.4
50-32-8	Benzo(a)pyrene	U	22	1.0	20	22	3.4
193-39-5	Indeno(1,2,3-cd)pyrene	U	22	1.0	20	22	5.1
191-24-2	Benzo(g,h,i)perylene	U	22	1.0	20	22	3.5
53-70-3	Dibenzo(a,h)anthracene	U	22	1.0	20	22	4.3
7297-45-2	2-Methylnaphthalene-d10		68%				
81103-79-9	Fluorene-d10		74%				
1718-52-1	Pyrene-d10		85%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 10-APR-2007 11:55
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 93.6

Lab ID: SA1351-17DL
Client ID: JAX25-SB85-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		960	10	20	210	28
91-57-6	2-Methylnaphthalene	L	110000	10	20	210	78
90-12-0	1-Methylnaphthalene	L	13000	10	20	210	98
208-96-8	Acenaphthylene	U	24	10	20	210	24
83-32-9	Acenaphthene		1400	10	20	210	63
86-73-7	Fluorene		1100	10	20	210	33
85-01-8	Phenanthrene		750	10	20	210	28
120-12-7	Anthracene	I	96	10	20	210	38
206-44-0	Fluoranthene		230	10	20	210	37
129-00-0	Pyrene	I	200	10	20	210	34
56-55-3	Benzo(a)anthracene	I	69	10	20	210	32
218-01-9	Chrysene	I	34	10	20	210	31
205-99-2	Benzo(b)fluoranthene	I	97	10	20	210	33
207-08-9	Benzo(k)fluoranthene	U	32	10	20	210	32
50-32-8	Benzo(a)pyrene	I	50	10	20	210	32
193-39-5	Indeno(1,2,3-cd)pyrene	U	48	10	20	210	48
191-24-2	Benzo(g,h,i)perylene	U	33	10	20	210	33
53-70-3	Dibenzo(a,h)anthracene	I	42	10	20	210	40
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 10-APR-2007 15:32
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 93.6

Lab ID: SA1351-17DL2
Client ID: JAX25-SB85-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	21000	1000	20	21000	2800
91-57-6	2-Methylnaphthalene		53000	1000	20	21000	7800
90-12-0	1-Methylnaphthalene		34000	1000	20	21000	9800
208-96-8	Acenaphthylene	U	21000	1000	20	21000	2400
83-32-9	Acenaphthene	U	21000	1000	20	21000	6300
86-73-7	Fluorene	U	21000	1000	20	21000	3300
85-01-8	Phenanthrene	U	21000	1000	20	21000	2800
120-12-7	Anthracene	U	21000	1000	20	21000	3800
206-44-0	Fluoranthene	U	21000	1000	20	21000	3700
129-00-0	Pyrene	U	21000	1000	20	21000	3400
56-55-3	Benzo(a)anthracene	U	21000	1000	20	21000	3200
218-01-9	Chrysene	U	21000	1000	20	21000	3100
205-99-2	Benzo(b)fluoranthene	U	21000	1000	20	21000	3300
207-08-9	Benzo(k)fluoranthene	U	21000	1000	20	21000	3200
50-32-8	Benzo(a)pyrene	U	21000	1000	20	21000	3200
193-39-5	Indeno(1,2,3-cd)pyrene	U	21000	1000	20	21000	4800
191-24-2	Benzo(g,h,i)perylene	U	21000	1000	20	21000	3300
53-70-3	Dibenzo(a,h)anthracene	U	21000	1000	20	21000	4000
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 11:26
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.8

Lab ID: SA1351-18
Client ID: JAX25-SB82-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	22	1.0	20	22	2.9
91-57-6	2-Methylnaphthalene	U	22	1.0	20	22	8.2
90-12-0	1-Methylnaphthalene	U	22	1.0	20	22	10
208-96-8	Acenaphthylene	U	22	1.0	20	22	2.5
83-32-9	Acenaphthene	U	22	1.0	20	22	6.6
86-73-7	Fluorene	U	22	1.0	20	22	3.5
85-01-8	Phenanthrene	U	22	1.0	20	22	2.9
120-12-7	Anthracene	U	22	1.0	20	22	4.0
206-44-0	Fluoranthene	U	22	1.0	20	22	3.9
129-00-0	Pyrene	U	22	1.0	20	22	3.6
56-55-3	Benzo(a)anthracene	U	22	1.0	20	22	3.4
218-01-9	Chrysene	U	22	1.0	20	22	3.3
205-99-2	Benzo(b)fluoranthene	U	22	1.0	20	22	3.5
207-08-9	Benzo(k)fluoranthene	U	22	1.0	20	22	3.4
50-32-8	Benzo(a)pyrene	U	22	1.0	20	22	3.4
193-39-5	Indeno(1,2,3-cd)pyrene	U	22	1.0	20	22	5.1
191-24-2	Benzo(g,h,i)perylene	U	22	1.0	20	22	3.5
53-70-3	Dibenzo(a,h)anthracene	U	22	1.0	20	22	4.3
7297-45-2	2-Methylnaphthalene-d10		66%				
81103-79-9	Fluorene-d10		71%				
1718-52-1	Pyrene-d10		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 17:06
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.9

Lab ID: SA1351-19
Client ID: JAX25-SB81-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	22	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	U	2	1.0	20	22	2
83-32-9	Acenaphthene	U	6	1.0	20	22	6
86-73-7	Fluorene	U	3	1.0	20	22	3
85-01-8	Phenanthrene	I	3	1.0	20	22	3
120-12-7	Anthracene	U	4	1.0	20	22	4
206-44-0	Fluoranthene	I	5	1.0	20	22	4
129-00-0	Pyrene	I	6	1.0	20	22	3
56-55-3	Benzo(a)anthracene	U	3	1.0	20	22	3
218-01-9	Chrysene	I	5	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene	U	3	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	22	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	5	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	U	3	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		75%				
81103-79-9	Fluorene-d10		77%				
1718-52-1	Pyrene-d10		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 15:40
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.7

Lab ID: SA1351-20
Client ID: JAX25-SB78-02
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	22	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	U	2	1.0	20	22	2
83-32-9	Acenaphthene	U	7	1.0	20	22	7
86-73-7	Fluorene	U	3	1.0	20	22	3
85-01-8	Phenanthrene	U	3	1.0	20	22	3
120-12-7	Anthracene	U	4	1.0	20	22	4
206-44-0	Fluoranthene	U	4	1.0	20	22	4
129-00-0	Pyrene	U	4	1.0	20	22	4
56-55-3	Benzo(a)anthracene	U	3	1.0	20	22	3
218-01-9	Chrysene	U	3	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene	U	3	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	22	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	I	6	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	I	4	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		74%				
81103-79-9	Fluorene-d10		76%				
1718-52-1	Pyrene-d10		83%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 20:44
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 93.3

Lab ID: SA1351-21
Client ID: JAX25-SB79-01
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	21	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	21	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	21	10
208-96-8	Acenaphthylene	I	9	1.0	20	21	2
83-32-9	Acenaphthene	U	6	1.0	20	21	6
86-73-7	Fluorene	U	3	1.0	20	21	3
85-01-8	Phenanthrene	I	13	1.0	20	21	3
120-12-7	Anthracene	I	6	1.0	20	21	4
206-44-0	Fluoranthene		59	1.0	20	21	4
129-00-0	Pyrene		56	1.0	20	21	3
56-55-3	Benzo(a)anthracene		49	1.0	20	21	3
218-01-9	Chrysene		45	1.0	20	21	3
205-99-2	Benzo(b)fluoranthene		77	1.0	20	21	3
207-08-9	Benzo(k)fluoranthene		29	1.0	20	21	3
50-32-8	Benzo(a)pyrene		50	1.0	20	21	3
193-39-5	Indeno(1,2,3-cd)pyrene		59	1.0	20	21	5
191-24-2	Benzo(g,h,i)perylene		38	1.0	20	21	3
53-70-3	Dibenzo(a,h)anthracene	I	13	1.0	20	21	4
7297-45-2	2-Methylnaphthalene-d10		68%				
81103-79-9	Fluorene-d10		69%				
1718-52-1	Pyrene-d10		77%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 17:48
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 89.6

Lab ID: SA1351-22
Client ID: JAX25-SB102-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	22	1.0	20	22	2.9
91-57-6	2-Methylnaphthalene	U	22	1.0	20	22	8.2
90-12-0	1-Methylnaphthalene	U	22	1.0	20	22	10
208-96-8	Acenaphthylene	U	22	1.0	20	22	2.4
83-32-9	Acenaphthene	U	22	1.0	20	22	6.6
86-73-7	Fluorene	U	22	1.0	20	22	3.5
85-01-8	Phenanthrene	U	22	1.0	20	22	2.9
120-12-7	Anthracene	U	22	1.0	20	22	4.0
206-44-0	Fluoranthene	U	22	1.0	20	22	3.9
129-00-0	Pyrene	U	22	1.0	20	22	3.6
56-55-3	Benzo(a)anthracene	U	22	1.0	20	22	3.4
218-01-9	Chrysene	U	22	1.0	20	22	3.2
205-99-2	Benzo(b)fluoranthene	U	22	1.0	20	22	3.5
207-08-9	Benzo(k)fluoranthene	U	22	1.0	20	22	3.4
50-32-8	Benzo(a)pyrene	U	22	1.0	20	22	3.4
193-39-5	Indeno(1,2,3-cd)pyrene	U	22	1.0	20	22	5.0
191-24-2	Benzo(g,h,i)perylene	U	22	1.0	20	22	3.5
53-70-3	Dibenzo(a,h)anthracene	U	22	1.0	20	22	4.2
7297-45-2	2-Methylnaphthalene-d10		60%				
81103-79-9	Fluorene-d10		64%				
1718-52-1	Pyrene-d10		75%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 16:23
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.4

Lab ID: SA1351-23
Client ID: JAX25-SB103-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	22	1.0	20	22	2.8
91-57-6	2-Methylnaphthalene	U	22	1.0	20	22	7.9
90-12-0	1-Methylnaphthalene	U	22	1.0	20	22	10
208-96-8	Acenaphthylene	U	22	1.0	20	22	2.4
83-32-9	Acenaphthene	U	22	1.0	20	22	6.4
86-73-7	Fluorene	U	22	1.0	20	22	3.4
85-01-8	Phenanthrene	U	22	1.0	20	22	2.8
120-12-7	Anthracene	U	22	1.0	20	22	3.9
206-44-0	Fluoranthene	U	22	1.0	20	22	3.8
129-00-0	Pyrene	U	22	1.0	20	22	3.5
56-55-3	Benzo(a)anthracene	U	22	1.0	20	22	3.2
218-01-9	Chrysene	U	22	1.0	20	22	3.1
205-99-2	Benzo(b)fluoranthene	U	22	1.0	20	22	3.4
207-08-9	Benzo(k)fluoranthene	U	22	1.0	20	22	3.2
50-32-8	Benzo(a)pyrene	U	22	1.0	20	22	3.2
193-39-5	Indeno(1,2,3-cd)pyrene	U	22	1.0	20	22	4.9
191-24-2	Benzo(g,h,i)perylene	U	22	1.0	20	22	3.4
53-70-3	Dibenzo(a,h)anthracene	U	22	1.0	20	22	4.1
7297-45-2	2-Methylnaphthalene-d10		67%				
81103-79-9	Fluorene-d10		68%				
1718-52-1	Pyrene-d10		79%				

Standards Data Section

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GCMS-R Calibration Date(s): 04/04/07 04/04/07

Column: ZB5-MS ID: 0.25 (mm) Calibration Time(s): 0926 1428

LAB FILE ID: RF0.2: R3721 RF0.5: R3720 RF1: R3716
RF2: R3719 RF3: R3723 RF5: R3722

COMPOUND	RF0.2	RF0.5	RF1	RF2	RF3	RF5	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
Naphthalene	1.126	1.069	1.035	1.025	1.010	1.024	AVRG		1.04816980		4.121	15.000
2-Methylnaphthalene	0.466	0.524	0.590	0.590	0.591	0.645	AVRG		0.56778961		11.073	15.000
Acenaphthylene	1.353	1.444	1.602	1.614	1.658	1.888	AVRG		1.59313172		11.616	15.000
Acenaphthene	1.192	1.224	1.225	1.233	1.249	1.316	AVRG		1.23971663		3.347	15.000
Fluorene	1.135	1.277	1.309	1.363	1.371	1.545	AVRG		1.33322988		10.073	15.000
Phenanthrene	1.209	1.250	1.360	1.410	1.469	1.559	AVRG		1.37618483		9.615	15.000
Anthracene	0.955	1.079	1.175	1.261	1.318	1.472	AVRG		1.21007916		15.068	15.000
Fluoranthene	6925	18724	41690	82696	114830	280000	2ORDR	4.531e-002	1.01950458	-3.34e-002	0.99978	0.99000
Pyrene	2.105	2.375	1.885	2.310	2.245	2.112	AVRG		2.17191201		8.126	15.000
Benzo(a)anthracene	2357	5538	24778	30301	44989	129910	2ORDR	-6.25e-003	1.49974893	-5.57e-002	0.99298	0.99000
Chrysene	1.692	1.758	1.418	1.446	1.398	1.449	AVRG		1.52667429		10.209	15.000
Benzo(b)fluoranthene	0.899	1.008	1.007	1.093	1.164	1.318	AVRG		1.08154761		13.521	15.000
Benzo(k)fluoranthene	1.940	2.302	2.164	2.507	2.586	2.850	AVRG		2.39151163		13.550	15.000
Benzo(a)pyrene	1.213	1.273	1.270	1.309	1.373	1.541	AVRG		1.32993883		8.729	15.000
Indeno(1,2,3-cd)pyrene	0.383	0.357	0.361	0.379	0.358	0.390	AVRG		0.37129166		3.845	15.000
Dibenzo(a,h)anthracene	0.593	0.532	0.573	0.667	0.712	0.734	AVRG		0.63515644		12.776	15.000
Benzo(g,h,i)perylene	1.160	1.193	1.222	1.343	1.358	1.279	AVRG		1.25933787		6.426	15.000
1-Methylnaphthalene	16306	34746	68090	120450	164260	303310	LINR	-9.6e-002	1.43938590		0.99925	0.99000
2-Methylnaphthalene-d10	0.414	0.435	0.436	0.426	0.413	0.445	AVRG		0.42801395		3.040	15.000
Fluorene-d10	1.088	1.287	1.321	1.337	1.347	1.510	AVRG		1.31497196		10.319	15.000
Pyrene-d10	1.358	1.511	1.215	1.475	1.429	1.377	AVRG		1.39428415		7.532	15.000

Average %RSD test result.

Calculate Average %RSD: 10.08027649
Maximum Average %RSD: 30.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GCMS-R Calibration Date(s): 04/06/07 04/06/07

Column: ZB5-MS ID: 0.25 (mm) Calibration Time(s): 1149 1653

LAB FILE ID: RF0.2: R3753 RF0.5: R3752 RF1: R3748
RF2: R3755 RF3: R3754 RF5: R3749

COMPOUND	RF0.2	RF0.5	RF1	RF2	RF3	RF5	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
Naphthalene	0.938	1.073	0.976	0.946	1.054	0.865	AVRG		0.97526016		7.969	15.000
2-Methylnaphthalene	6332	24235	57282	114430	165530	311170	2ORDR	0.14268637	1.26509084	0.14405463	0.99173	0.99000
1-Methylnaphthalene	0.978	0.732	0.761	0.694	0.741		AVRG		0.78136056		14.418	15.000
Acenaphthylene	1.340	1.706	1.740	1.705	2.027	1.865	AVRG		1.73059796		13.174	15.000
Acenaphthene	0.987	1.179	1.148	1.146	1.324	1.155	AVRG		1.15619238		9.267	15.000
Fluorene	1.058	1.344	1.358	1.356	1.568	1.423	AVRG		1.35088626		12.309	15.000
Phenanthrene	0.936	1.283	1.253	1.249	1.465	1.214	AVRG		1.23330842		13.830	15.000
Anthracene	1.012	1.294	1.264	1.256	1.449	1.204	AVRG		1.24644673		11.387	15.000
Fluoranthene	0.844	1.121	1.127	1.083	1.275	1.108	AVRG		1.09316148		12.752	15.000
Pyrene	1.549	1.944	1.729	1.868	2.175	1.598	AVRG		1.81042095		12.927	15.000
Benzo(a)anthracene	0.724	0.971	1.024	0.927	1.116	1.041	AVRG		0.96725460		14.004	15.000
Chrysene	1.285	1.435	1.244	1.239	1.391	1.209	AVRG		1.30051775		7.048	15.000
Benzo(b)fluoranthene	3717	13564	38101	56331	78273	225670	LINR	0.11899582	0.69533049		0.99379	0.99000
Benzo(k)fluoranthene	1.603	1.776	1.665	1.870	2.188	1.658	AVRG		1.79325923		12.029	15.000
Benzo(a)pyrene	1.034	1.250	1.209	1.216	1.451	1.276	AVRG		1.23941722		10.825	15.000
Indeno(1,2,3-cd)pyrene	2820	6077	24543	28431	35403	135280	2ORDR	-2.18e-002	1.70085482	-9.49e-002	0.99657	0.99000
Benzo(g,h,i)perylene	1.042	1.157	1.151	1.156	1.316	1.132	AVRG		1.15890393		7.652	15.000
Dibenzo(a,h)anthracene	2487	9549	30034	39394	52596	161450	LINR	0.11116650	0.99001579		0.99657	0.99000
2-Methylnaphthalene-d10	0.361	0.452	0.439	0.422	0.466	0.368	AVRG		0.41801244		10.478	15.000
Fluorene-d10	1.019	1.383	1.409	1.382	1.596	1.385	AVRG		1.36246612		13.767	15.000
Pyrene-d10	1.041	1.322	1.191	1.257	1.465	1.100	AVRG		1.22936985		12.509	15.000

Average %RSD test result.

Calculate Average %RSD: 11.39643478
Maximum Average %RSD: 30.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GCMS-R Calibration Date: 04/05/07 Time: 1104

Lab File ID: R3733 Init. Calib. Date(s): 04/04/07 04/04/07

Init. Calib. Times: 0926 1428

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	1.0480000	0.9888800	0.9888800	0.01	-5.64	100.00	AVRG
2-Methylnaphthalene	0.5680000	0.5133500	0.5133500	0.01	-9.62	100.00	AVRG
1-Methylnaphthalene	1.0280000	1.0000000	0.7675700	0.01	2.80	100.00	LINR
Acenaphthylene	1.5930000	1.4588000	1.4588000	0.01	-8.42	100.00	AVRG
Acenaphthene	1.2400000	1.1540000	1.1540000	0.01	-6.94	20.00	AVRG
Fluorene	1.3330000	1.2812000	1.2812000	0.01	-3.89	100.00	AVRG
Phenanthrene	1.3760000	1.2228000	1.2228000	0.01	-11.13	100.00	AVRG
Anthracene	1.2100000	1.0794000	1.0794000	0.01	-10.79	100.00	AVRG
Fluoranthene	0.9788200	1.0000000	0.9625000	0.01	-2.12	20.00	2RDR
Pyrene	2.1720000	1.8961000	1.8961000	0.01	-12.70	100.00	AVRG
Benzo(a)anthracene	0.8824500	1.0000000	0.6089400	0.01	-11.76	100.00	2RDR
Chrysene	1.5270000	1.5130000	1.5130000	0.01	-0.92	100.00	AVRG
Benzo(b)fluoranthene	1.0820000	0.8267400	0.8267400	0.01	-23.59	100.00	AVRG
Benzo(k)fluoranthene	2.3920000	2.2121000	2.2121000	0.01	-7.52	100.00	AVRG
Benzo(a)pyrene	1.3300000	1.1662000	1.1662000	0.01	-12.32	20.00	AVRG
Indeno(1,2,3-cd)pyrene	0.3710000	0.2809700	0.2809700	0.01	-24.27	100.00	AVRG
Benzo(g,h,i)perylene	1.2590000	1.0570000	1.0570000	0.01	-16.04	100.00	AVRG
Dibenzo(a,h)anthracene	0.6350000	0.4649900	0.4649900	0.01	-26.77	100.00	AVRG
2-Methylnaphthalene-d10	0.4280000	0.4110600	0.4110600	0.01	-3.96	100.00	AVRG
Fluorene-d10	1.3150000	1.2813000	1.2813000	0.01	-2.56	100.00	AVRG
Pyrene-d10	1.3940000	1.2008000	1.2008000	0.01	-13.86	100.00	AVRG

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GCMS-R Calibration Date: 04/07/07 Time: 1040

Lab File ID: R3765 Init. Calib. Date(s): 04/06/07 04/06/07

Init. Calib. Times: 1149 1653

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.9750000	0.9778800	0.9778800	0.01	0.30	100.00	AVRG
2-Methylnaphthalene	0.9053000	1.0000000	0.5778400	0.01	-9.47	100.00	2RDR
1-Methylnaphthalene	0.7810000	0.6852600	0.6852600	0.01	-12.26	100.00	AVRG
Acenaphthylene	1.7300000	1.7892000	1.7892000	0.01	3.42	100.00	AVRG
Acenaphthene	1.1560000	1.1155000	1.1155000	0.01	-3.50	20.00	AVRG
Fluorene	1.3510000	1.3086000	1.3086000	0.01	-3.14	100.00	AVRG
Phenanthrene	1.2330000	1.2102000	1.2102000	0.01	-1.85	100.00	AVRG
Anthracene	1.2460000	1.1619000	1.1619000	0.01	-6.75	100.00	AVRG
Fluoranthene	1.0930000	1.1389000	1.1389000	0.01	4.20	20.00	AVRG
Pyrene	1.8100000	1.4661000	1.4661000	0.01	-19.00	100.00	AVRG
Benzo(a)anthracene	0.9670000	1.1115000	1.1115000	0.01	14.94	100.00	AVRG
Chrysene	1.3000000	1.2432000	1.2432000	0.01	-4.37	100.00	AVRG
Benzo(b)fluoranthene	1.0541000	1.0000000	1.3791000	0.01	5.41	100.00	LINR
Benzo(k)fluoranthene	1.7930000	1.6555000	1.6555000	0.01	-7.67	100.00	AVRG
Benzo(a)pyrene	1.2390000	1.2306000	1.2306000	0.01	-0.68	20.00	AVRG
Indeno(1,2,3-cd)pyrene	0.9758600	1.0000000	0.6099300	0.01	-2.41	100.00	2RDR
Benzo(g,h,i)perylene	1.1590000	0.8646900	0.8646900	0.01	-25.39	100.00	AVRG
Dibenzo(a,h)anthracene	0.8452900	1.0000000	0.7639800	0.01	-15.47	100.00	LINR
2-Methylnaphthalene-d10	0.4180000	0.4179400	0.4179400	0.01	-0.01	100.00	AVRG
Fluorene-d10	1.3620000	1.3720000	1.3720000	0.01	0.73	100.00	AVRG
Pyrene-d10	1.2290000	1.0323000	1.0323000	0.01	-16.00	100.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GCMS-R Calibration Date: 04/09/07 Time: 1042

Lab File ID: R3781 Init. Calib. Date(s): 04/06/07 04/06/07

Init. Calib. Times: 1149 1653

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.9750000	0.9721400	0.9721400	0.01	-0.29	100.00	AVRG
2-Methylnaphthalene	0.9290300	1.0000000	0.5939200	0.01	-7.10	100.00	2RDR
1-Methylnaphthalene	0.7810000	0.6311800	0.6311800	0.01	-19.18	100.00	AVRG
Acenaphthylene	1.7300000	1.7126000	1.7126000	0.01	-1.00	100.00	AVRG
Acenaphthene	1.1560000	1.1141000	1.1141000	0.01	-3.62	20.00	AVRG
Fluorene	1.3510000	1.2887000	1.2887000	0.01	-4.61	100.00	AVRG
Phenanthrene	1.2330000	1.1950000	1.1950000	0.01	-3.08	100.00	AVRG
Anthracene	1.2460000	1.1733000	1.1733000	0.01	-5.83	100.00	AVRG
Fluoranthene	1.0930000	0.9947200	0.9947200	0.01	-8.99	20.00	AVRG
Pyrene	1.8100000	1.9135000	1.9135000	0.01	5.72	100.00	AVRG
Benzo(a)anthracene	0.9670000	0.9819300	0.9819300	0.01	1.54	100.00	AVRG
Chrysene	1.3000000	1.1824000	1.1824000	0.01	-9.05	100.00	AVRG
Benzo(b)fluoranthene	0.8808100	1.0000000	1.1298000	0.01	-11.92	100.00	LINR
Benzo(k)fluoranthene	1.7930000	1.5157000	1.5157000	0.01	-15.47	100.00	AVRG
Benzo(a)pyrene	1.2390000	1.1238000	1.1238000	0.01	-9.30	20.00	AVRG
Indeno(1,2,3-cd)pyrene	1.2461000	1.0000000	0.7859800	0.01	24.61	100.00	2RDR
Benzo(g,h,i)perylene	1.1590000	1.0547000	1.0547000	0.01	-9.00	100.00	AVRG
Dibenzo(a,h)anthracene	0.9767400	1.0000000	0.8967700	0.01	-2.33	100.00	LINR
2-Methylnaphthalene-d10	0.4180000	0.4308500	0.4308500	0.01	3.07	100.00	AVRG
Fluorene-d10	1.3620000	1.3117000	1.3117000	0.01	-3.69	100.00	AVRG
Pyrene-d10	1.2290000	1.3205000	1.3205000	0.01	7.44	100.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GCMS-R Calibration Date: 04/10/07 Time: 1031

Lab File ID: R3797 Init. Calib. Date(s): 04/06/07 04/06/07

Init. Calib. Times: 1149 1653

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.9750000	0.9366000	0.9366000	0.01	-3.94	100.00	AVRG
2-Methylnaphthalene	0.9247200	1.0000000	0.5910000	0.01	-7.53	100.00	2RDR
1-Methylnaphthalene	0.7810000	0.7383300	0.7383300	0.01	-5.46	100.00	AVRG
Acenaphthylene	1.7300000	1.7160000	1.7160000	0.01	-0.81	100.00	AVRG
Acenaphthene	1.1560000	1.1036000	1.1036000	0.01	-4.53	20.00	AVRG
Fluorene	1.3510000	1.2955000	1.2955000	0.01	-4.11	100.00	AVRG
Phenanthrene	1.2330000	1.1538000	1.1538000	0.01	-6.42	100.00	AVRG
Anthracene	1.2460000	1.1693000	1.1693000	0.01	-6.16	100.00	AVRG
Fluoranthene	1.0930000	1.0640000	1.0640000	0.01	-2.65	20.00	AVRG
Pyrene	1.8100000	1.7143000	1.7143000	0.01	-5.29	100.00	AVRG
Benzo(a)anthracene	0.9670000	1.1278000	1.1278000	0.01	16.63	100.00	AVRG
Chrysene	1.3000000	1.2069000	1.2069000	0.01	-7.16	100.00	AVRG
Benzo(b)fluoranthene	0.8931200	1.0000000	1.1475000	0.01	-10.69	100.00	LINR
Benzo(k)fluoranthene	1.7930000	1.3972000	1.3972000	0.01	-22.08	100.00	AVRG
Benzo(a)pyrene	1.2390000	1.1544000	1.1544000	0.01	-6.83	20.00	AVRG
Indeno(1,2,3-cd)pyrene	1.2220000	1.0000000	0.7700600	0.01	22.20	100.00	2RDR
Benzo(g,h,i)perylene	1.1590000	1.0498000	1.0498000	0.01	-9.42	100.00	AVRG
Dibenzo(a,h)anthracene	0.9983900	1.0000000	0.9186300	0.01	-0.16	100.00	LINR
2-Methylnaphthalene-d10	0.4180000	0.4291100	0.4291100	0.01	2.66	100.00	AVRG
Fluorene-d10	1.3620000	1.3289000	1.3289000	0.01	-2.43	100.00	AVRG
Pyrene-d10	1.2290000	1.1964000	1.1964000	0.01	-2.65	100.00	AVRG

FORM VII PEST

Logbooks and Supporting Documents

KATAHDIN ANALYTICAL SERVICES
GC/MS SVOA INJ LOG INSTRUMENT: 5973-R

DATE OF DFTPP INJECTION: 040607

JOB	SAMPLE	DATAFILE	DF	ALS #	METHOD	UL INJ	CHEMIST	COMMENTS
	50 ng DFTPP	RD288	1	1	DFTPP280	2.0	JCG	OK
	SSTD 1.00 RO404	123716		2	RSIM028	1.0		OK ✓ 20/200
	5.00	17		3				— 60/200
	3.00	18		4				— 60/200
	2.00	19		5				✓ 40/200
	0.50	20		6				✓ 10/200
	0.20	21		7				✓ 4/200
	5.00	22		8				✓ 100/200
	3.00	23		9				✓ 60/200
	SIM CV CHK	24		10				
3510	WK37098-1RA	25		11				OK
↓	↓ -2RA	26		12				OK
	↓ -3RA	27		13				155↑
↓	SA1132-14RA	28		14				OK
3550	WK37096-1	29		15				OK
↓	↓ -2	30		16				1564 (D)
	↓ -3	31		17				155,165 (D)

040607

STANDARD	CODE	
DFTPP	51015	
CAL. STD.	51040	51016
IS MIX	51004	

REVIEWED AND APPROVED BY:
DATE:

QAMS335

Katahdin Analytical Services 00000884

20000668

KATAHDIN ANALYTICAL SERVICES
GC/MS SVOA INJ LOG INSTRUMENT: 5973-R

DATE OF DFTPP INJECTION: 040507

JOB	SAMPLE	DATAFILE	DF	ALS #	METHOD	UL INJ	CHEMIST	COMMENTS
	50 ng DFTPP	RD 289	1	1	DFTPP320	2.0	JCL	OK
	SSTD 100 040505	R 3732		2	RSIM028	1.0		— 20/200
	SSTD 1.00 040505	33		2				OK
3550	WG37096-3RA	34		3				OK
	-3RA	35		4				OK
3510	WG37098-3RA	36		5				OK
3550	WG37474-1	37		6				OK
	-2	38		7				OK
	SA1132-2	39		8				OK DL 115
	-4	40		9				OK DL 110
	-6	41		10				156↑
	-8	42		11				155↑
	-10	43		12				156↑
	-12	44		13				154,6↑
	SA1151-1	45		14				551,2↑ 2x?
	WG37474-3	46		15				156↑
	-4	47		16				154-6↑

STANDARD	CODE
DFTPP	S1015
CAL. STD.	S1040
IS MIX	S1004

REVIEWED AND APPROVED BY:
DATE:

QAMS335

Katahdin Analytical Services 2000069

KATAHDIN ANALYTICAL SERVICES
GC/MS SVOA INJ LOG INSTRUMENT: 5973-R

DATE OF DFTPP INJECTION: 040607

JOB	SAMPLE	DATAFILE	DF	ALS #	METHOD	UL INJ	CHEMIST	COMMENTS
	50 ng DFTPP	RD290	1	1	DFTPP390	2.0	JLR	OK
	SSTD1.00 R0406	R23748		2	RSIM029	1.0		OK ✓ 30/300
	5.00	49		3				OK ✓ 100/200
	3.00	50		4				OK not used 60/200
	2.00	51		5				1562 ↓ 40/200
	0.50	52		6				OK ✓ 10/200
	0.20	53		7				OK ✓ 4/200
	3.00	54		8				OK ✓ 60/200
	2.00	55		9				OK ✓ 40/200
	SIM CV CHK	56		10				OK
35550	SA1632-2DL	57	5	11				OK 1.0/500
	-4DL	58	10	12				OK 50/500
	-6RA	59	1	13				OK
	-8RA	60		14				OK
	-10RA	61		15				OK
	-12RA	62		16				OK DL 1:2
	WG37474-3RA	63		17				OK
	-4RA	64		18				OK

STANDARD	CODE
DFTPP	51092
CAL. STD.	51540
IS MIX	51004

REVIEWED AND APPROVED BY:
DATE:

QAMS335

Katahdin Analytical Services

00000070

KATAHDIN ANALYTICAL SERVICES
GC/MS SVOA INJ LOG INSTRUMENT: 5973-R

DATE OF DFTPP INJECTION: 040707

JOB	SAMPLE	DATAFILE	DF	ALS #	METHOD	UL INJ	CHEMIST	COMMENTS
	50ng DFTPP	RD291	1	1	DFTPP3510	2.0	SLY	OK
	SSTD1.00 R0407	R3765		2	RSM028	1.0		OK 30/300
3550	WG37524-1	66		3				OK
	+ -2	67		4				OK
	SA1351-7	68		5				OK
	-9	69		6				DL 1:2 OK
	-5	70		7				OK
	-8	71		8				OK
	-6	72		9				OK
	-2	73		10				OK
	-3	74		11				OK
	-1	75		12				551-3 ↑ 2x?
	SA1132-12DL	76	2	13				OK 100/200
	WG37524-3	77	1	14				OK
	+ -4	78		15				OK
	SA1132-2RA	79		16				OK
	SA1351-4	80		17				OK

STANDARD	CODE
DFTPP	S1042
CAL. STD.	S1040
IS MIX	S1044

REVIEWED AND APPROVED BY:
DATE:

QAMS335

Katahdin Analytical Services 2000071

000008

KATAHDIN ANALYTICAL SERVICES
GC/MS SVOA INJ LOG INSTRUMENT: 5973-R

DATE OF DFTPP INJECTION: 040907

JOB	SAMPLE	DATAFILE	DF	ALS #	METHOD	UL INJ	CHEMIST	COMMENTS
	SD wq DFTPP	R0292	1	1	DFTPP390	2.0	JLH	OK
	SST/600 R0409	R3781		2	RSIM029	1.0		OK 30/300
3550	SA1351-1K	82		3				OK
	-9DL	83	2	4				OK 100/200
	-10	84	1	5				OK DL 1:2
	-14	85		6				OK
	-15	86		7				OK
	-16	87		8				OK
	-20	88		9				OK
	-23	89		10				OK
	-19	90		11				OK
	-22	91		12				OK
	~~-24~~-11	92		13				OK DL 1:40
	-17	93		14				— DL 1:10
	-12DL	94	10	15				OK DL 1:100 50/500
	-21	95	1	16				OK
	-13	96		17				OK DL 1:10

STANDARD	CODE
DFTPP	S1042
CAL. STD.	S1040
IS MIX	S1004

REVIEWED AND APPROVED BY:
DATE:

QAMS335

Katahdin Analytical Services

0000088

2000072

KATAHDIN ANALYTICAL SERVICES
GC/MS SVOA INJ LOG INSTRUMENT: 5973-R

DATE OF DFTPP INJECTION: 041007

JOB	SAMPLE	DATAFILE	DF	ALS #	METHOD	UL INJ	CHEMIST	COMMENTS
	50ng DFTPP	R0293	1	1	DFTPP350	2.0	JW	OK
	SSTD100R0110	R3797		2	RSIM029	1.0		OK 30/300
3550	WC37560-1	98		3				OK
	SA1351-17DL	99	10	4				OK DL 1:1000 50/500
	-10DL	R3800	2	5				OK 100/200
	-11DL	01	40	6				OK 25/1000
	-12DL2	02	100	7				OK (50/500)x2
	-13DL	03	10	8				OK 50/500
	-17DL2	04	1000	9				OK (50/500)x3
	SA1374 -1	05	1	10				OK
	-6	06		11				OK
	-7	07		12				OK
	-4	08		13				OK
	-5	09		14				— DL 1:10
	-3	10		15				OK
	-8	11		16				OK
	-2	12		17				OK DL 1:5

JW 041007

STANDARD	CODE
DFTPP	S1042
CAL. STD.	S1040
IS MIX	S1004

REVIEWED AND APPROVED BY:
DATE:

QAMS335

Katahdin Analytical Services 2000073

0000084

SIM SON

Katahdin Analytical Services, Inc.
Organic Extraction Log

Protocol: SW846

Analysis: Semivolatile Organics

Date QC Started: 3-30-07

QC Expiration Date: 4-13-07

QC Batch ID:

SURROGATE ID: SV2152

Analytical Method: SW846/8270

Extraction Technique: SONIC 3550 / SOX 3540 / ASE 3545

Matrix: SOLID

SPIKE ID: SV2140

CLEAN-UP: GC screen, GPC, Florisil, Acid Wash, Other:

Sonicator Horns Tuned: <20%

Solvent Lot # MeCl2: E04465

Solvent Lot # Acetone: C20E10

Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Init.	Comments
Blank-1	3-30-07	KF	WG37474-1	30g	1mL	NR	1mL	4-3-07	SV204 A6	Km	R62000
LCS-1			-2			1mL			A7		
MS			-3						A8		MS SA13S1-1
MSD			-4						A9		MSD
Blank-2											
LCS-2											
Blank-3											
LCS-3											
Blank-4											
LCS-4											
Blank-5											
LCS-5											
Blank-6											
LCS-6											

QAEX129

000008

SIM SOW

Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Init.	Comments
1	3-30-07	KF	SA13S1-1	30g	1mL	NR	1mL	4-3-07	SV204 A10	Km	
2			-2						B1		
3			-3						B2		
4			-4						B3		
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											

Reviewed By:

QAEX129

00000

SIM-SON

Katahdin Analytical Services, Inc.
Organic Extraction Log

Protocol: SW846

Analysis: Semivolatile Organics

Date QC Started: ~~5~~ 4-3-07

QC Expiration Date: 4-17-07

QC Batch ID: ~~SV2152~~ 2GU

SURROGATE ID: ~~SV2140~~ SV2152

Analytical Method: SW846/8270

Extraction Technique: SONIC 3550 / SOX 3540 / ASE 3545

Matrix: SOLID

SPIKE ID: SV2140

CLEAN-UP: GC screen, GPC, Florisil, Acid Wash, Other:

Sonicator Horns Tuned: 50%

Solvent Lot # M_2Cl_2 E06468

Solvent Lot # Acetone C20E10

Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Init.	Comments
Blank-1	4-3-07	GN	WG37524-1 ~~SA~~ GN	30g	1.0mL	NR	1mL	4-3-07	SV204 B4	Km	R62086
LCS-1			-2			1.0mL			B5		
MS			-3						B6		SA1351-5 MS GN 4-3-07 ~~SA13495~~
MSD			-4						B7		Yellower than MS MSD GN 4-3-07 ~~SA13495~~ SA1351-5
Blank-2											
LCS-2											
Blank-3											
LCS-3											
Blank-4											
LCS-4											
Blank-5											
LCS-5											
Blank-6											
LCS-6											

QAEX129 000009

Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Init.	Comments
1	4-3-07	GN	SA1351-5	30g	1.0mL	NR	1mL	4-3-07	SV204 B8	Km	MS/MSD
2			-6						B9		
3			-7						B10		
4			-8						C1		
5			-9						C2		
6			-10						C3		
7			-11						C4		
8			-12						C5		
9			-13						C6		
10			-14						C7		
11			-15						C8		
12			-16						C9		
13			-17						C10		
14			-18						D1		
15			-19						D2		
16			-20						D3		
17			-21						D4		
18			-22						D5		
19			-23						D6		
20			SA1374-1						D7		

Reviewed By:

QAEX129 000

PETROLEUM RANGE ORGANICS DATA

QC Summary Section

FORM 2
SOIL FL-PRO SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Level:(low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 OTP#	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	WG37547-BLANK	WG37547-1	104	103							0
02	WG37547-LCS	WG37547-2	62	62							0
03	WG37547-LCSD	WG37547-3	102	101							0
04	JAX25-SB102-03	SA1351-22	111	111J							1
05	JAX25-SB103-03	SA1351-23	109	107							0
06	WG37445-BLANK	WG37445-1RA	118	115J							1
07	WG37445-LCS	WG37445-2RA	112	112J							1
08	JAX25-SB90-03	SA1351-1RA	115	120J							1
09	JAX25-SB91-03	SA1351-2RA	109	111J							1
10	JAX25-SB92-03	SA1351-3	105	106							0
11	WG37445-BLANK	WG37445-1RA2	84	103							0
12	JAX25-SB88-03	SA1351-7	83	102							0
13	JAX25-SB90-03MS	WG37445-3	103	109							0
14	JAX25-SB94-03	SA1351-9	81	100							0
15	JAX25-SB95-01	SA1351-10	76	95							0
16	JAX25-SB90-03MSD	WG37445-4	119J	123J							2
17	JAX25-SB99-01	SA1351-14	76	93							0
18	JAX25-SB93-03	SA1351-4DL	98	103							0
19	JAX25-SB83-03	SA1351-15	70	86							0
20	JAX25-SB89-03	SA1351-8	70	86							0
21	JAX25-SB97-03	SA1351-11	63	79							0
22	JAX25-SB82-03	SA1351-18	102	105							0
23	JAX25-SB81-03	SA1351-19	103	108							0
24	JAX25-SB78-02	SA1351-20	105	105							0
25	JAX25-SB84-03	SA1351-16	105	108							0
26	JAX25-SB86-03	SA1351-5DL	108	110J							1
27	JAX25-SB87-03	SA1351-6RA	106	110J							1
28	JAX25-SB98-01	SA1351-13DL2	D	D							0

		QC LIMITS
S1	= n-Triacontane-D62	(60-118)
S2 (OTP)	= O-Terphenyl	(62-109)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

Katahdin Analytical Services 3000003

FORM 2
SOIL FL-PRO SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Level:(low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 OTP#	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	JAX25-SB96-01	SA1351-12DL2	D	D							0
02	JAX25-SB79-01	SA1351-21	95	98							0
03	JAX25-SB85-03	SA1351-17DL2	D	D							0
04											
05											
06											
07											
08											
09											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											

		QC LIMITS
S1	= n-Triacontane-D62	(60-118)
S2 (OTP)	= O-Terphenyl	(62-109)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

Katahdin Analytical Services 3000004

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG37445-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: CAD1039 Lab Sample ID: WG37445-1RA

Instrument ID: GC12 Date Extracted: 03/30/07

Matrix: (soil/water) SOIL Date Analyzed: 04/06/07

Level:(low/med) LOW Time Analyzed: 1446

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG37445-LCS	WG37445-2RA	CAD1040	04/06/07	1600
02	JAX25-SB90-03	SA1351-1RA	CAD1047	04/09/07	1803
03	JAX25-SB91-03	SA1351-2RA	CAD1048	04/09/07	1918
04	JAX25-SB92-03	SA1351-3	CAD1049	04/09/07	2034
05	JAX25-SB90-03MS	WG37445-3	CAD1052	04/10/07	0020
06	JAX25-SB90-03MSD	WG37445-4	CAD1053	04/10/07	0135
07	JAX25-SB93-03	SA1351-4DL	CAD1054	04/10/07	0250
08	JAX25-SB82-03	SA1351-18	CAD1064	04/10/07	1635
09	JAX25-SB81-03	SA1351-19	CAD1065	04/10/07	1749
10	JAX25-SB78-02	SA1351-20	CAD1066	04/10/07	1904
11	JAX25-SB84-03	SA1351-16	CAD1067	04/10/07	2020
12	JAX25-SB86-03	SA1351-5DL	CAD1069	04/10/07	2250
13	JAX25-SB87-03	SA1351-6RA	CAD1070	04/11/07	0005
14	JAX25-SB98-01	SA1351-13DL2	CAD1071	04/11/07	0121
15	JAX25-SB96-01	SA1351-12DL2	CAD1072	04/11/07	0236
16	JAX25-SB85-03	SA1351-17DL2	CAD1077	04/11/07	0916
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV SV

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG37445-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: CAD2050 Lab Sample ID: WG37445-1RA2

Instrument ID: GC12 Date Extracted: 03/30/07

Matrix: (soil/water) SOIL Date Analyzed: 04/09/07

Level:(low/med) LOW Time Analyzed: 2149

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	JAX25-SB88-03	SA1351-7	CAD2051	04/09/07	2304
02	JAX25-SB94-03	SA1351-9	CAD2052	04/10/07	0020
03	JAX25-SB95-01	SA1351-10	CAD2053	04/10/07	0135
04	JAX25-SB99-01	SA1351-14	CAD2054	04/10/07	0250
05	JAX25-SB83-03	SA1351-15	CAD2055	04/10/07	0405
06	JAX25-SB89-03	SA1351-8	CAD2056	04/10/07	0521
07	JAX25-SB97-03	SA1351-11	CAD2057	04/10/07	0636
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV SV

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG37547-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Lab File ID: CAD1029 Lab Sample ID: WG37547-1

Instrument ID: GC12 Date Extracted: 04/04/07

Matrix: (soil/water) SOIL Date Analyzed: 04/06/07

Level:(low/med) LOW Time Analyzed: 0216

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG37547-LCS	WG37547-2	CAD1030	04/06/07	0331
02	WG37547-LCSD	WG37547-3	CAD1031	04/06/07	0447
03	JAX25-SB102-03	SA1351-22	CAD1033	04/06/07	0717
04	JAX25-SB103-03	SA1351-23	CAD1034	04/06/07	0832
05	JAX25-SB79-01	SA1351-21	CAD1073	04/11/07	0351
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV SV

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 03/30/07
Analysis Date: 06-APR-2007 14:46
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 100

Lab ID: WG37445-1RA
Client ID: WG37445-Blank
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	I	9.6	1.0	20	20	2.2
	n-Triacontane-D62		118%				
	O-Terphenyl		J115%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 03/30/07
Analysis Date: 09-APR-2007 21:49
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 100

Lab ID: WG37445-1RA2
Client ID: WG37445-Blank
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	I	4.9	1.0	20	20	2.2
	n-Triacontane-D62		84%				
	O-Terphenyl		103%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 04/04/07
Analysis Date: 06-APR-2007 02:16
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 100

Lab ID: WG37547-1
Client ID: WG37547-Blank
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: HC
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	I	6.9	1.0	20	20	2.2
	n-Triacontane-D62		104%				
	O-Terphenyl		103%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 03/30/07
Analysis Date: 04/06/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37445-2RA
Client ID: WG37445-LCS
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Petroleum Range Organics	57	NA	63	111	63-153

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 04/04/07
Analysis Date: 04/06/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37547-2 & WG37547-3
Client ID: WG37547-LCS & WG37547-LCSD
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: HC
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.		%RPD	%RPD LIMIT	QC. LIMITS
Petroleum Range Organics	57	57	NA	34	56	* 60	99	*	49	25	63-153

FORM III SV-2

CAD1030.d & CAD1031.d

KATAHDIN ANALYTICAL SERVICES
MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 04/10/07
Report Date: 04/11/2007
Matrix: SOIL

Lab ID: WG37445-3 & WG37445-4
Client ID: JAX25-SB90-03MS & JAX25-SB90-03MSD
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

COMPOUND	MS SPIKE	MSD SPIKE	SAMPLE CONC.	MS CONC.	MSD CONC.	MS %REC.	MSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Petroleum Range Organics	79	79	76	200	200	158	158	0.0	25	62-204

FORM III SV-2

CAD1052.d & CAD1053.d

FORM 8
FL-PRO ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

GC Column: ZB-1 ID: 0.53 (mm) Init. Calib. Date(s): 04/05/07 04/05/07

Instrument ID: GC12

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 15.70 S2 : 22.41

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		FLPRO 50UG/M	04/05/07	1728	15.70	22.41
02		FLPRO 200 UG	04/05/07	1843	15.69	22.40
03		FLPRO 100UG/	04/05/07	1959	15.69	22.40
04		FLPRO 20UG/M	04/05/07	2114	15.69	22.39
05		FLPRO 5UG/ML	04/05/07	2229	15.69	22.39
06	WG37547-BLAN	WG37547-1	04/06/07	0216	15.69	22.40
07	WG37547-LCS	WG37547-2	04/06/07	0331	15.70	22.40
08	WG37547-LCSD	WG37547-3	04/06/07	0447	15.70	22.40
09	JAX25-SB102-	SA1351-22	04/06/07	0717	15.70	22.40
10	JAX25-SB103-	SA1351-23	04/06/07	0832	15.70	22.40
11		FLPRO 50UG/M	04/06/07	1331	15.70	22.41
12	WG37445-BLAN	WG37445-1RA	04/06/07	1446	15.70	22.41
13	WG37445-LCS	WG37445-2RA	04/06/07	1600	15.70	22.41
14		FLPRO 50UG/M	04/09/07	1527	15.72	22.44
15		FLPRO IND50U	04/09/07	1648	15.71	22.42
16	JAX25-SB90-0	SA1351-1RA	04/09/07	1803	15.69	22.25
17	JAX25-SB91-0	SA1351-2RA	04/09/07	1918	15.68	22.39
18	JAX25-SB92-0	SA1351-3	04/09/07	2034	15.61	22.39
19	JAX25-SB90-0	WG37445-3	04/10/07	0020	15.69	22.25
20	JAX25-SB90-0	WG37445-4	04/10/07	0135	15.69	22.24

QC LIMITS

S1 = O-Terphenyl (+/- 0.31 MINUTES)
S2 = n-Triacontane-D62 (+/- 0.45 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
FL-PRO ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

GC Column: ZB-1 ID: 0.53 (mm) Init. Calib. Date(s): 04/05/07 04/05/07

Instrument ID: GC12

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 15.70 S2 : 22.41

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01	JAX25-SB93-0	SA1351-4DL	04/10/07	0250	15.69	22.24
02		FLPRO 50UG/M	04/10/07	0904	15.70	22.40
03		FLPRO 50UG/M	04/10/07	1514	15.70	22.40
04	JAX25-SB82-0	SA1351-18	04/10/07	1635	15.69	22.40
05	JAX25-SB81-0	SA1351-19	04/10/07	1749	15.69	22.40
06	JAX25-SB78-0	SA1351-20	04/10/07	1904	15.69	22.39
07	JAX25-SB84-0	SA1351-16	04/10/07	2020	15.68	22.38
08	JAX25-SB86-0	SA1351-5DL	04/10/07	2250	15.69	22.39
09	JAX25-SB87-0	SA1351-6RA	04/11/07	0005	15.69	22.39
10	JAX25-SB98-0	SA1351-13DL2	04/11/07	0121		
11	JAX25-SB96-0	SA1351-12DL2	04/11/07	0236		
12	JAX25-SB79-0	SA1351-21	04/11/07	0351	15.69	22.39
13		FLPRO 50UG/M	04/11/07	0735	15.69	22.39
14	JAX25-SB85-0	SA1351-17DL2	04/11/07	0916		
15		FLPRO 50UG/M	04/11/07	1030	15.70	22.40
16						
17						
18						
19						
20						

		QC LIMITS
S1	= O-Terphenyl	(+/- 0.31 MINUTES)
S2	= n-Triacontane-D62	(+/- 0.45 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
FL-PRO ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

GC Column: ZB-1 ID: 0.53 (mm) Init. Calib. Date(s): 04/09/07 04/09/07

Instrument ID: GC12

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 15.43 S2 : 22.29

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		FLPRO 50UG/M	04/09/07	1332	15.40	22.24
02		FLPRO 200UG/	04/09/07	1527	15.40	22.24
03		FLPRO 100UG/	04/09/07	1648	15.40	22.24
04		FLPRO 20UG/M	04/09/07	1803	15.39	22.24
05		FLPRO 5UG/ML	04/09/07	1918	15.39	22.23
06		FLPRO IND50	04/09/07	2034	15.39	22.23
07	WG37445-BLAN	WG37445-1RA2	04/09/07	2149	15.39	22.24
08	JAX25-SB88-0	SA1351-7	04/09/07	2304	15.39	22.24
09	JAX25-SB94-0	SA1351-9	04/10/07	0020	15.39	22.08
10	JAX25-SB95-0	SA1351-10	04/10/07	0135	15.39	22.24
11	JAX25-SB99-0	SA1351-14	04/10/07	0250	15.39	22.24
12	JAX25-SB83-0	SA1351-15	04/10/07	0405	15.39	22.24
13	JAX25-SB89-0	SA1351-8	04/10/07	0521	15.39	22.23
14	JAX25-SB97-0	SA1351-11	04/10/07	0636	15.39	22.24
15		FLPRO 50UG/M	04/10/07	1043	15.40	22.24
16						
17						
18						
19						
20						

		QC LIMITS
S1	= O-Terphenyl	(+/- 0.31 MINUTES)
S2	= n-Triacontane-D62	(+/- 0.45 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

Sample Data Section

ORGANICS DATA QUALIFIERS

U	Indicates the compound was analyzed for but not detected above the laboratory Practical Quantitation Limit.
*	Compound recovery outside of quality control limits.
D	Indicates the result was obtained from analysis of a diluted sample. Surrogate recoveries may not be calculable.
E	Estimated value. This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis.
J	Estimated value. The analyte was detected in the sample at a concentration less than the laboratory Practical Quantitation Limit (PQL), but above the Method Detection Limit (MDL).
B	Indicates the analyte was detected in the laboratory method blank analyzed concurrently with the sample.
N	Presumptive evidence of a compound based on a mass spectral library search.
A	Indicates that a tentatively identified compound is a suspected aldol-condensation product.
P	Used for Pesticide/Aroclor analyte when there is a greater than 25% difference for detected concentrations between the two GC columns.

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 09-APR-2007 18:03
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 72.0

Lab ID: SA1351-1RA
Client ID: JAX25-SB90-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	76	1.0	20	28	3.1
	n-Triacontane-D62		115%				
	O-Terphenyl		J120%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 09-APR-2007 19:18
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.3

Lab ID: SA1351-2RA
Client ID: JAX25-SB91-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	51	1.0	20	23	2.5
	n-Triacontane-D62		109%				
	O-Terphenyl		J111%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 09-APR-2007 20:34
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 83.1

Lab ID: SA1351-3
Client ID: JAX25-SB92-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	66	1.0	20	24	2.7
	n-Triacontane-D62		105%				
	O-Terphenyl		106%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 02:50
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 89.6

Lab ID: SA1351-4DL
Client ID: JAX25-SB93-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	190	2.0	20	45	5.0
	n-Triacontane-D62		98%				
	O-Terphenyl		103%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 22:50
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 79.7

Lab ID: SA1351-5DL
Client ID: JAX25-SB86-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	300	2.0	20	50	5.6
	n-Triacontane-D62		108%				
	O-Terphenyl		J110%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 11-APR-2007 00:05
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.0

Lab ID: SA1351-6RA
Client ID: JAX25-SB87-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	82	1.0	20	22	2.4
	n-Triacontane-D62		106%				
	O-Terphenyl		J110%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 09-APR-2007 23:04
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.5

Lab ID: SA1351-7
Client ID: JAX25-SB88-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IV	13	1.0	20	22	2.4
	n-Triacontane-D62		83%				
	O-Terphenyl		102%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 05:21
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 93.2

Lab ID: SA1351-8
Client ID: JAX25-SB89-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IV	17	1.0	20	21	2.4
	n-Triacontane-D62		70%				
	O-Terphenyl		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 00:20
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 89.5

Lab ID: SA1351-9
Client ID: JAX25-SB94-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	26	1.0	20	22	2.5
	n-Triacontane-D62		81%				
	O-Terphenyl		100%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 01:35
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.9

Lab ID: SA1351-10
Client ID: JAX25-SB95-01
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	49	1.0	20	22	2.4
	n-Triacontane-D62		76%				
	O-Terphenyl		95%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 06:36
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 83.4

Lab ID: SA1351-11
Client ID: JAX25-SB97-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	180	1.0	20	24	2.7
	n-Triacontane-D62		63%				
	O-Terphenyl		79%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 11-APR-2007 02:36
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 91.9

Lab ID: SA1351-12DL2
Client ID: JAX25-SB96-01
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	3700	30	20	650	73
	n-Triacontane-D62		D				
	O-Terphenyl		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 11-APR-2007 01:21
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 76.0

Lab ID: SA1351-13DL2
Client ID: JAX25-SB98-01
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	1100	10	20	260	29
	n-Triacontane-D62		D				
	O-Terphenyl		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 02:50
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 94.0

Lab ID: SA1351-14
Client ID: JAX25-SB99-01
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	25	1.0	20	21	2.4
	n-Triacontane-D62		76%				
	O-Terphenyl		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 04:05
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 72.9

Lab ID: SA1351-15
Client ID: JAX25-SB83-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IV	15	1.0	20	27	3.0
	n-Triacontane-D62		70%				
	O-Terphenyl		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 20:20
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.5

Lab ID: SA1351-16
Client ID: JAX25-SB84-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IV	9.1	1.0	20	22	2.5
	n-Triacontane-D62		105%				
	O-Terphenyl		108%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 11-APR-2007 09:16
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 93.6

Lab ID: SA1351-17DL2
Client ID: JAX25-SB85-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	12000	100	20	2100	240
	n-Triacontane-D62		D				
	O-Terphenyl		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 16:35
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.8

Lab ID: SA1351-18
Client ID: JAX25-SB82-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	30	1.0	20	22	2.5
	n-Triacontane-D62		102%				
	O-Terphenyl		105%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 17:49
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.9

Lab ID: SA1351-19
Client ID: JAX25-SB81-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	98	1.0	20	22	2.4
	n-Triacontane-D62		103%				
	O-Terphenyl		108%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 19:04
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.7

Lab ID: SA1351-20
Client ID: JAX25-SB78-02
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	26	1.0	20	22	2.5
	n-Triacontane-D62		105%				
	O-Terphenyl		105%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/04/07
Analysis Date: 11-APR-2007 03:51
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 93.3

Lab ID: SA1351-21
Client ID: JAX25-SB79-01
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	JV	110	1.0	20	21	2.4
	n-Triacontane-D62		95%				
	O-Terphenyl		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/04/07
Analysis Date: 06-APR-2007 07:17
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 89.6

Lab ID: SA1351-22
Client ID: JAX25-SB102-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: HC
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IJV	13	1.0	20	22	2.5
	n-Triacontane-D62		111%				
	O-Terphenyl		J111%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/04/07
Analysis Date: 06-APR-2007 08:32
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.4

Lab ID: SA1351-23
Client ID: JAX25-SB103-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: HC
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IJV	7.3	1.0	20	22	2.4
	n-Triacontane-D62		109%				
	O-Terphenyl		107%				

Standards Data Section

FORM 6
FL-PRO INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GC12 Calibration Date(s): 04/05/07 04/05/07

Column: ZB-1 ID: 0.53 (mm) Calibration Time(s): 1728 2229

LAB FILE ID: RF5: CAD1026 RF20: CAD1025 RF50: CAD1022
RF100: CAD1024 RF200: CAD1023

COMPOUND	RF5	RF20	RF50	RF100	RF200	CURVE	COEFFICENTS A0	COEFFICENTS A1	%RSD OR R^2	MAX %RSD OR R^2
C-24	25888	95134	259750	621850	1162600	LINR	1.64311632	1.686e-004	0.99737	0.99000
C-8	68785	142860	305690	618330	1167400	LINR	-4.0467482	1.734e-004	0.99868	0.99000
C-10	22837	95968	257890	599100	1131400	LINR	1.48710297	1.737e-004	0.99816	0.99000
C-12	24231	95356	258360	608550	1142500	LINR	1.53293005	1.718e-004	0.99777	0.99000
C-14	25245	94459	257280	613570	1152100	LINR	1.68813751	1.703e-004	0.99757	0.99000
C-16	25073	94583	258720	620500	1163800	LINR	1.77954097	1.685e-004	0.99744	0.99000
C-18	25034	94392	258660	621870	1165900	LINR	1.81690821	1.681e-004	0.99739	0.99000
C-28	28545	96084	261080	621950	1156100	LINR	1.30767034	1.697e-004	0.99725	0.99000
C-20	25536	98504	259380	622240	1164300	LINR	1.55128139	1.685e-004	0.99745	0.99000
C-22	25802	96239	262170	629040	1178200	LINR	1.72213973	1.664e-004	0.99740	0.99000
FL-PRO peaks C8-C40	472800	1672100	4431400	1.e+007	2e+007	LINR	19.2693919	1.718e-004	0.99772	0.99000
C-26	25738	95668	260580	620920	1155100	LINR	1.47051699	1.697e-004	0.99730	0.99000
C-38	23531	91791	245730	569570	1063800	LINR	1.10495802	1.847e-004	0.99786	0.99000
C-40	22142	91752	241560	560980	1055400	LINR	1.26840575	1.863e-004	0.99809	0.99000
C-30	27123	97230	261700	623950	1160400	LINR	1.36027642	1.69e-004	0.99729	0.99000
C-32	25969	97282	260080	622390	1154300	LINR	1.37465144	1.698e-004	0.99717	0.99000
C-34	26440	99633	267430	634160	1174100	LINR	1.23109284	1.67e-004	0.99724	0.99000
C-36	24879	95171	255350	595100	1102400	LINR	0.99828701	1.78e-004	0.99750	0.99000
O-Terphenyl	4962.60	5275.40	5587.80	6177.90	6081.90	AVRG		5617.11600	9.235	40.000
n-Triacontane-D62	4447.00	4275.70	4646.20	5276.00	5255.20	AVRG		4780.02933	9.672	40.000

FORM VI FL-PRO

Report Date : 11-Apr-2007 12:47

Katahdin Analytical Services

INITIAL CALIBRATION DATA

Start Cal Date : 05-APR-2007 17:28
End Cal Date : 05-APR-2007 22:29
Quant Method : ESTD
Origin : Included
Target Version : 4.12
Integrator : HP Genie
Method file : \\Target_server\GG\chem\gc12.i\GC12AD05A1.b\flpa012a.m
Cal Date : 09-Apr-2007 11:40 trollins

Calibration File Names:
Level 1: \\Target_server\GG\chem\gc12.i\GC12AD05A1.b\CAD1026.d
Level 2: \\Target_server\GG\chem\gc12.i\GC12AD05A1.b\CAD1025.d
Level 3: \\Target_server\GG\chem\gc12.i\GC12AD05A1.b\CAD1022.d
Level 4: \\Target_server\GG\chem\gc12.i\GC12AD05A1.b\CAD1024.d
Level 5: \\Target_server\GG\chem\gc12.i\GC12AD05A1.b\CAD1023.d

Compound	5.0000 Level 1	20.0000 Level 2	50.0000 Level 3	100.0000 Level 4	200.0000 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
M 1 FL-PRO peaks C8-C40	472805	1672118	4431396	10404072	19450108	LINR	19.26939	5820		0.99772
2 C-8	68785	142864	305686	618328	1167454	LINR	-4.04675	5768		0.99868
3 C-10	22837	95968	257888	599101	1131451	LINR	1.48710	5756		0.99816
4 C-12	24231	95356	258357	608550	1142469	LINR	1.53293	5820		0.99777
5 C-14	25245	94459	257284	613568	1152106	LINR	1.68814	5872		0.99757
6 C-16	25073	94583	258718	620502	1163778	LINR	1.77954	5936		0.99744
7 Petroleum Range Organics	472805	1672118	4431396	10404072	19450108	LINR	19.26939	5820		0.99772
8 C-18	25034	94392	258659	621870	1165947	LINR	1.81691	5949		0.99739
10 C-20	25536	98504	259380	622241	1164302	LINR	1.55128	5934		0.99745
11 C-22	25802	96239	262173	629037	1178258	LINR	1.72214	6010		0.99740
12 C-24	25888	95134	259747	621848	1162553	LINR	1.64312	5930		0.99737
13 C-26	25738	95668	260576	620917	1155130	LINR	1.47052	5893		0.99730
14 C-28	28545	96084	261079	621953	1156148	LINR	1.30767	5893		0.99725
16 C-30	27123	97230	261696	623951	1160406	LINR	1.36028	5917		0.99729
17 C-32	25969	97282	260084	622391	1154311	LINR	1.37465	5890		0.99717

Katahdin Analytical Services 3000044

Report Date : 11-Apr-2007 12:47

Katahdin Analytical Services

INITIAL CALIBRATION DATA

Start Cal Date : 05-APR-2007 17:28
End Cal Date : 05-APR-2007 22:29
Quant Method : ESTD
Origin : Included
Target Version : 4.12
Integrator : HP Genie
Method file : \\Target_server\GG\chem\gc12.i\GC12AD05A1.b\flpa012a.m
Cal Date : 09-Apr-2007 11:40 trollins

Compound	5.0000 Level 1	20.0000 Level 2	50.0000 Level 3	100.0000 Level 4	200.0000 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
18 C-34	26440	99633	267429	634162	1174105	LINR	1.23109	5989		0.99724
19 C-36	24879	95171	255348	595096	1102428	LINR	0.99829	5618		0.99750
20 C-38	23531	91791	245726	569568	1063858	LINR	1.10496	5414		0.99786
21 C-40	22142	91752	241558	560980	1055396	LINR	1.26841	5367		0.99809
$ 9 O-Terphenyl	4963	5275	5588	6178	6082	AVRG		5617		9.23536
$ 15 n-Triacontane-D62	4447	4276	4646	5276	5255	AVRG		4780		9.67178

Report Date : 11-Apr-2007 12:47

Katahdin Analytical Services

INITIAL CALIBRATION DATA

Start Cal Date : 05-APR-2007 17:28
End Cal Date : 05-APR-2007 22:29
Quant Method : ESTD
Origin : Included
Target Version : 4.12
Integrator : HP Genie
Method file : \\Target_server\GG\chem\gc12.i\GC12AD05A1.b\flpa012a.m
Cal Date : 09-Apr-2007 11:40 trollins

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + Rsp/m1	Response

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GC12 Calibration Date: 04/09/07 Time: 1648

Lab File ID: CAD1046 Init. Calib. Date(s): 04/05/07 04/05/07

Init. Calib. Times: 1728 2229

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	51.108000	50.000000	5866.3000	0.01	2.22	25.00	LINR
C-8	50.262000	50.000000	6265.2000	0.01	0.52	25.00	LINR
C-10	50.121000	50.000000	5599.0000	0.01	0.24	25.00	LINR
C-12	50.017000	50.000000	5643.5000	0.01	0.03	25.00	LINR
C-14	49.921000	50.000000	5664.8000	0.01	-0.16	25.00	LINR
C-16	49.949000	50.000000	5718.8000	0.01	-0.10	25.00	LINR
C-18	50.222000	50.000000	5758.9000	0.01	0.44	25.00	LINR
C-28	50.503000	50.000000	5798.6000	0.01	1.01	25.00	LINR
C-20	50.182000	50.000000	5771.3000	0.01	0.36	25.00	LINR
C-22	49.953000	50.000000	5797.0000	0.01	-0.09	25.00	LINR
FL-PRO peaks C8-C40	830.77000	850.00000	5566.8000	0.01	-2.26	25.00	LINR
C-26	50.402000	50.000000	5767.4000	0.01	0.80	25.00	LINR
C-38	42.156000	50.000000	4445.2000	0.01	-15.69	25.00	LINR
C-40	39.361000	50.000000	4089.0000	0.01	-21.28	25.00	LINR
C-30	50.800000	50.000000	5850.2000	0.01	1.60	25.00	LINR
C-32	49.826000	50.000000	5707.3000	0.01	-0.35	25.00	LINR
C-34	49.694000	50.000000	5805.2000	0.01	-0.61	25.00	LINR
C-36	46.290000	50.000000	5088.6000	0.01	-7.42	25.00	LINR
O-Terphenyl	5617.1000	6269.9000	6269.9000	0.01	11.62	25.00	AVRG
n-Triacontane-D62	4780.0000	5018.4000	5018.4000	0.01	4.99	25.00	AVRG

FORM VII PEST

FORM 6
FL-PRO INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GC12 Calibration Date(s): 04/09/07 04/09/07

Column: ZB-1 ID: 0.53 (mm) Calibration Time(s): 1332 1918

LAB FILE ID: RF5: CAD2048 RF20: CAD2047 RF50: CAD2044
RF100: CAD2046 RF200: CAD2045

COMPOUND	RF5	RF20	RF50	RF100	RF200	CURVE	COEFFICENTS A0	A1	%RSD OR R^2	MAX %RSD OR R^2
C-24	31533	116770	303750	649440	1230600	LINR	-7.6e-002	1.61e-004	0.99909	0.99000
C-8	37598	121410	304390	637170	1202300	LINR	-0.9959424	1.654e-004	0.99911	0.99000
C-10	30361	115370	300900	639180	1211000	LINR	-0.1293806	1.636e-004	0.99911	0.99000
C-12	30271	115600	301970	639360	1214100	LINR	-0.1131690	1.632e-004	0.99918	0.99000
C-14	30208	116090	303250	641750	1218100	LINR	-0.1219017	1.627e-004	0.99917	0.99000
C-16	30970	116840	304720	648000	1226900	LINR	-0.1379281	1.615e-004	0.99909	0.99000
C-18	31671	117000	305050	649940	1230900	LINR	-0.1343472	1.61e-004	0.99909	0.99000
C-28	32289	118560	306330	655390	1250600	LINR	4.201e-002	1.586e-004	0.99926	0.99000
C-20	31841	116840	305310	651120	1238400	LINR	-1.56e-002	1.601e-004	0.99919	0.99000
C-22	31984	118210	308730	656060	1241900	LINR	-0.1747886	1.595e-004	0.99909	0.99000
FL-PRO peaks C8-C40	663370	1951900	4987000	1e+007	2e+007	LINR	-3.7069763	1.637e-004	0.99899	0.99000
C-26	32148	118290	307060	655280	1252100	LINR	6.518e-002	1.584e-004	0.99930	0.99000
C-38	75133	103380	245520	589860	1121900	LINR	-0.9840133	1.783e-004	0.99550	0.99000
C-40	70699	80009	192070	535900	1043500	LINR	1.59961720	1.901e-004	0.99095	0.99000
C-30	33909	121130	308120	659400	1248000	LINR	-0.2888441	1.589e-004	0.99908	0.99000
C-32	33982	119570	303950	655310	1239400	LINR	-0.2120899	1.6e-004	0.99902	0.99000
C-34	41666	122190	305830	669180	1266500	LINR	-0.3676708	1.568e-004	0.99889	0.99000
C-36	57105	114650	280060	628330	1189600	LINR	-0.9509618	1.677e-004	0.99815	0.99000
O-Terphenyl	6754.40	6767.20	6695.00	7158.60	6612.80	AVRG		6797.60000	3.101	40.000
n-Triacontane-D62	5688.60	5429.40	6362.90	7971.60	9828.20	AVRG		7056.15600	26.054	40.000

FORM VI FL-PRO

Report Date : 11-Apr-2007 12:48

Katahdin Analytical Services

INITIAL CALIBRATION DATA

Start Cal Date : 09-APR-2007 13:32
End Cal Date : 09-APR-2007 19:18
Quant Method : ESTD
Origin : Included
Target Version : 4.12
Integrator : HP Genie
Method file : \\Target_server\GG\chem\gc12.i\GC12AD09B1.b\flpb012A.m
Cal Date : 10-Apr-2007 13:35 trollins

Calibration File Names:
Level 1: \\Target_server\GG\chem\gc12.i\GC12AD09B1.b\CAD2048.d
Level 2: \\Target_server\GG\chem\gc12.i\GC12AD09B1.b\CAD2047.d
Level 3: \\Target_server\GG\chem\gc12.i\GC12AD09B1.b\CAD2044.d
Level 4: \\Target_server\GG\chem\gc12.i\GC12AD09B1.b\CAD2046.d
Level 5: \\Target_server\GG\chem\gc12.i\GC12AD09B1.b\CAD2045.d

Compound	5.0000 Level 1	20.0000 Level 2	50.0000 Level 3	100.0000 Level 4	200.0000 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
M 1 FL-PRO peaks C8-C40	663368	1951915	4987004	10860667	20625881	LINR	-3.70698	6110		0.99899
2 C-8	37598	121409	304386	637173	1202300	LINR	-0.99594	6045		0.99911
3 C-10	30361	115370	300900	639178	1211021	LINR	-0.12938	6112		0.99911
4 C-12	30271	115604	301973	639360	1214076	LINR	-0.11317	6126		0.99918
5 C-14	30208	116091	303251	641754	1218097	LINR	-0.12190	6146		0.99917
6 C-16	30970	116839	304715	647997	1226906	LINR	-0.13793	6193		0.99909
7 Petroleum Range Organics	663368	1951915	4987004	10860667	20625881	LINR	-3.70698	6110		0.99899
8 C-18	31671	117000	305052	649941	1230881	LINR	-0.13435	6212		0.99909
10 C-20	31841	116838	305314	651115	1238372	LINR	-0.01558	6248		0.99919
11 C-22	31984	118214	308728	656060	1241949	LINR	-0.17479	6268		0.99909
12 C-24	31533	116769	303748	649438	1230625	LINR	-0.07595	6211		0.99909
13 C-26	32148	118290	307060	655276	1252089	LINR	0.06518	6313		0.99930
14 C-28	32289	118559	306327	655390	1250622	LINR	0.04201	6306		0.99926
16 C-30	33909	121128	308118	659396	1247975	LINR	-0.28884	6292		0.99908
17 C-32	33982	119569	303952	655314	1239394	LINR	-0.21209	6251		0.99902

Katahdin Analytical Services 3000049

Report Date : 11-Apr-2007 12:48

Katahdin Analytical Services

INITIAL CALIBRATION DATA

Start Cal Date : 09-APR-2007 13:32
End Cal Date : 09-APR-2007 19:18
Quant Method : ESTD
Origin : Included
Target Version : 4.12
Integrator : HP Genie
Method file : \\Target_server\GG\chem\gc12.i\GC12AD09B1.b\flpb012A.m
Cal Date : 10-Apr-2007 13:35 trollins

Compound	5.0000 Level 1	20.0000 Level 2	50.0000 Level 3	100.0000 Level 4	200.0000 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
18 C-34	41666	122192	305832	669183	1266523	LINR	-0.36767	6377		0.99889
19 C-36	57105	114654	280062	628330	1189647	LINR	-0.95096	5962		0.99815
20 C-38	75133	103380	245520	589862	1121875	LINR	-0.98401	5607		0.99550
21 C-40	70699	80009	192066	535900	1043529	LINR	1.59962	5261		0.99095
$ 9 O-Terphenyl	6754	6767	6695	7159	6613	AVRG		6798		3.10142
$ 15 n-Triacontane-D62	5689	5429	6363	7972	9828	AVRG		7056		26.05423

Katahdin Analytical Services 3000050

Report Date : 11-Apr-2007 12:48

Katahdin Analytical Services

INITIAL CALIBRATION DATA

Start Cal Date : 09-APR-2007 13:32
End Cal Date : 09-APR-2007 19:18
Quant Method : ESTD
Origin : Included
Target Version : 4.12
Integrator : HP Genie
Method file : \\Target_server\GG\chem\gc12.i\GC12AD09B1.b\flpb012A.m
Cal Date : 10-Apr-2007 13:35 trollins

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + Rsp/m1	Response

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GC12 Calibration Date: 04/09/07 Time: 2034

Lab File ID: CAD2049 Init. Calib. Date(s): 04/09/07 04/09/07

Init. Calib. Times: 1332 1918

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	46.386000	50.000000	5772.0000	0.01	-7.23	25.00	LINR
C-8	49.552000	50.000000	6110.9000	0.01	-0.90	25.00	LINR
C-10	50.030000	50.000000	6131.8000	0.01	0.06	25.00	LINR
C-12	49.991000	50.000000	6138.5000	0.01	-0.02	25.00	LINR
C-14	50.271000	50.000000	6194.8000	0.01	0.54	25.00	LINR
C-16	49.932000	50.000000	6201.4000	0.01	-0.14	25.00	LINR
C-18	49.716000	50.000000	6193.5000	0.01	-0.57	25.00	LINR
C-28	49.789000	50.000000	6274.2000	0.01	-0.42	25.00	LINR
C-20	49.313000	50.000000	6163.8000	0.01	-1.37	25.00	LINR
C-22	49.340000	50.000000	6206.8000	0.01	-1.32	25.00	LINR
FL-PRO peaks C8-C40	838.40000	850.00000	6055.1000	0.01	-1.36	25.00	LINR
C-26	49.807000	50.000000	6280.2000	0.01	-0.39	25.00	LINR
C-38	48.543000	50.000000	5554.1000	0.01	-2.91	25.00	LINR
C-40	47.693000	50.000000	4849.5000	0.01	-4.61	25.00	LINR
C-30	49.911000	50.000000	6317.5000	0.01	-0.18	25.00	LINR
C-32	49.938000	50.000000	6270.1000	0.01	-0.12	25.00	LINR
C-34	49.394000	50.000000	6346.4000	0.01	-1.21	25.00	LINR
C-36	48.796000	50.000000	5931.9000	0.01	-2.41	25.00	LINR
O-Terphenyl	6797.6000	6805.9000	6805.9000	0.01	0.12	25.00	AVRG
n-Triacontane-D62	7056.1000	5456.5000	5456.5000	0.01	-22.67	25.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GC12 Calibration Date: 04/06/07 Time: 1331

Lab File ID: CAD1038 Init. Calib. Date(s): 04/05/07 04/05/07

Init. Calib. Times: 1728 2229

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	50.584000	50.000000	5804.1000	0.01	1.17	25.00	LINR
C-8	52.366000	50.000000	6508.0000	0.01	4.73	25.00	LINR
C-10	50.776000	50.000000	5674.4000	0.01	1.55	25.00	LINR
C-12	50.581000	50.000000	5709.2000	0.01	1.16	25.00	LINR
C-14	50.632000	50.000000	5748.4000	0.01	1.26	25.00	LINR
C-16	50.698000	50.000000	5807.7000	0.01	1.40	25.00	LINR
C-18	50.616000	50.000000	5805.8000	0.01	1.23	25.00	LINR
C-28	50.996000	50.000000	5856.7000	0.01	1.99	25.00	LINR
C-20	50.620000	50.000000	5823.4000	0.01	1.24	25.00	LINR
C-22	50.643000	50.000000	5879.9000	0.01	1.29	25.00	LINR
FL-PRO peaks C8-C40	872.25000	850.00000	5837.0000	0.01	2.62	25.00	LINR
C-26	51.000000	50.000000	5837.9000	0.01	2.00	25.00	LINR
C-38	53.442000	50.000000	5667.4000	0.01	6.88	25.00	LINR
C-40	53.801000	50.000000	5639.0000	0.01	7.60	25.00	LINR
C-30	50.965000	50.000000	5869.8000	0.01	1.93	25.00	LINR
C-32	50.750000	50.000000	5816.1000	0.01	1.50	25.00	LINR
C-34	51.309000	50.000000	5998.7000	0.01	2.62	25.00	LINR
C-36	52.468000	50.000000	5782.6000	0.01	4.94	25.00	LINR
O-Terphenyl	5617.1000	6148.1000	6148.1000	0.01	9.45	25.00	AVRG
n-Triacontane-D62	4780.0000	5180.6000	5180.6000	0.01	8.38	25.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GC12 Calibration Date: 04/09/07 Time: 1527

Lab File ID: CAD1045 Init. Calib. Date(s): 04/05/07 04/05/07

Init. Calib. Times: 1728 2229

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	50.004000	50.000000	5735.3000	0.01	0.01	25.00	LINR
C-8	53.038000	50.000000	6585.4000	0.01	6.08	25.00	LINR
C-10	49.465000	50.000000	5523.5000	0.01	-1.07	25.00	LINR
C-12	49.145000	50.000000	5542.1000	0.01	-1.71	25.00	LINR
C-14	49.044000	50.000000	5561.8000	0.01	-1.91	25.00	LINR
C-16	49.357000	50.000000	5648.4000	0.01	-1.29	25.00	LINR
C-18	49.197000	50.000000	5636.9000	0.01	-1.61	25.00	LINR
C-28	49.854000	50.000000	5722.1000	0.01	-0.29	25.00	LINR
C-20	49.451000	50.000000	5684.6000	0.01	-1.10	25.00	LINR
C-22	49.367000	50.000000	5726.5000	0.01	-1.27	25.00	LINR
FL-PRO peaks C8-C40	837.43000	850.00000	5608.6000	0.01	-1.48	25.00	LINR
C-26	50.224000	50.000000	5746.5000	0.01	0.45	25.00	LINR
C-38	45.500000	50.000000	4807.4000	0.01	-9.00	25.00	LINR
C-40	41.658000	50.000000	4335.5000	0.01	-16.68	25.00	LINR
C-30	50.018000	50.000000	5757.7000	0.01	0.04	25.00	LINR
C-32	50.378000	50.000000	5772.3000	0.01	0.76	25.00	LINR
C-34	52.369000	50.000000	6125.7000	0.01	4.74	25.00	LINR
C-36	49.360000	50.000000	5433.5000	0.01	-1.28	25.00	LINR
O-Terphenyl	5617.1000	6182.8000	6182.8000	0.01	10.07	25.00	AVRG
n-Triacontane-D62	4780.0000	4907.4000	4907.4000	0.01	2.66	25.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GC12 Calibration Date: 04/10/07 Time: 0904

Lab File ID: CAD1059 Init. Calib. Date(s): 04/05/07 04/05/07

Init. Calib. Times: 1728 2229

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	44.410000	50.000000	5071.8000	0.01	-11.18	25.00	LINR
C-8	41.867000	50.000000	5296.8000	0.01	-16.27	25.00	LINR
C-10	44.450000	50.000000	4946.1000	0.01	-11.10	25.00	LINR
C-12	44.126000	50.000000	4957.8000	0.01	-11.75	25.00	LINR
C-14	44.073000	50.000000	4978.0000	0.01	-11.85	25.00	LINR
C-16	44.133000	50.000000	5028.3000	0.01	-11.73	25.00	LINR
C-18	44.049000	50.000000	5024.5000	0.01	-11.90	25.00	LINR
C-28	45.170000	50.000000	5170.1000	0.01	-9.66	25.00	LINR
C-20	44.390000	50.000000	5084.0000	0.01	-11.22	25.00	LINR
C-22	44.354000	50.000000	5124.0000	0.01	-11.29	25.00	LINR
FL-PRO peaks C8-C40	751.02000	850.00000	5010.9000	0.01	-11.64	25.00	LINR
C-26	45.242000	50.000000	5159.2000	0.01	-9.52	25.00	LINR
C-38	43.287000	50.000000	4567.7000	0.01	-13.43	25.00	LINR
C-40	44.290000	50.000000	4618.0000	0.01	-11.42	25.00	LINR
C-30	44.686000	50.000000	5126.7000	0.01	-10.63	25.00	LINR
C-32	44.578000	50.000000	5089.1000	0.01	-10.84	25.00	LINR
C-34	43.688000	50.000000	5085.7000	0.01	-12.62	25.00	LINR
C-36	44.228000	50.000000	4856.9000	0.01	-11.54	25.00	LINR
O-Terphenyl	5617.1000	5307.7000	5307.7000	0.01	-5.51	25.00	AVRG
n-Triacontane-D62	4780.0000	4408.4000	4408.4000	0.01	-7.77	25.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GC12 Calibration Date: 04/10/07 Time: 1514

Lab File ID: CAD1063 Init. Calib. Date(s): 04/05/07 04/05/07

Init. Calib. Times: 1728 2229

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	43.211000	50.000000	4929.7000	0.01	-13.58	25.00	LINR
C-8	46.267000	50.000000	5804.3000	0.01	-7.47	25.00	LINR
C-10	45.599000	50.000000	5078.4000	0.01	-8.80	25.00	LINR
C-12	45.591000	50.000000	5128.4000	0.01	-8.82	25.00	LINR
C-14	45.634000	50.000000	5161.3000	0.01	-8.73	25.00	LINR
C-16	45.595000	50.000000	5201.8000	0.01	-8.81	25.00	LINR
C-18	45.407000	50.000000	5186.1000	0.01	-9.19	25.00	LINR
C-28	46.189000	50.000000	5290.2000	0.01	-7.62	25.00	LINR
C-20	45.347000	50.000000	5197.6000	0.01	-9.31	25.00	LINR
C-22	45.537000	50.000000	5266.2000	0.01	-8.93	25.00	LINR
FL-PRO peaks C8-C40	773.25000	850.00000	5162.7000	0.01	-9.03	25.00	LINR
C-26	45.983000	50.000000	5246.6000	0.01	-8.03	25.00	LINR
C-38	45.241000	50.000000	4779.3000	0.01	-9.52	25.00	LINR
C-40	44.910000	50.000000	4684.6000	0.01	-10.18	25.00	LINR
C-30	46.060000	50.000000	5289.3000	0.01	-7.88	25.00	LINR
C-32	45.873000	50.000000	5241.6000	0.01	-8.25	25.00	LINR
C-34	45.470000	50.000000	5299.2000	0.01	-9.06	25.00	LINR
C-36	45.341000	50.000000	4981.9000	0.01	-9.32	25.00	LINR
O-Terphenyl	5617.1000	5676.4000	5676.4000	0.01	1.06	25.00	AVRG
n-Triacontane-D62	4780.0000	4572.0000	4572.0000	0.01	-4.35	25.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GC12 Calibration Date: 04/11/07 Time: 0735

Lab File ID: CAD1076 Init. Calib. Date(s): 04/05/07 04/05/07

Init. Calib. Times: 1728 2229

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	47.618000	50.000000	5452.3000	0.01	-4.76	25.00	LINR
C-8	47.288000	50.000000	5922.1000	0.01	-5.42	25.00	LINR
C-10	47.293000	50.000000	5273.5000	0.01	-5.41	25.00	LINR
C-12	47.111000	50.000000	5305.2000	0.01	-5.78	25.00	LINR
C-14	47.029000	50.000000	5325.2000	0.01	-5.94	25.00	LINR
C-16	47.086000	50.000000	5378.9000	0.01	-5.83	25.00	LINR
C-18	46.980000	50.000000	5373.2000	0.01	-6.04	25.00	LINR
C-28	48.115000	50.000000	5517.1000	0.01	-3.77	25.00	LINR
C-20	46.816000	50.000000	5371.9000	0.01	-6.37	25.00	LINR
C-22	42.300000	50.000000	4877.1000	0.01	-15.40	25.00	LINR
FL-PRO peaks C8-C40	797.36000	850.00000	5327.2000	0.01	-6.19	25.00	LINR
C-26	47.339000	50.000000	5406.5000	0.01	-5.32	25.00	LINR
C-38	46.671000	50.000000	4934.2000	0.01	-6.66	25.00	LINR
C-40	46.478000	50.000000	4852.9000	0.01	-7.04	25.00	LINR
C-30	47.525000	50.000000	5462.7000	0.01	-4.95	25.00	LINR
C-32	47.604000	50.000000	5445.4000	0.01	-4.79	25.00	LINR
C-34	47.145000	50.000000	5499.9000	0.01	-5.71	25.00	LINR
C-36	46.963000	50.000000	5164.2000	0.01	-6.07	25.00	LINR
O-Terphenyl	5617.1000	5887.9000	5887.9000	0.01	4.82	25.00	AVRG
n-Triacontane-D62	4780.0000	4716.8000	4716.8000	0.01	-1.32	25.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GC12 Calibration Date: 04/11/07 Time: 1030

Lab File ID: CAD1078 Init. Calib. Date(s): 04/05/07 04/05/07

Init. Calib. Times: 1728 2229

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	46.762000	50.000000	5350.8000	0.01	-6.48	25.00	LINR
C-8	46.922000	50.000000	5880.0000	0.01	-6.16	25.00	LINR
C-10	46.690000	50.000000	5204.1000	0.01	-6.62	25.00	LINR
C-12	46.594000	50.000000	5245.2000	0.01	-6.81	25.00	LINR
C-14	46.476000	50.000000	5260.3000	0.01	-7.05	25.00	LINR
C-16	46.400000	50.000000	5297.4000	0.01	-7.20	25.00	LINR
C-18	46.354000	50.000000	5298.8000	0.01	-7.29	25.00	LINR
C-28	47.580000	50.000000	5454.1000	0.01	-4.84	25.00	LINR
C-20	44.145000	50.000000	5054.9000	0.01	-11.71	25.00	LINR
C-22	47.697000	50.000000	5525.8000	0.01	-4.61	25.00	LINR
FL-PRO peaks C8-C40	791.47000	850.00000	5287.7000	0.01	-6.88	25.00	LINR
C-26	46.830000	50.000000	5346.5000	0.01	-6.34	25.00	LINR
C-38	46.147000	50.000000	4877.5000	0.01	-7.71	25.00	LINR
C-40	46.121000	50.000000	4814.6000	0.01	-7.76	25.00	LINR
C-30	46.856000	50.000000	5383.6000	0.01	-6.29	25.00	LINR
C-32	47.036000	50.000000	5378.5000	0.01	-5.93	25.00	LINR
C-34	46.621000	50.000000	5437.2000	0.01	-6.76	25.00	LINR
C-36	46.234000	50.000000	5082.3000	0.01	-7.53	25.00	LINR
O-Terphenyl	5617.1000	5797.2000	5797.2000	0.01	3.21	25.00	AVRG
n-Triacontane-D62	4780.0000	4631.8000	4631.8000	0.01	-3.10	25.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1351

Instrument ID: GC12 Calibration Date: 04/10/07 Time: 1043

Lab File ID: CAD2060 Init. Calib. Date(s): 04/09/07 04/09/07

Init. Calib. Times: 1332 1918

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
C-24	43.759000	50.000000	5445.6000	0.01	-12.48	25.00	LINR	
C-8	40.442000	50.000000	5009.5000	0.01	-19.12	25.00	LINR	
C-10	43.358000	50.000000	5316.1000	0.01	-13.28	25.00	LINR	
C-12	43.524000	50.000000	5346.1000	0.01	-12.95	25.00	LINR	
C-14	43.561000	50.000000	5369.9000	0.01	-12.88	25.00	LINR	
C-16	43.523000	50.000000	5407.7000	0.01	-12.95	25.00	LINR	
C-18	43.637000	50.000000	5438.2000	0.01	-12.73	25.00	LINR	
C-28	43.641000	50.000000	5498.7000	0.01	-12.72	25.00	LINR	
C-20	43.504000	50.000000	5438.0000	0.01	-12.99	25.00	LINR	
C-22	43.628000	50.000000	5490.8000	0.01	-12.74	25.00	LINR	
FL-PRO peaks C8-C40	740.35000	850.00000	5344.1000	0.01	-12.90	25.00	LINR	
C-26	43.641000	50.000000	5501.8000	0.01	-12.72	25.00	LINR	
C-38	43.286000	50.000000	4964.5000	0.01	-13.43	25.00	LINR	
C-40	47.421000	50.000000	4820.9000	0.01	-5.16	25.00	LINR	
C-30	43.726000	50.000000	5539.1000	0.01	-12.55	25.00	LINR	
C-32	43.606000	50.000000	5478.5000	0.01	-12.79	25.00	LINR	
C-34	43.173000	50.000000	5553.1000	0.01	-13.65	25.00	LINR	
C-36	42.915000	50.000000	5230.7000	0.01	-14.17	25.00	LINR	
O-Terphenyl	6797.6000	5925.4000	5925.4000	0.01	-12.83	25.00	AVRG	
n-Triacontane-D62	7056.1000	4749.6000	4749.6000	0.01	-32.69	25.00	AVRG	<-

FORM VII PEST

Logbooks and Supporting Documents

Katahdin Analytical Services, Inc.
Instrument: GC12 (FID)
Amount Injected 1ul

Reviewed by/ Date:

GC Laboratory Instrument Runlog

Method (circle): EPH(MADEP) / FL PRO

DRO/TPH - 8015Mod. / MDEP 4.1.25 / 8100Mod

Date	Init.	Result File	Sample ID	Y/N	Method	Column	Comments
4/6/07	HC	CAD1020	Thermal Blood	Y	FLPA012A	282	
		021	MeCl2	N			
		022	FL PRO 50ug/ml H1611	Y			
		023	200 H1609				
		024	100 H1610				
		025	20 H1612				
		026	6 H1613				
		027	IND50 H1567	N			old mix, remake
4/6/07		028	MeCl2	N			
		029	WG37547-1 3550	Y			
		030	-2				range, OTP
		031	-3				
		032	SA3501-21DL1:5	N			OTP ®1:1 60 300
		033	-22	Y			
		034	-23				
		035	SA3514-1				
		036	MeCl2	N			
		037	Thermal Blood	Y			
		038	FL PRO 50ug/ml H1611				
	TR	039	WG37445-1RA 3550				OTP
		040	-2RA				no file41
4/9/07	TR	042	Thermal Blood	N			
		043					
		044		Y			
		045	FL PRO 50ug/ml H1621				
		046	IND50 H1618				
		047	SA3501-1RA 3550				OTP
		048	-2RA				
		049	-3				
		050	-5	N			®1:2

Katahdin Analytical Services, Inc.
Instrument: GC12 (FID)
Amount Injected 1ul

Reviewed by/ Date:

GC Laboratory Instrument Runlog

Method (circle): EPH(MADEP) / FL PRO

DRO/TPH - 8015Mod. / MDEP 4.1.25 / 8100Mod

Date	Init.	Result File	Sample ID	Y/N	Method	Column	Comments
4/9/07	TR	CAD 1051	SA13551-6 3550	N	FLPA012A	282	R? carryover
4/10/07		052	UG37445-3RA	Y			
		053	-4RA TR 4/10/07				OTP, n-Tricc ↑
		054	SA13551-4DL 1:2				150/300 OTP↑
		055	-13DL	N			150/300 R
		056	-12DL 1:5				150/300 R
		057	MeCl2				
		058	Thermal Blood	Y			
		059	FL PRO 50ug/mL H1621				old liner
		060	Thermal Blood	N			
		061					
		062		Y			
		063	FL PRO 50ug/mL H1621				
		064	SA13551-18 3550				
		065	-19				
		066	-20				
		067	-16				
		068	-17DL 1:2	N			150/300 R 1:100
		069	-5DL 1:2	Y			
4/11/07		070	-6RA				
		071	-13DL2 1:10				100/1000
		072	-12DL2 1:30				100/1000, 100/300
		073	-21				
		074	MeCl2	N			
		075	Thermal Blood	Y			
		076	FL PRO 50ug/mL H1621				
		077	SA13551-17DL2 1:100 3550				100/1000, 100/1000
		078	FL PRO 50ug/mL H1621				

Katahdin Analytical Services, Inc.
Instrument: GC12 (FID)
Amount Injected 1ul

Reviewed by/ Date:

GC Laboratory Instrument Runlog

Method (circle): EPH(MADEP) / FL PRO

DRO/TPH - 8015Mod. / MDEP 4.1.25 / 8100Mod

Date	Init.	Result File	Sample ID	Y/N	Method	Column	Comments
4/6/07	HC	CA0202918	Thermal Blood	N	FLPBODA	289	
		3019	MeCl2				
		3020					
		3021	Thermal Blood	Y			
		3022	MeCl2	N			
		3023	FL PRO 50ug/mL H1611	Y			
		024	200 H1609				
		025	100 H1610				
		026	20 H1612				
		027	5 H1613				
4/6/07		028	IND 50 H1567	N			
		029	WG31445-1 3550				surr.
		030	-2				
		031	-3 DL 1:5	N			(R) 1:1 40/300
		032	-4				
		033	SA1351-1				
		034	-2				
		035	TR 4/7/07 SA MeCl2	N			
		036	Thermal Blood	Y			
		037	FL PRO 50ug/mL H1611				
		038	FL PRO IND 50ug/mL H1618	N			TR 4/6/07 W/ normal
		039	MeCl2	N			
		040	FL PRO IND 50ug/mL H1618	Y			no file 41
4/9/07	TR	042	Thermal Blood	N			
		043		Y			
		044	FL PRO 50ug/mL H1621				
		045	200 H1619				
		046	100 H1620				
		047	20 H1622				
		048	5 H1623				

Katahdin Analytical Services, Inc.
Instrument: GC12 (FID)
Amount Injected 1ul

Reviewed by/ Date:

GC Laboratory Instrument Runlog

Method (circle): EPH(MADEP) / FL PRO

DRO/TPH - 8015Mod. / MDEP 4.1.25 / 8100Mod

Date	Init.	Result File	Sample ID	Y/N	Method	Column	Comments
4/9/07	TR	CA02049	FLPROINDS50ug/mL H1618	Y	FLPB012A	289	
		050	WG37445-1RA2				
		051	SA1331-7 3550				
4/10/07		052	-9				
		053	-10				
		054	-14				
		055	-15				
		056	-8				
		057	-11				
		058	MeCl2	N			
		059	Thermal Blood	Y			
		060	FL PRO 50ug/mL H1621				n-Triac.
		061	FL PRO 50ug/mL H1621	N	FLPB013A		
		062	200 H1619				
		063	100 H1620				
		064	20 H1622				did not inject -
		065	5 H1623				wrong vial pos.
		066	IND50 H1618				C404
		067	WG37547-1RA 3550				
		068	WG37669-1				
		069	-2				
4/11/07		070	SA1374-6RE				
		071	-7				
		072	-4				
		073	-5				
		074	-8 DL 1:2				
		075	-3				
		076	-2 DL 1:10				
		077	MeCl2				
		078	Thermal Blood				

F1 Pro SON

Katahdin Analytical Services, Inc.
Organic Extraction Log

Protocol: SW846

Analysis: FUEL OILS

Date QC Started: 3-30-07

QC Expiration Date: 4-13-07

QC Batch ID:

SURROGATE ID: GC0399

Analytical Method: SW846/8015MDRO/ME 4.1.25

Extraction Technique: SONIC 3550 / SOX 3540 / ASE 3545

Matrix: SOLID

SPIKE ID: GC0398

CLEAN-UP: GC screen, GPC, Florosil, Acid Wash, Other:

Sonicator Horns Tuned: <20%

Solvent Lot # MeCl2: E04465

Solvent Lot # MeCl2: E06468

Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Init.	Comments
Blank-1	3-30-07	KF	WG37445-1	30g	2mL	NR	2mL	4-3-07	F131 A1	KM	R61995
LCS-1			-2			2mL			A2		
MS			-3						A3		MS SA1351-1
MSD			-4						A4		MSD SA1351-1
Blank-2											
LCS-2											
Blank-3											
LCS-3											
Blank-4											
LCS-4											
Blank-5											
LCS-5											
Blank-6											
LCS-6											

QAEX128

000006

F1 Pro SON

Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Init.	Comments
1	3-30-07	KF	SA1351-1	30g	2mL	NR	2mL	4-3-07	F131 A5	KM	
2			-2						A6		
3			-3						A7		
4			-4						A8		
5			-5						A9		
6			-6						A10		
7			-7						B1		
8			-8						B2		
9			-9						B3		
10			-10						B4		
11			-11						B5		
12			-12						B6		
13			-13						B7		
14			-14						B8		
15			-15						B9		
16			-16						B10		
17			-17						C1		
18			-18						C2		
19			-19						C3		
20			-20						C4		

Reviewed By:

QAEX128

0000064

Fl-Pro SON

Katahdin Analytical Services, Inc.
Organics Extraction Log

Protocol: SW846
Analysis: FUEL OILS
Date QC Started: 4-4-07
QC Expiration Date: 4-18-07
QC Batch ID:
SURROGATE ID: GC0399

Analytical Method: SW846/8015M/ME 4.1.25
Extraction Technique: SONIC 3550 / SOX 3540 / ASE 3545
Matrix: SOLID
SPIKE ID: GC0398

CLEAN-UP: GC screen, GPC, Florosil, Acid Wash, Other:
Sonicator Horns Tuned: ≤20%
Solvent Lot # MeCl2 E06468
Solvent Lot #

Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Init.	Comments
Blank-1	4-4-07	GN	WG37547-1	30g	2.0 mL	NR	2mL	4-4-07	FL31 C5	KF	R62117
LCS-1			-2			2.0 mL			C6		
MS			-3						C7		
MSD											
Blank-2											
LCS-2											
Blank-3											
LCS-3											
Blank-4											
LCS-4											
Blank-5											
LCS-5											
Blank-6											
LCS-6											

QAEX128

000006

Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Init.	Comments
1	4-4-07	GN	SA1351-21	30g	2.0 mL	NR	2mL	4-4-07	FL31 C8	KF	
2			-22						C9		
3			-23						C10		
4			SA1374-1						D1		
5			-2						D2		
6			-3						D3		
7			-4						D4		
8			-5						D5		
9			-6						—		sample ~~lost~~ dropped while transfer to 1.8 mL vial
10			-7						D6		
11			-8						D7		
12											
13											
14											
15											
16											
17											
18											
19											
20											

Reviewed By:

QAEX128

000006

CONVENTIONAL AND PHYSICAL ANALYTICAL DATA

QC Summary Section

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Quality Control Report

Blank Sample Summary Report

Total Solids

Samp Type	QC Batch	Anal. Method	Anal. Date	Prep. Date	Result	PQL
MBLANK	WG37570	CLP SOW 788	04-APR-07	03-APR-07	U 1 %	1 %
MBLANK	WG37573	CLP SOW 788	04-APR-07	03-APR-07	U 1 %	1 %

600 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Quality Control Report

Laboratory Control Sample Summary Report

Total Solids

Lab Sample Id	Samp Type	QC Batch	Analysis Date	Prep Date	Units	Spike Amt.	Result	Recovery	Acceptance Range	RPD
WG37570-2	LCS	WG37570	04-APR-07	03-APR-07	%	90	90.	100	80-120	
WG37573-2	LCS	WG37573	04-APR-07	03-APR-07	%	90	90.	100	80-120	

600 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Quality Control Report

Duplicate Sample Summary Report

Total Solids

Duplicate Sample ID	Original Sample ID	QC Batch	Analysis Date	Result Units	Sample Result	Duplicate Result	RPD(%)	RPD Limit
WG37570-3	SA1351-19	WG37570	04-APR-07	%	93.	92.	1	20
WG37573-4	SA1351-9	WG37573	04-APR-07	%	90.	89.	0	20

600 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029
http://katahdinlab.com

Sample Data Section

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-1
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB90-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	72. %	1	CLP SOW 788	WG37573	04-APR-07 09:09:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-2
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB91-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	88. %	1	CLP SOW 788	WG37573	04-APR-07 09:10:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-3
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB92-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	83. %	1	CLP SOW 788	WG37573	04-APR-07 09:11:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-4
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB93-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	90. %	1	CLP SOW 788	WG37573	04-APR-07 09:12:00	CLP SOW 788	03-APR-07	JF	

600 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
sales@katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-5
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB86-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	80. %	1	CLP SOW 788	WG37573	04-APR-07 09:13:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-6
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB87-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	92. %	1	CLP SOW 788	WG37573	04-APR-07 09:14:00	CLP SOW 788	03-APR-07	JF	

600 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
sales@katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-7
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB88-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	92. %	1	CLP SOW 788	WG37573	04-APR-07 09:15:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-8
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB89-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	93. %	1	CLP SOW 788	WG37573	04-APR-07 09:16:00	CLP SOW 788	03-APR-07	JF	

600 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
sales@katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-9
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB94-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	90. %	1	CLP SOW 788	WG37573	04-APR-07 09:17:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-10
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB95-01	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	93. %	1	CLP SOW 788	WG37573	04-APR-07 09:19:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-11
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB97-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	83. %	1	CLP SOW 788	WG37573	04-APR-07 09:20:00	CLP SOW 788	03-APR-07	JF	

600 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
sales@katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-12
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB96-01	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	92. %	1	CLP SOW 788	WG37573	04-APR-07 09:21:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-13
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB98-01	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	76. %	1	CLP SOW 788	WG37573	04-APR-07 09:22:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-14
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB99-01	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	94. %	1	CLP SOW 788	WG37573	04-APR-07 09:23:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-15
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB83-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	73. %	1	CLP SOW 788	WG37573	04-APR-07 09:24:00	CLP SOW 788	03-APR-07	JF	

600 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
sales@katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-16
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB84-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	88. %	1	CLP SOW 788	WG37573	04-APR-07 09:25:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-17
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB85-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	94. %	1	CLP SOW 788	WG37573	04-APR-07 09:26:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-18
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB82-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	89. %	1	CLP SOW 788	WG37573	04-APR-07 09:27:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-19
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB81-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	93. %	1	CLP SOW 788	WG37570	04-APR-07 09:30:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-20
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB78-02	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	89. %	1	CLP SOW 788	WG37570	04-APR-07 09:32:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-21
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB79-01	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	93. %	1	CLP SOW 788	WG37570	04-APR-07 09:33:00	CLP SOW 788	03-APR-07	JF	

600 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
sales@katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-22
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB102-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	90. %	1	CLP SOW 788	WG37570	04-APR-07 09:34:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-23
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB103-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	92. %	1	CLP SOW 788	WG37570	04-APR-07 09:35:00	CLP SOW 788	03-APR-07	JF	

Raw Data Section

TOTAL SOLIDS BATCH REPORT
Apr 04 2007, 11:33 am
Batch: WG37570

Sample	Matrix	Type	Batch	Prep Date	Tare	Initial	Final	by	Date	Raw TS	Rep TS	Recovery	RPD
SA1351-19	SL	SAMP	WG37570	03-APR-07	.992 g	6.363 g	5.983 g	JF	04-APR-07	92.9250	93. %		
SA1351-20	SL	SAMP	WG37570	03-APR-07	1.017 g	7.389 g	6.67 g	JF	04-APR-07	88.7160	89. %		
SA1351-21	SL	SAMP	WG37570	03-APR-07	.993 g	6.856 g	6.462 g	JF	04-APR-07	93.2800	93. %		
SA1351-22	SL	SAMP	WG37570	03-APR-07	1.013 g	6.535 g	5.958 g	JF	04-APR-07	89.5510	90. %		
SA1351-23	SL	SAMP	WG37570	03-APR-07	1.015 g	8.16 g	7.62 g	JF	04-APR-07	92.4420	92. %		
SA1374-1	SL	SAMP	WG37570	03-APR-07	1.005 g	8.483 g	7.865 g	JF	04-APR-07	91.7360	92. %		
SA1374-2	SL	SAMP	WG37570	03-APR-07	.998 g	8.355 g	7.892 g	JF	04-APR-07	93.7070	94. %		
SA1374-3	SL	SAMP	WG37570	03-APR-07	.998 g	8.25 g	7.237 g	JF	04-APR-07	86.0310	86. %		
SA1374-4	SL	SAMP	WG37570	03-APR-07	.994 g	11.848 g	10.59 g	JF	04-APR-07	88.4100	88. %		
SA1374-5	SL	SAMP	WG37570	03-APR-07	1.032 g	5.85 g	5.452 g	JF	04-APR-07	91.7390	92. %		
SA1374-6	SL	SAMP	WG37570	03-APR-07	1.013 g	7.059 g	6.652 g	JF	04-APR-07	93.2680	93. %		
SA1374-7	SL	SAMP	WG37570	03-APR-07	1.011 g	9.135 g	8.549 g	JF	04-APR-07	92.7870	93. %		
SA1374-8	SL	SAMP	WG37570	03-APR-07	1.013 g	7.987 g	7.256 g	JF	04-APR-07	89.5180	90. %		
SA1405-1	SL	SAMP	WG37570	03-APR-07	1.046 g	7.358 g	3.322 g	JF	04-APR-07	36.0580	36. %		
WG37570-1	SL	MBLANK	WG37570	03-APR-07	.995 g	.995 g	.995 g	JF	04-APR-07	0.0000	1 %		
WG37570-2	SL	LCS	WG37570	03-APR-07	1.013 g	6.007 g	5.517 g	JF	04-APR-07	90.1880	90. %	100	
WG37570-3	SL	DUP	WG37570	03-APR-07	.988 g	6.345 g	5.931 g	JF	04-APR-07	92.2720	92. %		1
WG37570-4	SL	DUP	WG37570	03-APR-07	1.021 g	11.812 g	10.56 g	JF	04-APR-07	88.3980	88. %		0

Comments:

WG37570-1	SA1351-19
WG37570-2	SA1351-19
WG37570-3	SA1351-19
WG37570-4	SA1374-4

Entered by: _____ Date: 4-4-07 Accepted by: _____ Date: 04/04/07

KATAHDIN ANALYTICAL SERVICES, INC.

WG 37570 R 62121

TOTAL SOLIDS: CLP SOW 788	PQL: 0.10%	ASTM CLASS 1 WEIGHTS SA & TOB VT 8-04	
TOTAL VOLATILE SOLIDS: EPA 160.4	PQL: 0.10%		
ANALYST IN:	ANALYST OUT:		
DATE IN: 4-3-07	DATE OUT: 4-4-07		
TIME IN: 1410	TIME OUT: 750		
TEMP IN: 107	TEMP OUT: 103		
CHECKED BY:	DATE: 04/04/07		

TRUE WT (g)	INITIAL WT (g)	FINAL WT (g)
2.0000	2.000	2.000
5.0000	5.000	5.000
10.0000	10.000	10.002
100.0000		

SAMPLE ID	DISH ID 43079	DISH WT (g)	DISH WET WT (g)	DISH DRY WT (g)	DISH/ASH WT (g)	TIME
WG37570-1 Blank	25	0.995	0.995	0.995		928
-2 Lab	26	1.013	6.007	5.577		929
SA13357 -19E	27	0.992	6.363	5.983		930
WG37570-3 Dup -19E	28	0.988	6.345	5.981		931
-20E	29	1.017	7.389	6.670		932
-21E	30	0.993	6.856	6.462		933
-22E	31	1.013	6.535	~~5.958~~ 5.958		934
-23E	32	1.015	8.160	7.620		935
SA 1405-1A	33	1.046	7.358	3.322		936
SA1374-1E	34	1.005	8.483	7.865		937
-2E	35	0.998	8.355	7.892		938
-3E	36	0.998	8.250	7.237		939
-4E	37	0.994	11.848	10.590		940
WG37570-4 Dup -4E	38	1.021	11.872	10.560		941
-5E	39	1.032	5.850	5.452		942
-6E	40	1.013	7.059	6.652	90	943
-7E	41	1.011	9.135	8.549	944	944
-8E	42	1.013	7.987	7.286	945	945

QAWL437

Katahdin Analytical Services 50000032

00000069

TOTAL SOLIDS BATCH REPORT
Apr 04 2007, 11:52 am
Batch: WG37573

Sample	Matrix	Type	Batch	Prep Date	Tare	Initial	Final	by	Date	Raw TS	Rep TS	Recovery	RPD
SA1351-1	SL	SAMP	WG37573	03-APR-07	1.007 g	8.263 g	6.233 g	JF	04-APR-07	72.0230	72. %		
SA1351-10	SL	SAMP	WG37573	03-APR-07	1.022 g	7.501 g	7.043 g	JF	04-APR-07	92.9310	93. %		
SA1351-11	SL	SAMP	WG37573	03-APR-07	1.003 g	8.596 g	7.337 g	JF	04-APR-07	83.4190	83. %		
SA1351-12	SL	SAMP	WG37573	03-APR-07	1.016 g	9.728 g	9.02 g	JF	04-APR-07	91.8730	92. %		
SA1351-13	SL	SAMP	WG37573	03-APR-07	1.016 g	12.513 g	9.756 g	JF	04-APR-07	76.0200	76. %		
SA1351-14	SL	SAMP	WG37573	03-APR-07	1.002 g	7.029 g	6.665 g	JF	04-APR-07	93.9600	94. %		
SA1351-15	SL	SAMP	WG37573	03-APR-07	1.021 g	9.096 g	6.911 g	JF	04-APR-07	72.9410	73. %		
SA1351-16	SL	SAMP	WG37573	03-APR-07	1.036 g	6.923 g	6.246 g	JF	04-APR-07	88.5000	88. %		
SA1351-17	SL	SAMP	WG37573	03-APR-07	1.032 g	8.146 g	7.691 g	JF	04-APR-07	93.6040	94. %		
SA1351-18	SL	SAMP	WG37573	03-APR-07	1.03 g	9.604 g	8.645 g	JF	04-APR-07	88.8150	89. %		
SA1351-2	SL	SAMP	WG37573	03-APR-07	1.022 g	9.744 g	8.725 g	JF	04-APR-07	88.3170	88. %		
SA1351-3	SL	SAMP	WG37573	03-APR-07	1.044 g	13.04 g	11.01 g	JF	04-APR-07	83.0780	83. %		
SA1351-4	SL	SAMP	WG37573	03-APR-07	1.001 g	5.572 g	5.095 g	JF	04-APR-07	89.5650	90. %		
SA1351-5	SL	SAMP	WG37573	03-APR-07	1.02 g	7.025 g	5.804 g	JF	04-APR-07	79.6670	80. %		
SA1351-6	SL	SAMP	WG37573	03-APR-07	1.008 g	9.907 g	9.193 g	JF	04-APR-07	91.9770	92. %		
SA1351-7	SL	SAMP	WG37573	03-APR-07	1.028 g	8.5 g	7.939 g	JF	04-APR-07	92.4920	92. %		
SA1351-8	SL	SAMP	WG37573	03-APR-07	1.034 g	10.455 g	9.817 g	JF	04-APR-07	93.2280	93. %		
SA1351-9	SL	SAMP	WG37573	03-APR-07	1.009 g	9.054 g	8.213 g	JF	04-APR-07	89.5460	90. %		
SA1410-1	SL	SAMP	WG37573	03-APR-07	1.01 g	7.19 g	6.187 g	JF	04-APR-07	83.7700	84. %		
SA1422-1	SL	SAMP	WG37573	03-APR-07	1.008 g	24.224 g	1.414 g	JF	04-APR-07	1.7490	1.7 %		
WG37573-1	SL	MBLANK	WG37573	03-APR-07	1.008 g	1.008 g	1.008 g	JF	04-APR-07	0.0000	1 %		
WG37573-2	SL	LCS	WG37573	03-APR-07	.99 g	5.986 g	5.497 g	JF	04-APR-07	90.2120	90. %	100	
WG37573-3	SL	DUP	WG37573	03-APR-07	1.02 g	7.145 g	6.143 g	JF	04-APR-07	83.6410	84. %		0
WG37573-4	SL	DUP	WG37573	03-APR-07	1.031 g	9.065 g	8.22 g	JF	04-APR-07	89.4820	89. %		0

Comments:

SA1422-1	Digest as a liquid 10-20 grams Need MEDEP limits
WG37573-1	SA1410-1
WG37573-2	SA1410-1
WG37573-3	SA1410-1
WG37573-4	SA1351-9

Entered by: _____ Date: 4-4-07 Accepted by: _____ Date: 04/04/07

Katahdin Analytical Services 5000033

KATAHDIN ANALYTICAL SERVICES, INC. W0375773 R6424

TOTAL SOLIDS: CLP SOW 788	PQL: 0.10% ___	ASTM CLASS 1 WEIGHTS SA0709-1 3.01	
TOTAL VOLATILE SOLIDS: EPA 160.4	PQL: 0.10% ___		
ANALYST IN:	ANALYST OUT:		
DATE IN: 4-3-07	DATE OUT: 4-4-07		
TIME IN: 1410	TIME OUT: 750		
TEMP IN: 103	TEMP OUT: 103		
CHECKED BY:	DATE: 04/04/07		

TRUE WT (g)	INITIAL WT (g)	FINAL WT (g)
2.0000	2.000	2.000
5.0000	5.000	5.000
10.0000	10.002	10.002
100.0000		

	SAMPLE ID	DISH ID	DISH WT (g)	DISH WET WT (g)	DISH DRY WT (g)	DISH/ASH WT (g)	TIME
TVS	~~W0375773-1~~ Blank	1	1.008	1.008	1.008		904
	LCS	2	0.990	5.486	5.497		905
	SA1410-1A	3	1.010	7.190	6.187		906
	Dup -1A ~~W0375773-3~~	4	1.020	7.145	6.143		907
TVS	SA1422-1A	5	1.008	24.224	1.414		908
	SA1351-1E	6	1.007	8.263	6.288		909
	-2E	7	1.022	9.744	8.725		910
	-3E	8	1.044	13.040	11.010		911
	-4E	9	1.001	5.572	5.095		912
	-5E	10	1.020	7.025	5.804		913
	-6E	11	1.008	9.907	9.193		914
	-7E	12	1.028	8.500	7.737		915
	-8E	13	1.034	10.455	9.817		916
	-9E	14	1.009	9.054	8.213		917
	~~W0375773-4~~ Dup -9E	15	1.031	9.065	8.220		918
	-10E	16	1.022	7.501	7.043		919
	-11E	17	1.003 ~~1.034~~	8.596 ~~1.041~~ 43071	7.337		920
	-12E	18	1.016	9.728	9.020		921
	-13E	19	1.016	12.513	9.756		922
	-14E	20	1.002	7.029	6.665		923
	-15E	21	1.021	9.096	6.911		924
	-16E	22	1.036	6.923	6.246		925
	-17E	23	1.032	8.146	7.691		926
	-18E	24	1.030	9.604	8.645		927

QAWL437

Katahdin Analytical Services 5000034

0000059

TETRA TECH NUS, INC.
CTO 0003 NAS JACKSONVILLE
SA1374

KATAHDIN ANALYTICAL SERVICES, INC.
600 TECHNOLOGY WAY
SCARBOROUGH, ME 04074

TABLE OF CONTENTS

Total number of pages: 320

SAMPLE DATA PACKAGE		0000001		
Narrative	----------	0000002	to	0000004
Supporting Documents	----------	0000004A	to	0000004A
Chain of Custody Record	----------	0000005	to	0000005
Login Report	----------	0000006	to	0000007
SAMPLE DATA SUMMARY				
Report of Analytical Results	----------	A0000001	to	A0000133
VOLATILE DATA		1000001		
QC Summary	----------	1000002	to	1000044
Sample Data	----------	1000045	to	1000058
Standards Data	----------	1000059	to	1000066
Logbooks and Supporting Documents	----------	1000067	to	1000079
SIM DATA		2000001		
QC Summary	----------	2000002	to	2000022
Sample Data	----------	2000023	to	2000034
Standards Data	----------	2000035	to	2000040
Logbooks and Supporting Documents	----------	2000041	to	2000048
PETROLEUM RANGE ORGANICS DATA	----------	3000001		
QC Summary	----------	3000002	to	3000011
Sample Data	----------	3000012	to	3000020
Standards Data	----------	3000021	to	3000029
Logbooks and Supporting Documents	----------	3000030	to	3000035
CONVENTIONAL AND PHYSICAL DATA		5000001		
QC Summary	----------	5000002	to	5000005
Sample Data	----------	5000006	to	5000014
Raw Data	----------	5000015	to	5000017

SAMPLE DATA PACKAGE

SDG NARRATIVE
KATAHDIN ANALYTICAL SERVICES
TETRA TECH NUS
CASE CTO 0003 NAS JACKSONVILLE
SA1374

Sample Receipt

The following samples were received on March 30, 2007 and were logged in under Katahdin Analytical Services work order number SA1374 for a hardcopy due date of April 12, 2007.

KATAHDIN Sample No.	TTNUS Sample Identification
SA1374-1	JAX25-SB104-03
SA1374-2	JAX25-SB105-01
SA1374-3	JAX25-SB106-03
SA1374-4	JAX25-SB107-03
SA1374-5	JAX25-SB80-03
SA1374-6	JAX25-SB108-03
SA1374-7	JAX25-SB109-03
SA1374-8	JAX25-SB110-03
SA1374-9	TRIP BLANK

The samples were logged in for the analyses specified on the chain of custody form. All problems encountered and resolved during sample receipt have been documented on the applicable chain of custody forms.

We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in this narrative or in the Report of Analysis.

Sample analyses have been performed by the methods as noted herein.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact your Katahdin Analytical Services Project Manager, **Andrea J. Colby**. This narrative is an integral part of the Report of Analysis.

Organics Analysis

The samples of work order SA1374 were analyzed in accordance with "Test Methods for Evaluating Solid Wastes: Physical/Chemical Methods." SW-846, 2nd edition, 1982 (revised 1984), 3rd edition, 1986, and Updates I, II, IIA, III, IIIA, and IIIB 1996, 1998 & 2004, Office of Solid Waste and Emergency Response, U.S. EPA, and/or Method for Determination of Petroleum Range Organics (Method #FL-PRO), Florida Department of Environmental Protection, November 1, 1995 and/or for the specific methods listed below or on the Report of Analysis. Some manual integrations may have been performed due to split peaks and/or corrected baselines. All have been flagged with an "M" (software-generated) on the pertinent quantitation reports.

8015M-FLPRO Analysis

The target range PRO was detected above the MDL but below the PQL in the method blanks WG37547-1 and WG37669-1RA. Any PRO that was also detected in any of the associated samples was flagged with a

000002

"V" qualifier indicating that the analyte was detected in the method blank analyzed and/or extracted concurrently with the sample.

Sample SA1374-6 was reextracted within hold time due to low surrogate recoveries. The method blank, WG37669-1RA, had high recoveries for both extraction surrogates o-terphenyl and n-triacontane-D_{62}, which were outside of the method acceptance limits. Since a high recovery would indicate a high bias, and the target range PRO was not detected above the PQL in the associated sample SA1374-6RE, the sample was not reextracted a second time.

The laboratory control sample (LCS), WG37669-2RA, had a high recovery for the extraction surrogate o-terphenyl, which was outside of the method acceptance limits. Since the PRO recovery was acceptable, the associated samples were not reextracted.

Sample SA1374-8RA had a high recovery for the extraction surrogate o-terphenyl, which was outside of the method acceptance limits. Since the second extraction surrogate n-triacontane-D_{62} was within the acceptance limits, no further corrective action was taken.

The laboratory control sample (LCS), WG37547-2, had a PRO recovery that was low and outside of the method acceptance limits. This resulted in an RPD for the LCS/LCSD that was above the acceptance limit of 25%. Since the LCSD, WG37547-3, had an acceptable PRO recovery, the associated samples were not reextracted. Any PRO that was also detected in any of the associated samples was flagged with a "J" qualifier indicating that the analyte was outside of the method acceptance limits in the LCS extracted and/or analyzed concurrently with the sample.

8260B Analysis

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are statistically derived for the full list of spiked compounds. The recoveries of the spiked analytes in the LCS, Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are compared to these acceptance limits. Katahdin standard operating procedure is not to take corrective action until the number of spiked analytes in the LCS that are outside of the QC limits is not greater than the DoD QSM allowable number of exceedances. If the associated MS/MSD has greater than the allowable number of exceedances, no corrective action is taken, as long as the LCS is acceptable.

The initial analysis of the low-concentration soil sample SA1374-5 had no recoveries for all four surrogates and no response for one internal standard and low responses for two internal standards that resulted in %D's which were outside the laboratory acceptance limit of -50% to +100% of the response of the internal standard of the daily calibration verification standard. The reanalysis of this sample is labeled with the suffix "RA". The reanalysis had similar deviations as the original analysis indicating a matrix effect. This is also evident by observing the sample chromatogram. The sample was then reanalyzed as a high-concentration soil sample (methanol), which is labeled with the suffix "DL". All three analyses are reported.

The initial analysis of sample SA1374-7 had a low recovery for a surrogate that was outside of the laboratory established acceptance limits. The reanalysis of this sample is labeled with the suffix "RA". The reanalysis was analyzed within hold time and met all QC acceptance limits. Therefore, only the reanalysis is reported.

The chromatogram of sample SA1374-6 indicates the presence of several peaks. These peaks are possibly due to carryover from a previously analyzed sample. Since there were no target analytes detected above the MDL in this sample, the sample was not reanalyzed.

P.O. Box 540, Scarborough, ME 04070 • Tel: (207) 874-2400 • Fax: (207) 775-4029 • 600 Technology Way, Scarborough, ME 04074
www.katahdinlab.com

8270C SIM Analysis

Sample SA1374-5 was initially analyzed at a dilution of 1:10 due to matrix interference, sample viscosity or other matrix-related problem. Consequently, the sample PQL was elevated by a factor of 10.

Samples SA1374-2, 2DL, 3, 4, 5DL and 8 were manually integrated for various analytes. The specific reason for the manual integration is indicated on the raw data by the manual integration codes (M1-M8). These codes are further explained in the attachment following this narrative.

There were no other protocol deviations or observations noted by the organics laboratory staff.

Wet Chemistry Analysis

The samples of work order SA1374 were analyzed in accordance with the specific methods listed on the Report of Analysis.

Analyses for total solids were performed according to U.S. EPA Contract Laboratory Program Statement of Work for Inorganic Analysis, SOW 788.

All analyses were performed within analytical holding times. All quality control criteria were met.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Operations Manager or the Quality Assurance Officer as verified by the following signature.

Deborah J. Madeau for 4/12/07

Leslie Dimond
Quality Assurance Officer

0000004

Katahdin Analytical Services, Inc. **Sample Receipt Condition Report**

Client: Tetra Tech	KAS PM: AC	Sampled By: Client
Project: C10003 NAS JAX	KIMS Entry By: DS	Delivered By: Fedex
KAS Work Order#: SA1374	KIMS Review By: AC	Received By: DS
SDG #:	Cooler: 1 of 1	Date/Time Rec.: 033001 1000

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?	X				
2. Chain of Custody present in cooler?	X				
3. Chain of Custody signed by client?	X				
4. Chain of Custody matches samples?	X				
5. Temperature Blanks present?	X				Temp (°C): 6.0
6. Samples received at < 6 °C w/o freezing? Ice or ice packs present? (Y) or N	X				Cooler temp. (°C): (if no temp blank)
7. Volatiles free of headspace? **Aqueous:** No bubble larger than a pea	X				
Soil/Sediment: Received in airtight container?	X				
Received in methanol?	X				
Methanol covering soil?	X				
8. Trip Blank present in cooler?	X				
9. Proper sample containers and volume?	X				
10. Samples within hold time upon receipt?	X				
11. Aqueous samples properly preserved? Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH – pH <2				X	
Sulfide - >9				X	
Cyanide – pH >12				X	
12. Corrective Action Report Filed?				✓	

* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments

0000004A

3A1374

TETRA TECH NUS, INC. | **CHAIN OF CUSTODY** | **NUMBER** | **PAGE 1 OF 1**

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
112G0032	PCA25-NASJAX	Mark Peterson	904-636-6125	Katahdin Analytical
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
Chuck M [illegible]		Chuck Metz	904-636-6125	
		CARRIER/WAYBILL NUMBER		CITY, STATE: ME

STANDARD TAT ☒ 21 Day
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G)
PRESERVATIVE USED

DATE YEAR 2007	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAP (G) COMP (C)	No. OF CONTAINERS	TYPE OF ANALYSIS: 8260B +MTBE	8270C Sim	FL PRO					COMMENTS
3-29	1200	JAX25-SB104-03		2.5	3	SO	G	5	x	x	x					
	1220	SB105-01		0.5	1			5	✓	✓	✓					
	1240	SB106-03		2.5	3			5	✓	✓	✓					PO #
	1255	SB107-03		2.5	3			5	✓	✓	✓					
	1305	SB80-03		2.5	3			5	✓	✓	✓					
		~~[illegible]~~														
	1315	SB108-03		2.5	3			5	✓	✓	✓					
	1325	SB109-03		2.5	3			5	✓	✓	✓					
	1335	SB110-03		2.5	3			5	✓	✓	✓					
-123	1115	Trip Blank				QC		2	✓							* Trip Blank
																Cooled to 4°C
																on Ice

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY Chuck M [illegible]	3-29-07	1600	1. RECEIVED BY [illegible]	033007	1000
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R

FORM NO. TtNUS-001

000005

Katahdin
ANALYTICAL SERVICES

Katahdin Analytical Services

Login Chain of Custody Report (lno1)

Mar. 30, 2007
03:28 PM

Login Number: SA1374

Account: TETRAT001 Web
Tetra Tech NUS, Inc.

Project: TETRAT003001

Primary Report Address:
Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Foster Plaza 7
Pittsburgh,PA 15220

Primary Invoice Address:
Accounts Payable
Tetra Tech NUS, Inc.
661 Andersen Drive
Foster Plaza 7
Pittsburgh,PA 15220

Report CC Addresses:
Invoice CC Addresses:

Login Information

ANALYSIS INSTRUCTIONS	:	VOA soils are pres DI & MeOH.
CHECK NO.	:	
CLIENT PO#	:	1015276
COOLER TEMPERATURE	:	6.0
DELIVERY SERVICES	:	FEDEX
EDD FORMAT	:	KAS087QC-TXT
MAIL DATE	:	
PM	:	AJC
PROJECT NAME	:	CTO 0003 NAS Jacksonville
QC LEVEL	:	III
REGULATORY LIST	:	NFESC
REPORT INSTRUCTIONS	:	Rpt to MDL. Need to use Florida flagging. Data summary needs all forms. Send rpt & EDD on 2 CDs, no hc.
SDG ID	:	
SDG STATUS	:	

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
SA1374-1	JAX25-SB104-03	29-MAR-07 12:00	30-MAR-07			12-APR-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	12-APR-07		1
Solid	S	SW8260BTEX+MTBE	12-APR-07	40mL Vial+HCl	2
Solid	S	SW8270SIM-S	12-APR-07	100g Glass	2
Solid	S	TS	28-APR-07		

SA1374-2	JAX25-SB105-01	29-MAR-07 12:20	30-MAR-07			12-APR-07

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	12-APR-07		1
Solid	S	SW8260BTEX+MTBE	12-APR-07	40mL Vial+HCl	2
Solid	S	SW8270SIM-S	12-APR-07	100g Glass	2
Solid	S	TS	28-APR-07		

SA1374-3	JAX25-SB106-03	29-MAR-07 12:40	30-MAR-07			12-APR-07

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	12-APR-07		1
Solid	S	SW8260BTEX+MTBE	12-APR-07	40mL Vial+HCl	2
Solid	S	SW8270SIM-S	12-APR-07	100g Glass	2
Solid	S	TS	28-APR-07		

SA1374-4	JAX25-SB107-03	29-MAR-07 12:55	30-MAR-07			12-APR-07

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	12-APR-07		1
Solid	S	SW8260BTEX+MTBE	12-APR-07	40mL Vial+HCl	2
Solid	S	SW8270SIM-S	12-APR-07	100g Glass	2
Solid	S	TS	28-APR-07		

SA1374-5	JAX25-SB80-03	29-MAR-07 13:05	30-MAR-07			12-APR-07

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	12-APR-07		1
Solid	S	SW8260BTEX+MTBE	12-APR-07	40mL Vial+HCl	2
Solid	S	SW8270SIM-S	12-APR-07	100g Glass	2
Solid	S	TS	28-APR-07		

0000006

Katahdin
ANALYTICAL SERVICES

Katahdin Analytical Services

Login Chain of Custody Report (lno1)

Mar. 30, 2007
03:28 PM

Login Number: SA1374

Account: TETRAT001 Web
Tetra Tech NUS, Inc.

Project: TETRAT003001

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
SA1374-6	JAX25-SB108-03	29-MAR-07 13:15	30-MAR-07			12-APR-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	12-APR-07		1
Solid	S	SW8260BTEX+MTBE	12-APR-07	40mL Vial+HCl	2
Solid	S	SW8270SIM-S	12-APR-07	100g Glass	2
Solid	S	TS	28-APR-07		

SA1374-7	JAX25-SB109-03	29-MAR-07 13:25	30-MAR-07			12-APR-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	12-APR-07		1
Solid	S	SW8260BTEX+MTBE	12-APR-07	40mL Vial+HCl	2
Solid	S	SW8270SIM-S	12-APR-07	100g Glass	2
Solid	S	TS	28-APR-07		

SA1374-8	JAX25-SB110-03	29-MAR-07 13:35	30-MAR-07			12-APR-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8015M-FLPRO	12-APR-07		1
Solid	S	SW8260BTEX+MTBE	12-APR-07	40mL Vial+HCl	2
Solid	S	SW8270SIM-S	12-APR-07	100g Glass	2
Solid	S	TS	28-APR-07		

SA1374-9	TRIP BLANK	12-FEB-07 11:15	30-MAR-07			12-APR-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	SW8260BTEX+MTBE	26-FEB-07	40mL Vial+HCl	2

Total Samples: *9* ***Total Analyses:*** *33*

000007

SAMPLE DATA SUMMARY PACKAGE

ORGANICS DATA QUALIFIERS

U	Indicates the compound was analyzed for but not detected above the laboratory Practical Quantitation Limit.
*	Compound recovery outside of quality control limits.
D	Indicates the result was obtained from analysis of a diluted sample. Surrogate recoveries may not be calculable.
E	Estimated value. This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis.
J	Estimated value. The analyte was detected in the sample at a concentration less than the laboratory Practical Quantitation Limit (PQL), but above the Method Detection Limit (MDL).
B	Indicates the analyte was detected in the laboratory method blank analyzed concurrently with the sample.
N	Presumptive evidence of a compound based on a mass spectral library search.
A	Indicates that a tentatively identified compound is a suspected aldol-condensation product.
P	Used for Pesticide/Aroclor analyte when there is a greater than 25% difference for detected concentrations between the two GC columns.

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date:
Analysis Date: 02-APR-2007 13:59
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 91.7

Lab ID: SA1374-1
Client ID: JAX25-SB104-03
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
	m+p-Xylenes	U	4	1.0	10	12	4
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	U	6	1.0	15	18	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		77%				
17060-07-0	1,2-Dichloroethane-D4		77%				
2037-26-5	Toluene-D8		80%				
460-00-4	P-Bromofluorobenzene		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date:
Analysis Date: 02-APR-2007 14:37
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 93.7

Lab ID: SA1374-2
Client ID: JAX25-SB105-01
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
	m+p-Xylenes	U	4	1.0	10	11	4
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	U	6	1.0	15	17	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		77%				
17060-07-0	1,2-Dichloroethane-D4		75%				
2037-26-5	Toluene-D8		85%				
460-00-4	P-Bromofluorobenzene		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date:
Analysis Date: 02-APR-2007 15:14
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 86.0

Lab ID: SA1374-3
Client ID: JAX25-SB106-03
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	1	1.0	5	6	1
	m+p-Xylenes	U	5	1.0	10	12	5
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	U	7	1.0	15	19	7
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		72%				
17060-07-0	1,2-Dichloroethane-D4		71%				
2037-26-5	Toluene-D8		76%				
460-00-4	P-Bromofluorobenzene		66%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date:
Analysis Date: 02-APR-2007 15:52
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 88.4

Lab ID: SA1374-4
Client ID: JAX25-SB107-03
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	1.0	1.0	5	5	1.0
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	6	1.0	15	16	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		90%				
17060-07-0	1,2-Dichloroethane-D4		94%				
2037-26-5	Toluene-D8		96%				
460-00-4	P-Bromofluorobenzene		107%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date:
Analysis Date: 02-APR-2007 16:29
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 91.7

Lab ID: SA1374-5
Client ID: JAX25-SB80-03
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
	m+p-Xylenes	L	4600	1.0	10	12	4
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	L	4600	1.0	15	18	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		J 0%				
17060-07-0	1,2-Dichloroethane-D4		J 0%				
2037-26-5	Toluene-D8		J 0%				
460-00-4	P-Bromofluorobenzene		J 0%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date:
Analysis Date: 04-APR-2007 14:36
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 91.7

Lab ID: SA1374-5RA
Client ID: JAX25-SB80-03
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37601
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
	m+p-Xylenes	L	4600	1.0	10	11	4
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	L	4600	1.0	15	17	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		J 0%				
17060-07-0	1,2-Dichloroethane-D4		J 0%				
2037-26-5	Toluene-D8		J 0%				
460-00-4	P-Bromofluorobenzene		J1960%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date:
Analysis Date: 05-APR-2007 21:33
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 91.7

Lab ID: SA1374-5DL
Client ID: JAX25-SB80-03
SDG: SA1374
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	5700	1.0	5	15000	5700
71-43-2	Benzene	U	2800	1.0	5	15000	2800
100-41-4	Ethylbenzene	I	3600	1.0	5	15000	2400
	m+p-Xylenes	U	12000	1.0	10	30000	12000
95-47-6	o-Xylene	U	4700	1.0	5	15000	4700
1330-20-7	Xylenes (total)	U	16000	1.0	15	45000	16000
1634-04-4	Methyl tert-butyl ether	U	5200	1.0	5	15000	5200
1868-53-7	Dibromofluoromethane		82%				
17060-07-0	1,2-Dichloroethane-D4		79%				
2037-26-5	Toluene-D8		94%				
460-00-4	P-Bromofluorobenzene		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date:
Analysis Date: 02-APR-2007 17:07
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 93.3

Lab ID: SA1374-6
Client ID: JAX25-SB108-03
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
	m+p-Xylenes	U	4	1.0	10	11	4
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	U	6	1.0	15	16	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		66%				
17060-07-0	1,2-Dichloroethane-D4		60%				
2037-26-5	Toluene-D8		84%				
460-00-4	P-Bromofluorobenzene		94%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date:
Analysis Date: 04-APR-2007 13:59
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 92.8

Lab ID: SA1374-7RA
Client ID: JAX25-SB109-03
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37601
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	1.0	1.0	5	5	1.0
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	6	1.0	15	16	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		89%				
17060-07-0	1,2-Dichloroethane-D4		86%				
2037-26-5	Toluene-D8		87%				
460-00-4	P-Bromofluorobenzene		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date:
Analysis Date: 02-APR-2007 18:22
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 89.5

Lab ID: SA1374-8
Client ID: JAX25-SB110-03
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		76%				
17060-07-0	1,2-Dichloroethane-D4		72%				
2037-26-5	Toluene-D8		91%				
460-00-4	P-Bromofluorobenzene		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 02/12/07
Received Date: 03/30/07
Extraction Date:
Analysis Date: 04-APR-2007 18:03
Report Date: 04/09/2007
Matrix: WATER
% Solids: NA

Lab ID: SA1374-9
Client ID: TRIP BLANK
SDG: SA1374
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37599
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.4	1.0	1	1	0.4
71-43-2	Benzene	U	0.5	1.0	1	1	0.5
100-41-4	Ethylbenzene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	U	1.0	1.0	2	2	1.0
95-47-6	o-Xylene	U	0.4	1.0	1	1	0.4
1330-20-7	Xylenes (total)	U	1	1.0	3	3	1
1634-04-4	Methyl tert-butyl ether	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		98%				
17060-07-0	1,2-Dichloroethane-D4		102%				
2037-26-5	Toluene-D8		98%				
460-00-4	P-Bromofluorobenzene		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 02-APR-2007 12:27
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 100

Lab ID: WG37509-2
Client ID: WG37509-Blank
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		78%				
17060-07-0	1,2-Dichloroethane-D4		77%				
2037-26-5	Toluene-D8		80%				
460-00-4	P-Bromofluorobenzene		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04-APR-2007 12:49
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 100

Lab ID: WG37601-2
Client ID: WG37601-Blank
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37601
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		83%				
17060-07-0	1,2-Dichloroethane-D4		87%				
2037-26-5	Toluene-D8		85%				
460-00-4	P-Bromofluorobenzene		95%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04-APR-2007 12:02
Report Date: 04/09/2007
Matrix: WATER
% Solids: NA

Lab ID: WG37599-2
Client ID: WG37599-Blank
SDG: SA1374
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37599
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.4	1.0	1	1	0.4
71-43-2	Benzene	U	0.5	1.0	1	1	0.5
100-41-4	Ethylbenzene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	U	1.0	1.0	2	2	1.0
95-47-6	o-Xylene	U	0.4	1.0	1	1	0.4
1330-20-7	Xylenes (total)	U	1	1.0	3	3	1
1634-04-4	Methyl tert-butyl ether	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		96%				
17060-07-0	1,2-Dichloroethane-D4		96%				
2037-26-5	Toluene-D8		102%				
460-00-4	P-Bromofluorobenzene		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 05-APR-2007 13:44
Report Date: 04/09/2007
Matrix: WATER
% Solids: NA

Lab ID: WG37635-2
Client ID: WG37635-Blank
SDG: SA1374
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.4	1.0	1	1	0.4
71-43-2	Benzene	U	0.5	1.0	1	1	0.5
100-41-4	Ethylbenzene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	U	1.0	1.0	2	2	1.0
95-47-6	o-Xylene	U	0.4	1.0	1	1	0.4
1330-20-7	Xylenes (total)	U	1	1.0	3	3	1
1634-04-4	Methyl tert-butyl ether	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		87%				
17060-07-0	1,2-Dichloroethane-D4		88%				
2037-26-5	Toluene-D8		95%				
460-00-4	P-Bromofluorobenzene		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 05-APR-2007 14:16
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 100

Lab ID: WG37635-4
Client ID: WG37635-MeOHBlank
SDG: SA1374
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	94	1.0	5	250	94
71-43-2	Benzene	U	46	1.0	5	250	46
100-41-4	Ethylbenzene	U	40	1.0	5	250	40
	m+p-Xylenes	U	190	1.0	10	500	190
95-47-6	o-Xylene	U	77	1.0	5	250	77
1330-20-7	Xylenes (total)	U	270	1.0	15	750	270
1634-04-4	Methyl tert-butyl ether	U	87	1.0	5	250	87
1868-53-7	Dibromofluoromethane		88%				
17060-07-0	1,2-Dichloroethane-D4		89%				
2037-26-5	Toluene-D8		94%				
460-00-4	P-Bromofluorobenzene		91%				

FORM 2

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Level:(low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	WG37509-LCS	WG37509-1	75	69	83	89	0
02	WG37509-BLANK	WG37509-2	78	77	80	96	0
03	JAX25-SB104-03	SA1374-1	77	77	80	89	0
04	JAX25-SB105-01	SA1374-2	77	75	85	89	0
05	JAX25-SB106-03	SA1374-3	72	71	76	66	0
06	JAX25-SB107-03	SA1374-4	90	94	96	107	0
07	JAX25-SB80-03	SA1374-5	0J	0J	0J	0J	4
08	JAX25-SB108-03	SA1374-6	66	60	84	94	0
09	JAX25-SB110-03	SA1374-8	76	72	91	86	0
10	WG37601-LCS	WG37601-1	88	81	86	98	0
11	WG37601-BLANK	WG37601-2	83	87	85	95	0
12	JAX25-SB109-03	SA1374-7RA	89	86	87	90	0
13	JAX25-SB80-03	SA1374-5RA	0J	0J	0J	1960J	4
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							

		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(51-138)
SMC2 (DCA)	= 1,2-Dichloroethane-D4	(58-136)
SMC3 (TOL)	= Toluene-D8	(46-128)
SMC4 (BFB)	= P-Bromofluorobenzene	(33-137)

Column to be used to flag recovery values

J Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 2
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Level:(low/med) MED

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	WG37635-MEOHLCS	WG37635-3	88	86	95	92	0
02	WG37635-MEOHBLANK	WG37635-4	88	89	94	91	0
03	JAX25-SB80-03	SA1374-5DL	82	79	94	90	0
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							

		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(51-138)
SMC2 (DCA)	= 1,2-Dichloroethane-D4	(58-136)
SMC3 (TOL)	= Toluene-D8	(46-128)
SMC4 (BFB)	= P-Bromofluorobenzene	(33-137)

Column to be used to flag recovery values

J Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 2

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	WG37599-LCS	WG37599-1	91	90	97	93	0
02	WG37599-BLANK	WG37599-2	96	96	102	98	0
03	TRIP BLANK	SA1374-9	98	102	98	96	0
04	WG37635-LCS	WG37635-1	88	86	97	94	0
05	WG37635-BLANK	WG37635-2	87	88	95	93	0
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							

		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(64-133)
SMC2 (DCA)	= 1,2-Dichloroethane-D4	(63-148)
SMC3 (TOL)	= Toluene-D8	(78-121)
SMC4 (BFB)	= P-Bromofluorobenzene	(81-117)

Column to be used to flag recovery values

J Values outside of contract required QC limits

D System Monitoring Compound diluted out

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/02/07
Report Date: 04/09/2007
Matrix: SOIL

Lab ID: WG37509-1
Client ID: WG37509-LCS
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	43	86	10-200
Chloromethane	50	NA	42	85	50-130
Vinyl chloride	50	NA	38	77	16-149
Bromomethane	50	NA	39	78	29-151
Chloroethane	50	NA	42	83	50-127
Trichlorofluoromethane	50	NA	41	82	56-141
Diethyl Ether	50	NA	39	79	53-139
Tertiary-butyl alcohol	250	NA	208	83	60-146
1,1-Dichloroethene	50	NA	40	80	68-134
Carbon Disulfide	50	NA	37	74	54-154
Freon-113	50	NA	40	80	73-131
Iodomethane	50	NA	47	94	10-175
Acrolein	250	NA	221	88	46-154
Methylene Chloride	50	NA	38	76	65-139
Acetone	50	NA	41	81	20-160
Isobutyl Alcohol	1000	NA	943	94	50-145
trans-1,2-Dichloroethene	50	NA	44	87	67-139
Allyl Chloride	50	NA	43	86	51-180
Methyl tert-butyl ether	100	NA	84	84	83-128
Acetonitrile	500	NA	401	80	31-157
Di-isopropyl ether	50	NA	42	83	69-136
Chloroprene	50	NA	43	85	83-121
Methacrylonitrile	500	NA	451	90	66-137
Propionitrile	500	NA	446	89	38-157
1,1-Dichloroethane	50	NA	49	97	74-129
Acrylonitrile	250	NA	195	78	42-155
Ethyl tertiary-butyl ether	50	NA	46	91	77-129
Vinyl Acetate	50	NA	45	90	64-102
cis-1,2-Dichloroethene	50	NA	46	91	72-130
1,2-Dichloroethylene (total)	100	NA	89	89	70-134
Methyl Methacrylate	50	NA	43	86	80-130
2,2-Dichloropropane	50	NA	48	96	76-132
Bromochloromethane	50	NA	51	101	81-127
Chloroform	50	NA	48	97	80-125
Carbon Tetrachloride	50	NA	47	94	69-148
Tetrahydrofuran	50	NA	46	92	64-147
1,1,1-Trichloroethane	50	NA	47	95	83-130
1,1-Dichloropropene	50	NA	50	99	86-127
2-Butanone	50	NA	44	89	30-160
Benzene	50	NA	52	103	81-121
Cyclohexane	50	NA	48	95	64-138
Ethyl Methacrylate	50	NA	48	96	76-129
Tertiary-amyl methyl ether	50	NA	46	92	76-126
1,2-Dichloroethane	50	NA	47	94	69-148
Trichloroethene	50	NA	49	98	86-121

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/02/07
Report Date: 04/09/2007
Matrix: SOIL

Lab ID: WG37509-1
Client ID: WG37509-LCS
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dibromomethane	50	NA	48	96	75-131
1,2-Dichloropropane	50	NA	51	102	78-125
Bromodichloromethane	50	NA	47	94	78-123
cis-1,3-dichloropropene	50	NA	50	99	91-121
1,4-Dioxane	1000	NA	792	79	61-151
2-Chloroethylvinylether	50	NA	51	102	30-135
Toluene	50	NA	50	100	86-120
4-methyl-2-pentanone	50	NA	44	89	79-130
Tetrachloroethene	50	NA	48	96	74-136
trans-1,3-Dichloropropene	50	NA	53	107	88-134
1,1,2-Trichloroethane	50	NA	48	96	85-116
Dibromochloromethane	50	NA	47	93	81-120
1,3-Dichloropropane	50	NA	49	97	90-112
1,2-Dibromoethane	50	NA	50	101	89-119
2-Hexanone	50	NA	50	99	84-132
Chlorobenzene	50	NA	52	103	86-114
Ethylbenzene	50	NA	51	102	88-114
1,1,1,2-Tetrachloroethane	50	NA	51	103	83-126
Xylenes (total)	150	NA	146	97	84-118
m+p-Xylenes	100	NA	98	98	84-119
o-Xylene	50	NA	48	96	82-120
Styrene	50	NA	45	90	85-115
Bromoform	50	NA	49	97	84-124
Isopropylbenzene	50	NA	54	108	92-126
cis-1,4-Dichloro-2-Butene	50	NA	42	85	75-128
trans-1,4-Dichloro-2-Butene	50	NA	41	81	73-125
Bromobenzene	50	NA	47	94	84-116
N-Propylbenzene	50	NA	48	97	81-121
1,1,2,2-Tetrachloroethane	50	NA	48	97	74-128
1,3,5-Trimethylbenzene	50	NA	47	94	87-114
2-Chlorotoluene	50	NA	47	94	83-117
1,2,3-Trichloropropane	50	NA	65	129	38-138
4-Chlorotoluene	50	NA	47	94	84-117
tert-Butylbenzene	50	NA	49	98	72-128
Pentachloroethane	50	NA	44	88	75-119
1,2,4-Trimethylbenzene	50	NA	47	94	88-113
P-Isopropyltoluene	50	NA	46	93	85-123
1,3-Dichlorobenzene	50	NA	48	95	84-118
1,4-Dichlorobenzene	50	NA	52	104	87-117
N-Butylbenzene	50	NA	48	96	83-116
sec-Butylbenzene	50	NA	46	92	87-115
1,2-Dichlorobenzene	50	NA	46	92	86-114
1,2-Dibromo-3-Chloropropane	50	NA	48	95	83-117
1,3,5-Trichlorobenzene	50	NA	51	101	67-127
Hexachlorobutadiene	50	NA	47	94	77-122

FORM III VOA-2
F5122.D

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/02/07
Report Date: 04/09/2007
Matrix: SOIL

Lab ID: WG37509-1
Client ID: WG37509-LCS
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	50	99	74-124
1,2,3-Trimethylbenzene	50	NA	50	99	84-116
Naphthalene	50	NA	44	88	29-166
1,2,3-Trichlorobenzene	50	NA	47	95	45-155
Methyl Acetate	50	NA	44	88	36-185
Methylcyclohexane	50	NA	43	86	68-131
1-Chlorohexane	50	NA	46	91	70-130
Total Alkylbenzenes	400	NA	332	83	60-140

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/04/07
Report Date: 04/09/2007
Matrix: SOIL

Lab ID: WG37601-1
Client ID: WG37601-LCS
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37601
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	117	*	234	10-200
Chloromethane	50	NA	70	*	140	50-130
Vinyl chloride	50	NA	74		147	16-149
Bromomethane	50	NA	66		132	29-151
Chloroethane	50	NA	63		126	50-127
Trichlorofluoromethane	50	NA	75	*	150	56-141
Diethyl Ether	50	NA	59		117	53-139
Tertiary-butyl alcohol	250	NA	265		106	60-146
1,1-Dichloroethene	50	NA	59		117	68-134
Carbon Disulfide	50	NA	47		95	54-154
Freon-113	50	NA	52		105	73-131
Iodomethane	50	NA	50		101	10-175
Acrolein	250	NA	268		107	46-154
Methylene Chloride	50	NA	56		112	65-139
Acetone	50	NA	53		106	20-160
Isobutyl Alcohol	1000	NA	964		96	50-145
trans-1,2-Dichloroethene	50	NA	53		106	67-139
Allyl Chloride	50	NA	56		112	51-180
Methyl tert-butyl ether	100	NA	112		112	83-128
Acetonitrile	500	NA	549		110	31-157
Di-isopropyl ether	50	NA	58		115	69-136
Chloroprene	50	NA	57		114	83-121
Methacrylonitrile	500	NA	478		96	66-137
Propionitrile	500	NA	477		95	38-157
1,1-Dichloroethane	50	NA	61		122	74-129
Acrylonitrile	250	NA	257		103	42-155
Ethyl tertiary-butyl ether	50	NA	51		102	77-129
Vinyl Acetate	50	NA	62	*	124	64-102
cis-1,2-Dichloroethene	50	NA	48		97	72-130
1,2-Dichloroethylene (total)	100	NA	102		102	70-134
Methyl Methacrylate	50	NA	45		90	80-130
2,2-Dichloropropane	50	NA	56		113	76-132
Bromochloromethane	50	NA	52		104	81-127
Chloroform	50	NA	55		109	80-125
Carbon Tetrachloride	50	NA	52		103	69-148
Tetrahydrofuran	50	NA	48		96	64-147
1,1,1-Trichloroethane	50	NA	55		109	83-130
1,1-Dichloropropene	50	NA	49		98	86-127
2-Butanone	50	NA	48		95	30-160
Benzene	50	NA	48		96	81-121
Cyclohexane	50	NA	53		106	64-138
Ethyl Methacrylate	50	NA	45		90	76-129
Tertiary-amyl methyl ether	50	NA	50		101	76-126
1,2-Dichloroethane	50	NA	52		103	69-148
Trichloroethene	50	NA	51		101	86-121

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/04/07
Report Date: 04/09/2007
Matrix: SOIL

Lab ID: WG37601-1
Client ID: WG37601-LCS
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37601
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dibromomethane	50	NA	50	99	75-131
1,2-Dichloropropane	50	NA	51	102	78-125
Bromodichloromethane	50	NA	46	93	78-123
cis-1,3-dichloropropene	50	NA	51	102	91-121
1,4-Dioxane	1000	NA	835	84	61-151
2-Chloroethylvinylether	50	NA	49	99	30-135
Toluene	50	NA	48	97	86-120
4-methyl-2-pentanone	50	NA	47	94	79-130
Tetrachloroethene	50	NA	54	107	74-136
trans-1,3-Dichloropropene	50	NA	53	106	88-134
1,1,2-Trichloroethane	50	NA	47	94	85-116
Dibromochloromethane	50	NA	55	110	81-120
1,3-Dichloropropane	50	NA	51	103	90-112
1,2-Dibromoethane	50	NA	46	93	89-119
2-Hexanone	50	NA	49	98	84-132
Chlorobenzene	50	NA	49	97	86-114
Ethylbenzene	50	NA	50	101	88-114
1,1,1,2-Tetrachloroethane	50	NA	50	101	83-126
Xylenes (total)	150	NA	166	111	84-118
m+p-Xylenes	100	NA	114	114	84-119
o-Xylene	50	NA	52	105	82-120
Styrene	50	NA	50	100	85-115
Bromoform	50	NA	52	104	84-124
Isopropylbenzene	50	NA	58	117	92-126
cis-1,4-Dichloro-2-Butene	50	NA	59	118	75-128
trans-1,4-Dichloro-2-Butene	50	NA	55	110	73-125
Bromobenzene	50	NA	52	104	84-116
N-Propylbenzene	50	NA	58	116	81-121
1,1,2,2-Tetrachloroethane	50	NA	51	102	74-128
1,3,5-Trimethylbenzene	50	NA	55	110	87-114
2-Chlorotoluene	50	NA	55	111	83-117
1,2,3-Trichloropropane	50	NA	57	113	38-138
4-Chlorotoluene	50	NA	58	117	84-117
tert-Butylbenzene	50	NA	54	109	72-128
Pentachloroethane	50	NA	55	111	75-119
1,2,4-Trimethylbenzene	50	NA	53	106	88-113
P-Isopropyltoluene	50	NA	52	104	85-123
1,3-Dichlorobenzene	50	NA	53	105	84-118
1,4-Dichlorobenzene	50	NA	55	110	87-117
N-Butylbenzene	50	NA	53	107	83-116
sec-Butylbenzene	50	NA	54	107	87-115
1,2-Dichlorobenzene	50	NA	57	113	86-114
1,2-Dibromo-3-Chloropropane	50	NA	55	110	83-117
1,3,5-Trichlorobenzene	50	NA	54	107	67-127
Hexachlorobutadiene	50	NA	53	106	77-122

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/04/07
Report Date: 04/09/2007
Matrix: SOIL

Lab ID: WG37601-1
Client ID: WG37601-LCS
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37601
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	55	109	74-124
1,2,3-Trimethylbenzene	50	NA	51	102	84-116
Naphthalene	50	NA	49	98	29-166
1,2,3-Trichlorobenzene	50	NA	51	103	45-155
Methyl Acetate	50	NA	45	90	36-185
Methylcyclohexane	50	NA	50	101	68-131
1-Chlorohexane	50	NA	51	101	70-130
Total Alkylbenzenes	400	NA	380	95	60-140

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/04/07
Report Date: 04/09/2007
Matrix: WATER

Lab ID: WG37599-1
Client ID: WG37599-LCS
SDG: SA1374
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37599
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	80		160	10-200
Chloromethane	50	NA	63	*	126	40-125
Vinyl chloride	50	NA	62		125	27-143
Bromomethane	50	NA	59		118	52-141
Chloroethane	50	NA	75	*	149	64-124
Trichlorofluoromethane	50	NA	81	*	161	63-153
Diethyl Ether	50	NA	50		99	63-146
Tertiary-butyl alcohol	250	NA	211		84	50-150
1,1-Dichloroethene	50	NA	54		108	85-129
Carbon Disulfide	50	NA	41		82	80-134
Freon-113	50	NA	58		116	79-129
Iodomethane	50	NA	66		131	67-144
Acrolein	250	NA	217		87	10-200
Methylene Chloride	50	NA	50		99	86-124
Acetone	50	NA	47		95	41-180
Isobutyl Alcohol	1000	NA	884		88	20-176
trans-1,2-Dichloroethene	50	NA	52		105	80-128
Allyl Chloride	50	NA	53		106	68-133
Methyl tert-butyl ether	100	NA	102		102	79-132
Acetonitrile	500	NA	432		86	35-171
Di-isopropyl ether	50	NA	51		101	82-122
Chloroprene	50	NA	54		107	77-133
Methacrylonitrile	500	NA	472		94	73-137
Propionitrile	500	NA	445		89	54-148
1,1-Dichloroethane	50	NA	55		110	90-127
Acrylonitrile	250	NA	224		90	70-135
Ethyl tertiary-butyl ether	50	NA	50		100	84-122
Vinyl Acetate	50	NA	62	*	125	47-122
cis-1,2-Dichloroethene	50	NA	49		97	84-121
1,2-Dichloroethylene (total)	100	NA	101		101	83-123
Methyl Methacrylate	50	NA	46		92	73-133
2,2-Dichloropropane	50	NA	56		112	68-149
Bromochloromethane	50	NA	50		101	87-120
Chloroform	50	NA	56		112	87-127
Carbon Tetrachloride	50	NA	60		120	74-149
Tetrahydrofuran	50	NA	43		86	46-154
1,1,1-Trichloroethane	50	NA	57		114	76-145
1,1-Dichloropropene	50	NA	55		110	87-130
2-Butanone	50	NA	44		87	30-150
Benzene	50	NA	52		104	90-116
Cyclohexane	50	NA	55		110	70-130
Ethyl Methacrylate	50	NA	52		103	60-138
Tertiary-amyl methyl ether	50	NA	49		98	82-118
1,2-Dichloroethane	50	NA	52		104	71-149
Trichloroethene	50	NA	52		105	83-132

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/04/07
Report Date: 04/09/2007
Matrix: WATER

Lab ID: WG37599-1
Client ID: WG37599-LCS
SDG: SA1374
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37599
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dibromomethane	50	NA	48	97	76-132
1,2-Dichloropropane	50	NA	51	103	95-112
Bromodichloromethane	50	NA	51	102	76-132
cis-1,3-dichloropropene	50	NA	52	103	85-127
1,4-Dioxane	1000	NA	871	87	10-125
2-Chloroethylvinylether	50	NA	54	108	20-137
Toluene	50	NA	53	106	85-122
4-methyl-2-pentanone	50	NA	48	96	63-154
Tetrachloroethene	50	NA	55	110	48-155
trans-1,3-Dichloropropene	50	NA	54	108	85-144
1,1,2-Trichloroethane	50	NA	51	102	78-124
Dibromochloromethane	50	NA	52	105	63-128
1,3-Dichloropropane	50	NA	51	102	65-127
1,2-Dibromoethane	50	NA	49	98	75-129
2-Hexanone	50	NA	47	94	47-160
Chlorobenzene	50	NA	50	100	68-128
Ethylbenzene	50	NA	55	110	76-124
1,1,1,2-Tetrachloroethane	50	NA	54	108	69-133
Xylenes (total)	150	NA	161	107	67-129
m+p-Xylenes	100	NA	108	108	68-127
o-Xylene	50	NA	53	106	64-133
Styrene	50	NA	50	101	66-130
Bromoform	50	NA	51	103	59-135
Isopropylbenzene	50	NA	60	120	95-140
cis-1,4-Dichloro-2-Butene	50	NA	48	97	56-155
trans-1,4-Dichloro-2-Butene	50	NA	48	96	66-151
Bromobenzene	50	NA	47	95	86-122
N-Propylbenzene	50	NA	56	111	92-124
1,1,2,2-Tetrachloroethane	50	NA	48	97	75-128
1,3,5-Trimethylbenzene	50	NA	54	108	86-127
2-Chlorotoluene	50	NA	53	106	84-129
1,2,3-Trichloropropane	50	NA	48	96	57-145
4-Chlorotoluene	50	NA	52	104	83-129
tert-Butylbenzene	50	NA	54	109	86-131
Pentachloroethane	50	NA	51	101	22-197
1,2,4-Trimethylbenzene	50	NA	54	109	85-124
P-Isopropyltoluene	50	NA	57	113	84-131
1,3-Dichlorobenzene	50	NA	53	106	81-121
1,4-Dichlorobenzene	50	NA	53	106	81-120
N-Butylbenzene	50	NA	55	110	67-138
sec-Butylbenzene	50	NA	57	113	82-128
1,2-Dichlorobenzene	50	NA	50	99	74-124
1,2-Dibromo-3-Chloropropane	50	NA	43	86	55-151
1,3,5-Trichlorobenzene	50	NA	49	99	77-122
Hexachlorobutadiene	50	NA	50	99	75-119

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/04/07
Report Date: 04/09/2007
Matrix: WATER

Lab ID: WG37599-1
Client ID: WG37599-LCS
SDG: SA1374
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37599
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	48	95	64-125
1,2,3-Trimethylbenzene	50	NA	52	104	84-122
Naphthalene	50	NA	45	90	40-137
1,2,3-Trichlorobenzene	50	NA	47	94	38-140
Methyl Acetate	50	NA	39	78	61-168
Methylcyclohexane	50	NA	49	98	81-130
1-Chlorohexane	50	NA	52	103	80-120
Total Alkylbenzenes	350	NA	386	110	60-140

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/05/07
Report Date: 04/09/2007
Matrix: WATER

Lab ID: WG37635-1
Client ID: WG37635-LCS
SDG: SA1374
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	76		151	10-200
Chloromethane	50	NA	63	*	126	40-125
Vinyl chloride	50	NA	61		123	27-143
Bromomethane	50	NA	54		107	52-141
Chloroethane	50	NA	59		118	64-124
Trichlorofluoromethane	50	NA	72		144	63-153
Diethyl Ether	50	NA	49		97	63-146
Tertiary-butyl alcohol	250	NA	202		81	50-150
1,1-Dichloroethene	50	NA	49		98	85-129
Carbon Disulfide	50	NA	38	*	75	80-134
Freon-113	50	NA	52		104	79-129
Iodomethane	50	NA	59		117	67-144
Acrolein	250	NA	303		121	10-200
Methylene Chloride	50	NA	46		93	86-124
Acetone	50	NA	44		89	41-180
Isobutyl Alcohol	1000	NA	869		87	20-176
trans-1,2-Dichloroethene	50	NA	50		100	80-128
Allyl Chloride	50	NA	49		98	68-133
Methyl tert-butyl ether	100	NA	97		97	79-132
Acetonitrile	500	NA	457		91	35-171
Di-isopropyl ether	50	NA	49		99	82-122
Chloroprene	50	NA	49		98	77-133
Methacrylonitrile	500	NA	460		92	73-137
Propionitrile	500	NA	446		89	54-148
1,1-Dichloroethane	50	NA	51		101	90-127
Acrylonitrile	250	NA	229		92	70-135
Ethyl tertiary-butyl ether	50	NA	47		95	84-122
Vinyl Acetate	50	NA	62	*	125	47-122
cis-1,2-Dichloroethene	50	NA	45		90	84-121
1,2-Dichloroethylene (total)	100	NA	95		95	83-123
Methyl Methacrylate	50	NA	48		95	73-133
2,2-Dichloropropane	50	NA	50		101	68-149
Bromochloromethane	50	NA	47		94	87-120
Chloroform	50	NA	51		102	87-127
Carbon Tetrachloride	50	NA	58		116	74-149
Tetrahydrofuran	50	NA	44		88	46-154
1,1,1-Trichloroethane	50	NA	52		104	76-145
1,1-Dichloropropene	50	NA	54		107	87-130
2-Butanone	50	NA	42		83	30-150
Benzene	50	NA	50		101	90-116
Cyclohexane	50	NA	53		106	70-130
Ethyl Methacrylate	50	NA	52		104	60-138
Tertiary-amyl methyl ether	50	NA	47		94	82-118
1,2-Dichloroethane	50	NA	51		102	71-149
Trichloroethene	50	NA	50		101	83-132

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/05/07
Report Date: 04/09/2007
Matrix: WATER

Lab ID: WG37635-1
Client ID: WG37635-LCS
SDG: SA1374
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dibromomethane	50	NA	48	97	76-132
1,2-Dichloropropane	50	NA	51	103	95-112
Bromodichloromethane	50	NA	51	102	76-132
cis-1,3-dichloropropene	50	NA	51	102	85-127
1,4-Dioxane	1000	NA	833	83	10-125
2-Chloroethylvinylether	50	NA	49	97	20-137
Toluene	50	NA	52	104	85-122
4-methyl-2-pentanone	50	NA	50	101	63-154
Tetrachloroethene	50	NA	54	108	48-155
trans-1,3-Dichloropropene	50	NA	54	107	85-144
1,1,2-Trichloroethane	50	NA	50	100	78-124
Dibromochloromethane	50	NA	52	105	63-128
1,3-Dichloropropane	50	NA	52	103	65-127
1,2-Dibromoethane	50	NA	49	97	75-129
2-Hexanone	50	NA	48	96	47-160
Chlorobenzene	50	NA	50	100	68-128
Ethylbenzene	50	NA	52	104	76-124
1,1,1,2-Tetrachloroethane	50	NA	55	109	69-133
Xylenes (total)	150	NA	160	107	67-129
m+p-Xylenes	100	NA	106	106	68-127
o-Xylene	50	NA	54	107	64-133
Styrene	50	NA	50	101	66-130
Bromoform	50	NA	51	103	59-135
Isopropylbenzene	50	NA	59	117	95-140
cis-1,4-Dichloro-2-Butene	50	NA	49	99	56-155
trans-1,4-Dichloro-2-Butene	50	NA	49	97	66-151
Bromobenzene	50	NA	48	96	86-122
N-Propylbenzene	50	NA	54	108	92-124
1,1,2,2-Tetrachloroethane	50	NA	49	99	75-128
1,3,5-Trimethylbenzene	50	NA	53	105	86-127
2-Chlorotoluene	50	NA	52	105	84-129
1,2,3-Trichloropropane	50	NA	49	98	57-145
4-Chlorotoluene	50	NA	51	102	83-129
tert-Butylbenzene	50	NA	53	106	86-131
Pentachloroethane	50	NA	50	100	22-197
1,2,4-Trimethylbenzene	50	NA	53	105	85-124
P-Isopropyltoluene	50	NA	54	108	84-131
1,3-Dichlorobenzene	50	NA	52	103	81-121
1,4-Dichlorobenzene	50	NA	52	105	81-120
N-Butylbenzene	50	NA	52	104	67-138
sec-Butylbenzene	50	NA	54	107	82-128
1,2-Dichlorobenzene	50	NA	49	98	74-124
1,2-Dibromo-3-Chloropropane	50	NA	44	88	55-151
1,3,5-Trichlorobenzene	50	NA	49	98	77-122
Hexachlorobutadiene	50	NA	45	91	75-119

FORM III VOA-1
T5117.D

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/05/07
Report Date: 04/09/2007
Matrix: WATER

Lab ID: WG37635-1
Client ID: WG37635-LCS
SDG: SA1374
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	47	94	64-125
1,2,3-Trimethylbenzene	50	NA	52	103	84-122
Naphthalene	50	NA	46	91	40-137
1,2,3-Trichlorobenzene	50	NA	46	92	38-140
Methyl Acetate	50	NA	37	73	61-168
Methylcyclohexane	50	NA	46	91	81-130
1-Chlorohexane	50	NA	50	101	80-120
Total Alkylbenzenes	350	NA	372	106	60-140

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/05/07
Report Date: 04/09/2007
Matrix: SOIL

Lab ID: WG37635-3
Client ID: WG37635-MeOHLCS
SDG: SA1374
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dichlorodifluoromethane	2500	NA	3820		153	10-200
Chloromethane	2500	NA	3100		124	40-125
Vinyl chloride	2500	NA	3160		126	27-143
Bromomethane	2500	NA	2060		82	52-141
Chloroethane	2500	NA	2200		88	64-124
Trichlorofluoromethane	2500	NA	1720		69	63-153
Diethyl Ether	2500	NA	964	*	38	63-146
Tertiary-butyl alcohol		NA				50-150
1,1-Dichloroethene	2500	NA	1630	*	65	85-129
Carbon Disulfide	2500	NA	1660	*	66	80-134
Freon-113	2500	NA	2330		93	79-129
Iodomethane	2500	NA	2130		85	67-144
Acrolein	12500	NA	14500		116	10-200
Methylene Chloride	2500	NA	2050	*	82	86-124
Acetone	2500	NA	2080		83	41-180
Isobutyl Alcohol	50000	NA	2580	*	5	20-176
trans-1,2-Dichloroethene	2500	NA	2410		96	80-128
Allyl Chloride	2500	NA	2520		101	68-133
Methyl tert-butyl ether	5000	NA	4790		96	79-132
Acetonitrile	25000	NA	9820		39	35-171
Di-isopropyl ether	2500	NA	2480		99	82-122
Chloroprene	2500	NA	2580		103	77-133
Methacrylonitrile	25000	NA	22600		90	73-137
Propionitrile	25000	NA	22500		90	54-148
1,1-Dichloroethane	2500	NA	2620		105	90-127
Acrylonitrile	12500	NA	11600		93	70-135
Ethyl tertiary-butyl ether	2500	NA	2420		97	84-122
Vinyl Acetate	2500	NA	3150	*	126	47-122
cis-1,2-Dichloroethene	2500	NA	2330		93	84-121
1,2-Dichloroethylene (total)	5000	NA	4750		95	83-123
Methyl Methacrylate	2500	NA	2280		91	73-133
2,2-Dichloropropane	2500	NA	2720		109	68-149
Bromochloromethane	2500	NA	2260		90	87-120
Chloroform	2500	NA	2620		105	87-127
Carbon Tetrachloride	2500	NA	2940		118	74-149
Tetrahydrofuran	2500	NA	2160		86	46-154
1,1,1-Trichloroethane	2500	NA	2700		108	76-145
1,1-Dichloropropene	2500	NA	2740		110	87-130
2-Butanone	2500	NA	2120		85	30-150
Benzene	2500	NA	2590		104	90-116
Cyclohexane	2500	NA	2740		110	70-130
Ethyl Methacrylate	2500	NA	2650		106	60-138
Tertiary-amyl methyl ether	2500	NA	2320		93	82-118
1,2-Dichloroethane	2500	NA	2580		103	71-149
Trichloroethene	2500	NA	2510		100	83-132

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/05/07
Report Date: 04/09/2007
Matrix: SOIL

Lab ID: WG37635-3
Client ID: WG37635-MeOHLCS
SDG: SA1374
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dibromomethane	2500	NA	2390	96	76-132
1,2-Dichloropropane	2500	NA	2600	104	95-112
Bromodichloromethane	2500	NA	2560	102	76-132
cis-1,3-dichloropropene	2500	NA	2560	102	85-127
1,4-Dioxane	50000	NA	46000	92	10-125
2-Chloroethylvinylether	2500	NA	2880	115	20-137
Toluene	2500	NA	2610	104	85-122
4-methyl-2-pentanone	2500	NA	2390	96	63-154
Tetrachloroethene	2500	NA	2750	110	48-155
trans-1,3-Dichloropropene	2500	NA	2670	107	85-144
1,1,2-Trichloroethane	2500	NA	2530	101	78-124
Dibromochloromethane	2500	NA	2570	103	63-128
1,3-Dichloropropane	2500	NA	2530	101	65-127
1,2-Dibromoethane	2500	NA	2430	97	75-129
2-Hexanone	2500	NA	2290	92	47-160
Chlorobenzene	2500	NA	2500	100	68-128
Ethylbenzene	2500	NA	2590	104	76-124
1,1,1,2-Tetrachloroethane	2500	NA	2680	107	69-133
Xylenes (total)	7500	NA	7900	105	67-129
m+p-Xylenes	5000	NA	5260	105	68-127
o-Xylene	2500	NA	2640	106	64-133
Styrene	2500	NA	2510	100	66-130
Bromoform	2500	NA	2440	98	59-135
Isopropylbenzene	2500	NA	2960	118	95-140
cis-1,4-Dichloro-2-Butene	2500	NA	2540	102	56-155
trans-1,4-Dichloro-2-Butene	2500	NA	2470	99	66-151
Bromobenzene	2500	NA	2370	95	86-122
N-Propylbenzene	2500	NA	2720	109	92-124
1,1,2,2-Tetrachloroethane	2500	NA	2390	96	75-128
1,3,5-Trimethylbenzene	2500	NA	2670	107	86-127
2-Chlorotoluene	2500	NA	2620	105	84-129
1,2,3-Trichloropropane	2500	NA	2360	94	57-145
4-Chlorotoluene	2500	NA	2570	103	83-129
tert-Butylbenzene	2500	NA	2680	107	86-131
Pentachloroethane	2500	NA	2580	103	22-197
1,2,4-Trimethylbenzene	2500	NA	2720	109	85-124
P-Isopropyltoluene	2500	NA	2780	111	84-131
1,3-Dichlorobenzene	2500	NA	2650	106	81-121
1,4-Dichlorobenzene	2500	NA	2690	108	81-120
N-Butylbenzene	2500	NA	2720	109	67-138
sec-Butylbenzene	2500	NA	2720	109	82-128
1,2-Dichlorobenzene	2500	NA	2520	101	74-124
1,2-Dibromo-3-Chloropropane	2500	NA	2230	89	55-151
1,3,5-Trichlorobenzene	2500	NA	2630	105	77-122
Hexachlorobutadiene	2500	NA	2500	100	75-119

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/05/07
Report Date: 04/09/2007
Matrix: SOIL

Lab ID: WG37635-3
Client ID: WG37635-MeOHLCS
SDG: SA1374
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	2500	NA	2470		99	64-125
1,2,3-Trimethylbenzene	2500	NA	2690		108	84-122
Naphthalene	2500	NA	2320		93	40-137
1,2,3-Trichlorobenzene	2500	NA	2400		96	38-140
Methyl Acetate	2500	NA	864	*	34	61-168
Methylcyclohexane	2500	NA	2400		96	81-130
1-Chlorohexane	2500	NA	2570		103	80-120
Total Alkylbenzenes	17500	NA	19000		108	60-140

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG37509-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: F5124 Lab Sample ID: WG37509-2

Date Analyzed: 04/02/07 Time Analyzed: 1227

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: GCMS-F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG37509-LCS	WG37509-1	F5122	04/02/07	1104
02	JAX25-SB104-03	SA1374-1	F5126	04/02/07	1359
03	JAX25-SB105-01	SA1374-2	F5127	04/02/07	1437
04	JAX25-SB106-03	SA1374-3	F5128	04/02/07	1514
05	JAX25-SB107-03	SA1374-4	F5129	04/02/07	1552
06	JAX25-SB80-03	SA1374-5	F5130	04/02/07	1629
07	JAX25-SB108-03	SA1374-6	F5131	04/02/07	1707
08	JAX25-SB110-03	SA1374-8	F5133	04/02/07	1822
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IVVOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

| WG37601-BLANK |

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: F5154 Lab Sample ID: WG37601-2

Date Analyzed: 04/04/07 Time Analyzed: 1249

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: GCMS-F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG37601-LCS	WG37601-1	F5152	04/04/07	1129
02	JAX25-SB109-03	SA1374-7RA	F5155	04/04/07	1359
03	JAX25-SB80-03	SA1374-5RA	F5156	04/04/07	1436
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IVVOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG37599-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: T5094 Lab Sample ID: WG37599-2

Date Analyzed: 04/04/07 Time Analyzed: 1202

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMS-T

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG37599-LCS	WG37599-1	T5092	04/04/07	1045
02	TRIP BLANK	SA1374-9	T5105	04/04/07	1803
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IVVOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG37635-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: T5119 Lab Sample ID: WG37635-2

Date Analyzed: 04/05/07 Time Analyzed: 1344

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMS-T

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG37635-MEOHLCS	WG37635-3	T5116	04/05/07	1135
02	WG37635-LCS	WG37635-1	T5117	04/05/07	1228
03	WG37635-MEOHBLANK	WG37635-4	T5120	04/05/07	1416
04	JAX25-SB80-03	SA1374-5DL	T5133	04/05/07	2133
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IVVOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: FB627 BFB Injection Date: 03/23/07

Instrument ID: GCMS-F BFB Injection Time: 1204

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	28.4
75	30.0 - 60.0% of mass 95	52.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	79.7
175	5.0 - 9.0% of mass 174	7.1 (8.9)1
176	95.0 - 101.0% of mass 174	80.1 (100.5)1
177	5.0 - 9.0% of mass 176	5.9 (7.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD200F23A	F5024	03/23/07	1353
02		VSTD100F23A	F5025	03/23/07	1430
03		VSTD050F23A	F5026	03/23/07	1508
04		VSTD020F23A	F5027	03/23/07	1546
05		VSTD010F23A	F5028	03/23/07	1623
06		VSTD005F23A	F5029	03/23/07	1701
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: FB633 BFB Injection Date: 04/02/07

Instrument ID: GCMS-F BFB Injection Time: 0936

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	25.5
75	30.0 - 60.0% of mass 95	55.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	85.4
175	5.0 - 9.0% of mass 174	4.3 (5.0)1
176	95.0 - 101.0% of mass 174	81.9 (95.9)1
177	5.0 - 9.0% of mass 176	5.7 (6.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050F02A	F5121	04/02/07	1005
02	WG37509-LCS	WG37509-1	F5122	04/02/07	1104
03	WG37509-BLANK	WG37509-2	F5124	04/02/07	1227
04	JAX25-SB104-03	SA1374-1	F5126	04/02/07	1359
05	JAX25-SB105-01	SA1374-2	F5127	04/02/07	1437
06	JAX25-SB106-03	SA1374-3	F5128	04/02/07	1514
07	JAX25-SB107-03	SA1374-4	F5129	04/02/07	1552
08	JAX25-SB80-03	SA1374-5	F5130	04/02/07	1629
09	JAX25-SB108-03	SA1374-6	F5131	04/02/07	1707
10	JAX25-SB110-03	SA1374-8	F5133	04/02/07	1822
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: FB634 BFB Injection Date: 04/03/07

Instrument ID: GCMS-F BFB Injection Time: 0947

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.2
75	30.0 - 60.0% of mass 95	51.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	5.6
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	80.9
175	5.0 - 9.0% of mass 174	6.5 (8.0)1
176	95.0 - 101.0% of mass 174	81.0 (100.2)1
177	5.0 - 9.0% of mass 176	4.9 (6.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD200F03A	F5142	04/03/07	1523
02		VSTD100F03A	F5143	04/03/07	1600
03		VSTD050F03D	F5144	04/03/07	1638
04		VSTD020F03A	F5145	04/03/07	1715
05		VSTD010F03A	F5146	04/03/07	1752
06		VSTD005F03A	F5147	04/03/07	1830
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: FB635 BFB Injection Date: 04/04/07

Instrument ID: GCMS-F BFB Injection Time: 1006

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	26.4
75	30.0 - 60.0% of mass 95	57.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	5.7
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	81.8
175	5.0 - 9.0% of mass 174	6.6 (8.1)1
176	95.0 - 101.0% of mass 174	82.1 (100.3)1
177	5.0 - 9.0% of mass 176	5.0 (6.1)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050F04A	F5151	04/04/07	1041
02	WG37601-LCS	WG37601-1	F5152	04/04/07	1129
03	WG37601-BLANK	WG37601-2	F5154	04/04/07	1249
04	JAX25-SB109-03	SA1374-7RA	F5155	04/04/07	1359
05	JAX25-SB80-03	SA1374-5RA	F5156	04/04/07	1436
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: TB302 BFB Injection Date: 03/29/07

Instrument ID: GCMS-T BFB Injection Time: 1342

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.0
75	30.0 - 60.0% of mass 95	42.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	96.9
175	5.0 - 9.0% of mass 174	6.1 (6.3)1
176	95.0 - 101.0% of mass 174	96.2 (99.3)1
177	5.0 - 9.0% of mass 176	5.7 (5.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD200T29A	T5019	03/29/07	1444
02		VSTD100T29A	T5020	03/29/07	1516
03		VSTD050T29A	T5021	03/29/07	1548
04		VSTD020T29A	T5022	03/29/07	1620
05		VSTD005T29A	T5023	03/29/07	1652
06		VSTD001T29A	T5024	03/29/07	1724
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: TB305 BFB Injection Date: 04/04/07

Instrument ID: GCMS-T BFB Injection Time: 0934

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	24.4
75	30.0 - 60.0% of mass 95	41.1
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.2
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	123.1
175	5.0 - 9.0% of mass 174	6.7 (5.5)1
176	95.0 - 101.0% of mass 174	117.7 (95.6)1
177	5.0 - 9.0% of mass 176	10.0 (8.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050T04A	T5091	04/04/07	1001
02	WG37599-LCS	WG37599-1	T5092	04/04/07	1045
03	WG37599-BLANK	WG37599-2	T5094	04/04/07	1202
04	TRIP BLANK	SA1374-9	T5105	04/04/07	1803
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: TB306 BFB Injection Date: 04/05/07

Instrument ID: GCMS-T BFB Injection Time: 1002

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.3
75	30.0 - 60.0% of mass 95	43.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	5.9
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	99.8
175	5.0 - 9.0% of mass 174	8.7 (8.7)1
176	95.0 - 101.0% of mass 174	99.9 (100.1)1
177	5.0 - 9.0% of mass 176	6.4 (6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050T05A	T5114	04/05/07	1029
02	WG37635-MEOHLCS	WG37635-3	T5116	04/05/07	1135
03	WG37635-LCS	WG37635-1	T5117	04/05/07	1228
04	WG37635-BLANK	WG37635-2	T5119	04/05/07	1344
05	WG37635-MEOHBLANK	WG37635-4	T5120	04/05/07	1416
06	JAX25-SB80-03	SA1374-5DL	T5133	04/05/07	2133
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GCMS-F Calibration Date(s): 03/23/07 03/23/07

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1353 1701

LAB FILE ID: RF5: F5029 RF10: F5028 RF20: F5027
RF50: F5026 RF100: F5025 RF200: F5024

COMPOUND	RF5	RF10	RF20	RF50	RF100	RF200	CURVE	COEFF. A1	%RSD OR R^2	MAX %RSD OR R^2
Toluene	0.953	0.972	0.946	0.877	0.909	1.081	AVRG	0.95660627	7.301	15.000
Benzene	1.397	1.676	1.661	1.423	1.529	1.619	AVRG	1.55069120	7.795	15.000
Ethylbenzene	2.264	2.438	2.708	2.192	2.330	2.475	AVRG	2.40103500	7.653	15.000
m+p-Xylenes	0.804	0.836	0.840	0.751	0.858	0.886	AVRG	0.82926589	5.662	15.000
o-Xylene	0.828	0.775	0.845	0.732	0.771	0.811	AVRG	0.79382007	5.267	15.000
Xylenes (total)							AVRG			0.000
Methyl tert-butyl ether	1.675	1.974	1.989	1.670	1.890	1.939	AVRG	1.85609287	7.882	15.000
Dibromofluoromethane	0.841	0.948	0.866	0.757	0.855	0.886	AVRG	0.85897285	7.259	15.000
1,2-Dichloroethane-D4	1.099	1.060	0.964	0.846	0.880	0.968	AVRG	0.96933127	10.146	15.000
Toluene-D8	1.397	1.555	1.326	1.237	1.210	1.382	AVRG	1.35097878	9.257	15.000
P-Bromofluorobenzene	0.591	0.622	0.551	0.543	0.529	0.596	AVRG	0.57223295	6.329	15.000

Average %RSD test result.

Calculate Average %RSD: 8.646585464
Maximum Average %RSD: 15.00000000

Note: Passes Average %RSD Test.

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GCMS-F Calibration Date(s): 04/03/07 04/03/07

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1523 1830

LAB FILE ID: RF5: F5147 RF10: F5146 RF20: F5145
RF50: F5144 RF100: F5143 RF200: F5142

COMPOUND	RF5	RF10	RF20	RF50	RF100	RF200	CURVE	COEFF. A1	%RSD OR R^2	MAX %RSD OR R^2
Toluene	0.852	1.021	0.909	1.027	0.968	0.836	AVRG	0.93570275	8.876	15.000
Benzene	1.458	1.560	1.512	1.672	1.669	1.383	AVRG	1.54245004	7.476	15.000
Ethylbenzene	2.182	2.155	2.240	2.631	2.393	2.204	AVRG	2.30092084	7.922	15.000
m+p-Xylenes	0.717	0.702	0.717	0.806	0.834	0.681	AVRG	0.74294837	8.327	15.000
o-Xylene	0.686	0.651	0.757	0.821	0.817	0.705	AVRG	0.73952758	9.516	15.000
Xylenes (total)							AVRG			0.000
Methyl tert-butyl ether	1.491	1.606	1.506	1.476	1.735	1.496	AVRG	1.55174965	6.513	15.000
Dibromofluoromethane	0.705	0.801	0.739	0.728	0.803	0.685	AVRG	0.74344796	6.586	15.000
1,2-Dichloroethane-D4	0.884	0.930	0.831	0.852	0.880	0.760	AVRG	0.85615855	6.740	15.000
Toluene-D8	1.254	1.455	1.293	1.422	1.393	1.214	AVRG	1.33835238	7.338	15.000
P-Bromofluorobenzene	0.563	0.620	0.553	0.578	0.516	0.509	AVRG	0.55625480	7.402	15.000

Average %RSD test result.

Calculate Average %RSD: 8.988927841
Maximum Average %RSD: 15.00000000

Note: Passes Average %RSD Test.

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GCMS-T Calibration Date(s): 03/29/07 03/29/07

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1444 1724

LAB FILE ID: RF1: T5024 RF5: T5023 RF20: T5022
RF50: T5021 RF100: T5020 RF200: T5019

COMPOUND	RF1	RF5	RF20	RF50	RF100	RF200	CURVE	COEFF. A1	%RSD OR R^2	MAX %RSD OR R^2
Toluene	0.696	0.716	0.655	0.742	0.706	0.691	AVRG	0.70103841	4.129	15.000
Benzene	1.036	1.112	1.006	1.143	1.107	1.100	AVRG	1.08395486	4.764	15.000
Ethylbenzene	1.688	1.760	1.645	1.757	1.773	1.697	AVRG	1.72004355	2.964	15.000
m+p-Xylenes	0.573	0.618	0.580	0.655	0.607	0.580	AVRG	0.60226059	5.190	15.000
o-Xylene	0.516	0.580	0.563	0.622	0.612	0.606	AVRG	0.58322980	6.769	15.000
Xylenes (total)							AVRG			0.000
Methyl tert-butyl ether	1.212	1.295	1.382	1.440	1.381	1.355	AVRG	1.34426390	5.954	15.000
Dibromofluoromethane	0.529	0.581	0.539	0.578	0.580	0.581	AVRG	0.56467905	4.215	15.000
1,2-Dichloroethane-D4	0.706	0.696	0.634	0.676	0.675	0.689	AVRG	0.67929099	3.732	15.000
Toluene-D8	0.878	1.000	0.874	0.976	0.954	0.898	AVRG	0.93008951	5.784	15.000
P-Bromofluorobenzene	0.466	0.436	0.390	0.413	0.424	0.414	AVRG	0.42377101	6.068	15.000

Average %RSD test result.

Calculate Average %RSD: 9.255220413
Maximum Average %RSD: 15.00000000

Note: Passes Average %RSD Test.

FORM VI VOA

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GCMS-F Calibration Date: 04/02/07 Time: 1005

Lab File ID: F5121 Init. Calib. Date(s): 03/23/07 03/23/07

Init. Calib. Times: 1353 1701

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE	
Toluene	0.9560000	0.9012100	0.01	-5.73	20.00	AVRG	
Benzene	1.5510000	1.5281000	0.01	-1.48		AVRG	
Ethylbenzene	2.4010000	2.2048000	0.01	-8.17	20.00	AVRG	
m+p-Xylenes	0.8290000	0.7557500	0.01	-8.84		AVRG	
o-Xylene	0.7940000	0.7333200	0.01	-7.64		AVRG	
Xylenes (total)	0.0000000	0.7482800	0.01	0.00		AVRG	<-
Methyl tert-butyl ether	1.8560000	1.6856000	0.01	-9.18		AVRG	
Dibromofluoromethane	0.8590000	0.6556900	0.01	-23.67		AVRG	
1,2-Dichloroethane-D4	0.9700000	0.6718100	0.01	-30.74		AVRG	
Toluene-D8	1.3510000	1.1226000	0.01	-16.91		AVRG	
P-Bromofluorobenzene	0.5720000	0.5151200	0.01	-9.94		AVRG	

FORM VII VOA

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GCMS-F Calibration Date: 04/04/07 Time: 1041

Lab File ID: F5151 Init. Calib. Date(s): 04/03/07 04/03/07

Init. Calib. Times: 1523 1830

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE	
Toluene	0.9360000	0.9607500	0.01	2.64	20.00	AVRG	
Benzene	1.5420000	1.6113000	0.01	4.49		AVRG	
Ethylbenzene	2.3010000	2.3596000	0.01	2.55	20.00	AVRG	
m+p-Xylenes	0.7430000	0.7513800	0.01	1.13		AVRG	
o-Xylene	0.7400000	0.8050100	0.01	8.78		AVRG	
Xylenes (total)	0.0000000	0.7692600	0.01	0.00		AVRG	<-
Methyl tert-butyl ether	1.5520000	1.9376000	0.01	24.84		AVRG	
Dibromofluoromethane	0.7440000	0.6716200	0.01	-9.73		AVRG	
1,2-Dichloroethane-D4	0.8560000	0.7058700	0.01	-17.54		AVRG	
Toluene-D8	1.3380000	1.1227000	0.01	-16.09		AVRG	
P-Bromofluorobenzene	0.5560000	0.5856800	0.01	5.34		AVRG	

FORM VII VOA

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GCMS-T Calibration Date: 04/04/07 Time: 1001

Lab File ID: T5091 Init. Calib. Date(s): 03/29/07 03/29/07

Init. Calib. Times: 1444 1724

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE	
Toluene	0.7010000	0.7364200	0.01	5.05	20.00	AVRG	
Benzene	1.0840000	1.0818000	0.01	-0.20		AVRG	
Ethylbenzene	1.7200000	1.8358000	0.01	6.73	20.00	AVRG	
m+p-Xylenes	0.6020000	0.6245800	0.01	3.75		AVRG	
o-Xylene	0.5830000	0.6007000	0.01	3.04		AVRG	
Xylenes (total)	0.0000000	0.6166200	0.01	0.00		AVRG	<-
Methyl tert-butyl ether	1.3440000	1.2615000	0.01	-6.14		AVRG	
Dibromofluoromethane	0.5650000	0.5072400	0.01	-10.22		AVRG	
1,2-Dichloroethane-D4	0.6790000	0.6252500	0.01	-7.92		AVRG	
Toluene-D8	0.9300000	0.9063600	0.01	-2.54		AVRG	
P-Bromofluorobenzene	0.4240000	0.4128000	0.01	-2.64		AVRG	

FORM VII VOA

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GCMS-T Calibration Date: 04/05/07 Time: 1029

Lab File ID: T5114 Init. Calib. Date(s): 03/29/07 03/29/07

Init. Calib. Times: 1444 1724

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE	
Toluene	0.7010000	0.7516500	0.01	7.22	20.00	AVRG	
Benzene	1.0840000	1.1070000	0.01	2.12		AVRG	
Ethylbenzene	1.7200000	1.9214000	0.01	11.71	20.00	AVRG	
m+p-Xylenes	0.6020000	0.6594900	0.01	9.55		AVRG	
o-Xylene	0.5830000	0.6335100	0.01	8.66		AVRG	
Xylenes (total)	0.0000000	0.6508300	0.01	0.00		AVRG	<-
Methyl tert-butyl ether	1.3440000	1.2572000	0.01	-6.46		AVRG	
Dibromofluoromethane	0.5650000	0.4979600	0.01	-11.86		AVRG	
1,2-Dichloroethane-D4	0.6790000	0.6163600	0.01	-9.22		AVRG	
Toluene-D8	0.9300000	0.9057100	0.01	-2.61		AVRG	
P-Bromofluorobenzene	0.4240000	0.4290000	0.01	1.18		AVRG	

FORM VII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID (Standard): F5121 Date Analyzed: 04/02/07

Instrument ID: GCMS-F Time Analyzed: 1005

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS1(PFB) AREA #	IS1(PFB) RT #	IS2(DFB) AREA #	IS2(DFB) RT #	IS3(CBZ) AREA #	IS3(CBZ) RT #
12 HOUR STD	158266	9.08	242582	9.79	196928	12.98
UPPER LIMIT	316532	9.58	485164	10.29	393856	13.48
LOWER LIMIT	79133	8.58	121291	9.29	98464	12.48

	CLIENT SAMPLE ID	LAB SAMPLE ID	IS1(PFB) AREA #	IS1(PFB) RT #	IS2(DFB) AREA #	IS2(DFB) RT #	IS3(CBZ) AREA #	IS3(CBZ) RT #
01	WG37509-LCS	WG37509-1	158346	9.09	226373	9.79	188207	12.98
02	WG37509-BLANK	WG37509-2	139600	9.08	202014	9.79	165048	12.98
03	JAX25-SB104-03	SA1374-1	129350	9.08	190282	9.79	154480	12.98
04	JAX25-SB105-01	SA1374-2	126931	9.08	181515	9.79	140664	12.98
05	JAX25-SB106-03	SA1374-3	129683	9.08	204868	9.79	147186	12.97
06	JAX25-SB107-03	SA1374-4	107074	9.08	158459	9.79	137884	12.98
07	JAX25-SB80-03	SA1374-5			120661*	9.85	75591*	13.07
08	JAX25-SB108-03	SA1374-6	173496	9.07	231436	9.78	195846	12.98
09	JAX25-SB110-03	SA1374-8	131271	9.08	191358	9.79	154232	12.97
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID (Standard): F5121 Date Analyzed: 04/02/07

Instrument ID: GCMS-F Time Analyzed: 1005

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	93945	14.70				
UPPER LIMIT	187890	15.20				
LOWER LIMIT	46973	14.20				

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG37509-LCS	WG37509-1	96656	14.70				
02	WG37509-BLANK	WG37509-2	79273	14.70				
03	JAX25-SB104-03	SA1374-1	79114	14.70				
04	JAX25-SB105-01	SA1374-2	60263	14.70				
05	JAX25-SB106-03	SA1374-3	62263	14.69				
06	JAX25-SB107-03	SA1374-4	59730	14.70				
07	JAX25-SB80-03	SA1374-5	15338*	14.73				
08	JAX25-SB108-03	SA1374-6	99827	14.70				
09	JAX25-SB110-03	SA1374-8	72198	14.69				
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID (Standard): F5151 Date Analyzed: 04/04/07

Instrument ID: GCMS-F Time Analyzed: 1041

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS1(PFB) AREA #	IS1(PFB) RT #	IS2(DFB) AREA #	IS2(DFB) RT #	IS3(CBZ) AREA #	IS3(CBZ) RT #
12 HOUR STD	137853	9.08	205097	9.78	176397	12.98
UPPER LIMIT	275706	9.58	410194	10.28	352794	13.48
LOWER LIMIT	68927	8.58	102549	9.28	88199	12.48

	CLIENT SAMPLE ID	LAB SAMPLE ID	IS1(PFB) AREA #	IS1(PFB) RT #	IS2(DFB) AREA #	IS2(DFB) RT #	IS3(CBZ) AREA #	IS3(CBZ) RT #
01	WG37601-LCS	WG37601-1	143184	9.08	212899	9.79	167193	12.98
02	WG37601-BLANK	WG37601-2	134484	9.08	195447	9.79	155146	12.97
03	JAX25-SB109-03	SA1374-7RA	126449	9.09	180283	9.79	152747	12.97
04	JAX25-SB80-03	SA1374-5RA			133582	9.86	84813*	13.08
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID (Standard): F5151 Date Analyzed: 04/04/07

Instrument ID: GCMS-F Time Analyzed: 1041

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	94444	14.70				
UPPER LIMIT	188888	15.20				
LOWER LIMIT	47222	14.20				

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG37601-LCS	WG37601-1	82638	14.70				
02	WG37601-BLANK	WG37601-2	80614	14.70				
03	JAX25-SB109-03	SA1374-7RA	67559	14.70				
04	JAX25-SB80-03	SA1374-5RA	15013*	14.68				
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID (Standard): T5091 Date Analyzed: 04/04/07

Instrument ID: GCMS-T Time Analyzed: 1001

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD	1239706	8.20	1689403	9.10	1464119	12.61
UPPER LIMIT	2479412	8.70	3378806	9.60	2928238	13.11
LOWER LIMIT	619853	7.70	844702	8.60	732060	12.11

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG37599-LCS	WG37599-1	1281571	8.20	1816722	9.10	1536540	12.61
02	WG37599-BLANK	WG37599-2	1187594	8.21	1636566	9.10	1405599	12.61
03	TRIP BLANK	SA1374-9	1074871	8.22	1434178	9.11	1220852	12.62
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID (Standard): T5091 Date Analyzed: 04/04/07

Instrument ID: GCMS-T Time Analyzed: 1001

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		859845	15.74				
UPPER LIMIT		1719690	16.24				
LOWER LIMIT		429923	15.24				
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG37599-LCS	WG37599-1	884222	15.74				
02 WG37599-BLANK	WG37599-2	785565	15.74				
03 TRIP BLANK	SA1374-9	681062	15.74				
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID (Standard): T5114 Date Analyzed: 04/05/07

Instrument ID: GCMS-T Time Analyzed: 1029

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD	1223091	8.24	1602902	9.12	1401098	12.64
UPPER LIMIT	2446182	8.74	3205804	9.62	2802196	13.14
LOWER LIMIT	611546	7.74	801451	8.62	700549	12.14

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG37635-MEOHLCS	WG37635-3	1266684	8.24	1709805	9.12	1444249	12.63
02	WG37635-LCS	WG37635-1	1335653	8.24	1803658	9.12	1510778	12.63
03	WG37635-BLANK	WG37635-2	1253923	8.24	1637628	9.13	1377310	12.64
04	WG37635-MEOHBLANK	WG37635-4	1245517	8.24	1647331	9.12	1387664	12.64
05	JAX25-SB80-03	SA1374-5DL	1479599	8.22	2054517	9.11	1770659	12.62
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID (Standard): T5114 Date Analyzed: 04/05/07

Instrument ID: GCMS-T Time Analyzed: 1029

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		845539	15.76				
UPPER LIMIT		1691078	16.26				
LOWER LIMIT		422770	15.26				
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG37635-MEOHLCS	WG37635-3	830755	15.75				
02 WG37635-LCS	WG37635-1	879643	15.75				
03 WG37635-BLANK	WG37635-2	777352	15.75				
04 WG37635-MEOHBLANK	WG37635-4	801669	15.75				
05 JAX25-SB80-03	SA1374-5DL	956597	15.73				
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/03/07
Analysis Date: 10-APR-2007 16:15
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 91.7

Lab ID: SA1374-1
Client ID: JAX25-SB104-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	22	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	U	2	1.0	20	22	2
83-32-9	Acenaphthene	U	6	1.0	20	22	6
86-73-7	Fluorene	U	3	1.0	20	22	3
85-01-8	Phenanthrene	U	3	1.0	20	22	3
120-12-7	Anthracene	U	4	1.0	20	22	4
206-44-0	Fluoranthene	U	4	1.0	20	22	4
129-00-0	Pyrene	U	3	1.0	20	22	3
56-55-3	Benzo(a)anthracene	U	3	1.0	20	22	3
218-01-9	Chrysene	U	3	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene	U	3	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	22	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	5	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	U	3	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		68%				
81103-79-9	Fluorene-d10		72%				
1718-52-1	Pyrene-d10		80%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 10-APR-2007 21:20
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 93.7

Lab ID: SA1374-2
Client ID: JAX25-SB105-01
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37560
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	10	1.0	20	21	3
91-57-6	2-Methylnaphthalene		22	1.0	20	21	8
90-12-0	1-Methylnaphthalene		47	1.0	20	21	10
208-96-8	Acenaphthylene	U	2	1.0	20	21	2
83-32-9	Acenaphthene	L	290	1.0	20	21	6
86-73-7	Fluorene		61	1.0	20	21	3
85-01-8	Phenanthrene		100	1.0	20	21	3
120-12-7	Anthracene		24	1.0	20	21	4
206-44-0	Fluoranthene	L	440	1.0	20	21	4
129-00-0	Pyrene	L	480	1.0	20	21	3
56-55-3	Benzo(a)anthracene	L	510	1.0	20	21	3
218-01-9	Chrysene	L	390	1.0	20	21	3
205-99-2	Benzo(b)fluoranthene	L	330	1.0	20	21	3
207-08-9	Benzo(k)fluoranthene	L	190	1.0	20	21	3
50-32-8	Benzo(a)pyrene	L	260	1.0	20	21	3
193-39-5	Indeno(1,2,3-cd)pyrene		140	1.0	20	21	5
191-24-2	Benzo(g,h,i)perylene	L	190	1.0	20	21	3
53-70-3	Dibenzo(a,h)anthracene		51	1.0	20	21	4
7297-45-2	2-Methylnaphthalene-d10		92%				
81103-79-9	Fluorene-d10		86%				
1718-52-1	Pyrene-d10		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 12-APR-2007 13:56
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 93.7

Lab ID: SA1374-2DL
Client ID: JAX25-SB105-01
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37560
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	14	5.0	20	110	14
91-57-6	2-Methylnaphthalene	U	39	5.0	20	110	39
90-12-0	1-Methylnaphthalene	U	49	5.0	20	110	49
208-96-8	Acenaphthylene	U	12	5.0	20	110	12
83-32-9	Acenaphthene		260	5.0	20	110	31
86-73-7	Fluorene	I	51	5.0	20	110	16
85-01-8	Phenanthrene	I	92	5.0	20	110	14
120-12-7	Anthracene	I	21	5.0	20	110	19
206-44-0	Fluoranthene		460	5.0	20	110	19
129-00-0	Pyrene		400	5.0	20	110	17
56-55-3	Benzo(a)anthracene		420	5.0	20	110	16
218-01-9	Chrysene		380	5.0	20	110	15
205-99-2	Benzo(b)fluoranthene		340	5.0	20	110	16
207-08-9	Benzo(k)fluoranthene		140	5.0	20	110	16
50-32-8	Benzo(a)pyrene		240	5.0	20	110	16
193-39-5	Indeno(1,2,3-cd)pyrene		180	5.0	20	110	24
191-24-2	Benzo(g,h,i)perylene		210	5.0	20	110	16
53-70-3	Dibenzo(a,h)anthracene	U	20	5.0	20	110	20
7297-45-2	2-Methylnaphthalene-d10		78%				
81103-79-9	Fluorene-d10		79%				
1718-52-1	Pyrene-d10		70%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 10-APR-2007 19:52
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 86.0

Lab ID: SA1374-3
Client ID: JAX25-SB106-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37560
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	23	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	23	8
90-12-0	1-Methylnaphthalene	U	11	1.0	20	23	11
208-96-8	Acenaphthylene	I	4	1.0	20	23	2
83-32-9	Acenaphthene	U	7	1.0	20	23	7
86-73-7	Fluorene	U	4	1.0	20	23	4
85-01-8	Phenanthrene	I	6	1.0	20	23	3
120-12-7	Anthracene	U	4	1.0	20	23	4
206-44-0	Fluoranthene		29	1.0	20	23	4
129-00-0	Pyrene	I	20	1.0	20	23	4
56-55-3	Benzo(a)anthracene	I	14	1.0	20	23	3
218-01-9	Chrysene	I	15	1.0	20	23	3
205-99-2	Benzo(b)fluoranthene		25	1.0	20	23	4
207-08-9	Benzo(k)fluoranthene	I	9	1.0	20	23	3
50-32-8	Benzo(a)pyrene	I	18	1.0	20	23	3
193-39-5	Indeno(1,2,3-cd)pyrene		27	1.0	20	23	5
191-24-2	Benzo(g,h,i)perylene	I	19	1.0	20	23	4
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	23	4
7297-45-2	2-Methylnaphthalene-d10		72%				
81103-79-9	Fluorene-d10		76%				
1718-52-1	Pyrene-d10		65%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 10-APR-2007 18:24
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 88.4

Lab ID: SA1374-4
Client ID: JAX25-SB107-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37560
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	23	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	23	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	23	10
208-96-8	Acenaphthylene	U	2	1.0	20	23	2
83-32-9	Acenaphthene	U	7	1.0	20	23	7
86-73-7	Fluorene	U	4	1.0	20	23	4
85-01-8	Phenanthrene	U	3	1.0	20	23	3
120-12-7	Anthracene	U	4	1.0	20	23	4
206-44-0	Fluoranthene	I	5	1.0	20	23	4
129-00-0	Pyrene	I	6	1.0	20	23	4
56-55-3	Benzo(a)anthracene	I	5	1.0	20	23	3
218-01-9	Chrysene	I	6	1.0	20	23	3
205-99-2	Benzo(b)fluoranthene	I	9	1.0	20	23	4
207-08-9	Benzo(k)fluoranthene	I	2	1.0	20	23	3
50-32-8	Benzo(a)pyrene	I	4	1.0	20	23	3
193-39-5	Indeno(1,2,3-cd)pyrene	I	4	1.0	20	23	5
191-24-2	Benzo(g,h,i)perylene	I	3	1.0	20	23	4
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	23	4
7297-45-2	2-Methylnaphthalene-d10		75%				
81103-79-9	Fluorene-d10		76%				
1718-52-1	Pyrene-d10		81%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 11-APR-2007 10:39
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 91.7

Lab ID: SA1374-5DL
Client ID: JAX25-SB80-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37560
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	L	10000	10	20	220	28
91-57-6	2-Methylnaphthalene	L	130000	10	20	220	80
90-12-0	1-Methylnaphthalene	L	15000	10	20	220	100
208-96-8	Acenaphthylene	U	24	10	20	220	24
83-32-9	Acenaphthene		1100	10	20	220	64
86-73-7	Fluorene		770	10	20	220	34
85-01-8	Phenanthrene		1100	10	20	220	28
120-12-7	Anthracene	I	180	10	20	220	39
206-44-0	Fluoranthene		540	10	20	220	38
129-00-0	Pyrene		500	10	20	220	35
56-55-3	Benzo(a)anthracene	I	220	10	20	220	33
218-01-9	Chrysene	I	140	10	20	220	32
205-99-2	Benzo(b)fluoranthene	I	150	10	20	220	34
207-08-9	Benzo(k)fluoranthene	I	45	10	20	220	33
50-32-8	Benzo(a)pyrene	I	91	10	20	220	33
193-39-5	Indeno(1,2,3-cd)pyrene	I	66	10	20	220	49
191-24-2	Benzo(g,h,i)perylene	I	40	10	20	220	34
53-70-3	Dibenzo(a,h)anthracene	I	44	10	20	220	41
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 11-APR-2007 11:23
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 91.7

Lab ID: SA1374-5DL2
Client ID: JAX25-SB80-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37560
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	16000	1000	20	22000	2800
91-57-6	2-Methylnaphthalene		40000	1000	20	22000	8000
90-12-0	1-Methylnaphthalene		26000	1000	20	22000	10000
208-96-8	Acenaphthylene	U	2400	1000	20	22000	2400
83-32-9	Acenaphthene	U	6400	1000	20	22000	6400
86-73-7	Fluorene	U	3400	1000	20	22000	3400
85-01-8	Phenanthrene	U	2800	1000	20	22000	2800
120-12-7	Anthracene	U	3900	1000	20	22000	3900
206-44-0	Fluoranthene	U	3800	1000	20	22000	3800
129-00-0	Pyrene	U	3500	1000	20	22000	3500
56-55-3	Benzo(a)anthracene	U	3300	1000	20	22000	3300
218-01-9	Chrysene	U	3200	1000	20	22000	3200
205-99-2	Benzo(b)fluoranthene	U	3400	1000	20	22000	3400
207-08-9	Benzo(k)fluoranthene	U	3300	1000	20	22000	3300
50-32-8	Benzo(a)pyrene	U	3300	1000	20	22000	3300
193-39-5	Indeno(1,2,3-cd)pyrene	U	4900	1000	20	22000	4900
191-24-2	Benzo(g,h,i)perylene	U	3400	1000	20	22000	3400
53-70-3	Dibenzo(a,h)anthracene	U	4100	1000	20	22000	4100
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 10-APR-2007 16:58
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 93.3

Lab ID: SA1374-6
Client ID: JAX25-SB108-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37560
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	21	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	21	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	21	10
208-96-8	Acenaphthylene	U	2	1.0	20	21	2
83-32-9	Acenaphthene	U	6	1.0	20	21	6
86-73-7	Fluorene	U	3	1.0	20	21	3
85-01-8	Phenanthrene	U	3	1.0	20	21	3
120-12-7	Anthracene	U	4	1.0	20	21	4
206-44-0	Fluoranthene	U	4	1.0	20	21	4
129-00-0	Pyrene	U	3	1.0	20	21	3
56-55-3	Benzo(a)anthracene	U	3	1.0	20	21	3
218-01-9	Chrysene	U	3	1.0	20	21	3
205-99-2	Benzo(b)fluoranthene	U	3	1.0	20	21	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	21	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	21	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	5	1.0	20	21	5
191-24-2	Benzo(g,h,i)perylene	U	3	1.0	20	21	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	21	4
7297-45-2	2-Methylnaphthalene-d10		79%				
81103-79-9	Fluorene-d10		79%				
1718-52-1	Pyrene-d10		80%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 10-APR-2007 17:40
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 92.8

Lab ID: SA1374-7
Client ID: JAX25-SB109-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37560
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	22	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	U	2	1.0	20	22	2
83-32-9	Acenaphthene	U	6	1.0	20	22	6
86-73-7	Fluorene	U	3	1.0	20	22	3
85-01-8	Phenanthrene	U	3	1.0	20	22	3
120-12-7	Anthracene	U	4	1.0	20	22	4
206-44-0	Fluoranthene	U	4	1.0	20	22	4
129-00-0	Pyrene	U	3	1.0	20	22	3
56-55-3	Benzo(a)anthracene	U	3	1.0	20	22	3
218-01-9	Chrysene	U	3	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene	U	3	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	22	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	5	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	U	3	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		69%				
81103-79-9	Fluorene-d10		73%				
1718-52-1	Pyrene-d10		74%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 10-APR-2007 20:36
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 89.5

Lab ID: SA1374-8
Client ID: JAX25-SB110-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37560
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	22	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	U	2	1.0	20	22	2
83-32-9	Acenaphthene	U	6	1.0	20	22	6
86-73-7	Fluorene	U	3	1.0	20	22	3
85-01-8	Phenanthrene	U	3	1.0	20	22	3
120-12-7	Anthracene	U	4	1.0	20	22	4
206-44-0	Fluoranthene	U	4	1.0	20	22	4
129-00-0	Pyrene	U	4	1.0	20	22	4
56-55-3	Benzo(a)anthracene	U	3	1.0	20	22	3
218-01-9	Chrysene	U	3	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene	U	3	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	22	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	5	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	I	8	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		71%				
81103-79-9	Fluorene-d10		75%				
1718-52-1	Pyrene-d10		68%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 04/03/07
Analysis Date: 07-APR-2007 11:22
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 100

Lab ID: WG37524-1
Client ID: WG37524-Blank
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	20	3
91-57-6	2-Methylnaphthalene	U	7	1.0	20	20	7
90-12-0	1-Methylnaphthalene	U	9	1.0	20	20	9
208-96-8	Acenaphthylene	U	2	1.0	20	20	2
83-32-9	Acenaphthene	U	6	1.0	20	20	6
86-73-7	Fluorene	U	3	1.0	20	20	3
85-01-8	Phenanthrene	U	3	1.0	20	20	3
120-12-7	Anthracene	U	4	1.0	20	20	4
206-44-0	Fluoranthene	U	4	1.0	20	20	4
129-00-0	Pyrene	U	3	1.0	20	20	3
56-55-3	Benzo(a)anthracene	U	3	1.0	20	20	3
218-01-9	Chrysene	U	3	1.0	20	20	3
205-99-2	Benzo(b)fluoranthene	U	3	1.0	20	20	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	20	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	20	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	4	1.0	20	20	4
191-24-2	Benzo(g,h,i)perylene	U	3	1.0	20	20	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	20	4
7297-45-2	2-Methylnaphthalene-d10		79%				
81103-79-9	Fluorene-d10		80%				
1718-52-1	Pyrene-d10		85%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 04/04/07
Analysis Date: 10-APR-2007 11:13
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 100

Lab ID: WG37560-1
Client ID: WG37560-Blank
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37560
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	20	3
91-57-6	2-Methylnaphthalene	U	7	1.0	20	20	7
90-12-0	1-Methylnaphthalene	U	9	1.0	20	20	9
208-96-8	Acenaphthylene	U	2	1.0	20	20	2
83-32-9	Acenaphthene	U	6	1.0	20	20	6
86-73-7	Fluorene	U	3	1.0	20	20	3
85-01-8	Phenanthrene	U	3	1.0	20	20	3
120-12-7	Anthracene	U	4	1.0	20	20	4
206-44-0	Fluoranthene	U	4	1.0	20	20	4
129-00-0	Pyrene	U	3	1.0	20	20	3
56-55-3	Benzo(a)anthracene	U	3	1.0	20	20	3
218-01-9	Chrysene	U	3	1.0	20	20	3
205-99-2	Benzo(b)fluoranthene	U	3	1.0	20	20	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	20	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	20	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	4	1.0	20	20	4
191-24-2	Benzo(g,h,i)perylene	U	3	1.0	20	20	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	20	4
7297-45-2	2-Methylnaphthalene-d10		84%				
81103-79-9	Fluorene-d10		87%				
1718-52-1	Pyrene-d10		91%				

FORM 2
SOIL SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Level:(low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	WG37524-BLANK	WG37524-1	79	80	85						0
02	WG37524-LCS	WG37524-2	72	73	74						0
03	WG37560-BLANK	WG37560-1	84	87	91						0
04	JAX25-SB104-03	SA1374-1	68	72	80						0
05	JAX25-SB108-03	SA1374-6	79	79	80						0
06	JAX25-SB109-03	SA1374-7	69	73	74						0
07	JAX25-SB107-03	SA1374-4	75	76	81						0
08	JAX25-SB106-03	SA1374-3	72	76	65						0
09	JAX25-SB110-03	SA1374-8	71	75	68						0
10	JAX25-SB105-01	SA1374-2	92	86	87						0
11	JAX25-SB80-03	SA1374-5DL	D	D	D						0
12	JAX25-SB80-03	SA1374-5DL2	D	D	D						0
13	WG37560-LCS	WG37560-2	82	82	87						0
14	WG37560-LCSD	WG37560-3	84	88	82						0
15	JAX25-SB105-01	SA1374-2DL	78	79	70						0
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											

		QC LIMITS
S1	= 2-Methylnaphthalene-d1	(27-128)
S2	= Fluorene-d10	(34-140)
S3	= Pyrene-d10	(20-174)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 04/03/07
Analysis Date: 04/07/07
Report Date: 04/12/2007
Matrix: SOIL

Lab ID: WG37524-2
Client ID: WG37524-LCS
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Naphthalene	67	NA	46	68	34-106
2-Methylnaphthalene	67	NA	50	75	30-148
1-Methylnaphthalene	67	NA	39	58	30-150
Acenaphthylene	67	NA	46	69	51-114
Acenaphthene	67	NA	44	67	47-108
Fluorene	67	NA	45	68	53-119
Phenanthrene	67	NA	51	76	53-130
Anthracene	67	NA	47	71	53-121
Fluoranthene	67	NA	60	91	51-139
Pyrene	67	NA	49	73	31-124
Benzo(a)anthracene	67	NA	61	91	42-143
Chrysene	67	NA	51	77	36-126
Benzo(b)fluoranthene	67	NA	52	78	36-148
Benzo(k)fluoranthene	67	NA	49	74	33-139
Benzo(a)pyrene	67	NA	50	74	44-130
Indeno(1,2,3-cd)pyrene	67	NA	64	96	23-142
Benzo(g,h,i)perylene	67	NA	46	70	30-119
Dibenzo(a,h)anthracene	67	NA	50	75	22-133

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 04/04/07
Analysis Date: 04/11/07
Report Date: 04/12/2007
Matrix: SOIL

Lab ID: WG37560-2 & WG37560-3
Client ID: WG37560-LCS & WG37560-LCSD
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37560
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Naphthalene	67	67	NA	50	54	75	81	7	30	34-106
2-Methylnaphthalene	67	67	NA	58	62	87	93	7	30	30-148
1-Methylnaphthalene	67	67	NA	42	45	64	68	6	30	30-150
Acenaphthylene	67	67	NA	50	55	75	82	9	30	51-114
Acenaphthene	67	67	NA	49	54	74	81	9	30	47-108
Fluorene	67	67	NA	48	54	72	80	11	30	53-119
Hexachlorobenzene	67	67	NA	73	75	110	113	3	30	30-150
Phenanthrene	67	67	NA	50	56	75	83	10	30	53-130
Anthracene	67	67	NA	48	54	72	82	12	30	53-121
Fluoranthene	67	67	NA	51	58	76	87	13	30	51-139
Pyrene	67	67	NA	56	55	84	82	3	30	31-124
Benzo(a)anthracene	67	67	NA	58	63	88	94	7	30	42-143
Chrysene	67	67	NA	50	53	75	80	6	30	36-126
Benzo(b)fluoranthene	67	67	NA	50	54	74	80	8	30	36-148
Benzo(k)fluoranthene	67	67	NA	47	50	71	74	5	30	33-139
Benzo(a)pyrene	67	67	NA	50	54	74	81	8	30	44-130
Indeno(1,2,3-cd)pyrene	67	67	NA	63	70	94	104	10	30	23-142
Benzo(g,h,i)perylene	67	67	NA	52	58	77	86	11	30	30-119
Dibenzo(a,h)anthracene	67	67	NA	55	58	83	88	6	30	22-133

FORM III SV-2

R3817.D & R3818.D

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG37524-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: R3766 Lab Sample ID: WG37524-1

Instrument ID: GCMS-R Date Extracted: 04/03/07

Matrix: (soil/water) SOIL Date Analyzed: 04/07/07

Level:(low/med) LOW Time Analyzed: 1122

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG37524-LCS	WG37524-2	R3767	04/07/07	1204
02	JAX25-SB104-03	SA1374-1	R3805	04/10/07	1615
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV SV

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG37560-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: R3798 Lab Sample ID: WG37560-1

Instrument ID: GCMS-R Date Extracted: 04/04/07

Matrix: (soil/water) SOIL Date Analyzed: 04/10/07

Level:(low/med) LOW Time Analyzed: 1113

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	JAX25-SB108-03	SA1374-6	R3806	04/10/07	1658
02	JAX25-SB109-03	SA1374-7	R3807	04/10/07	1740
03	JAX25-SB107-03	SA1374-4	R3808	04/10/07	1824
04	JAX25-SB106-03	SA1374-3	R3810	04/10/07	1952
05	JAX25-SB110-03	SA1374-8	R3811	04/10/07	2036
06	JAX25-SB105-01	SA1374-2	R3812	04/10/07	2120
07	JAX25-SB80-03	SA1374-5DL	R3814	04/11/07	1039
08	JAX25-SB80-03	SA1374-5DL2	R3815	04/11/07	1123
09	WG37560-LCS	WG37560-2	R3817	04/11/07	1248
10	WG37560-LCSD	WG37560-3	R3818	04/11/07	1331
11	JAX25-SB105-01	SA1374-2DL	R3835	04/12/07	1356
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: RD290 DFTPP Injection Date: 04/06/07

Instrument ID: GCMS-R DFTPP Injection Time: 1130

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	33.6
68	Less than 2.0% of mass 69	0.5 (1.3)1
69	Less than 100.0% of mass 198	35.9
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	52.0
197	Less than 1.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 30.0% of mass 198	21.1
365	1.0 - 100.0% of mass 198	2.7
441	0.0 - 100.0% of mass 443	10.8 (73.9)2
442	40.0 - 100.0% of mass 198	74.7
443	17.0 - 23.0% of mass 442	14.6 (19.6)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00R0406	R3748	04/06/07	1149
02		SSTD5.00R0406	R3749	04/06/07	1238
03		SSTD0.50R0406	R3752	04/06/07	1446
04		SSTD0.20R0406	R3753	04/06/07	1528
05		SSTD3.00R0406	R3754	04/06/07	1611
06		SSTD2.00R0406	R3755	04/06/07	1653
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: RD291 DFTPP Injection Date: 04/07/07

Instrument ID: GCMS-R DFTPP Injection Time: 1022

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	33.4
68	Less than 2.0% of mass 69	0.5 (1.4)1
69	Less than 100.0% of mass 198	36.2
70	Less than 2.0% of mass 69	0.2 (0.6)1
127	40.0 - 60.0% of mass 198	52.0
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	21.4
365	1.0 - 100.0% of mass 198	2.9
441	0.0 - 100.0% of mass 443	11.4 (73.5)2
442	40.0 - 100.0% of mass 198	79.8
443	17.0 - 23.0% of mass 442	15.6 (19.5)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00R0407	R3765	04/07/07	1040
02	WG37524-BLANK	WG37524-1	R3766	04/07/07	1122
03	WG37524-LCS	WG37524-2	R3767	04/07/07	1204
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: RD293 DFTPP Injection Date: 04/10/07

Instrument ID: GCMS-R DFTPP Injection Time: 1012

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	30.3
68	Less than 2.0% of mass 69	0.5 (1.4)1
69	Less than 100.0% of mass 198	33.0
70	Less than 2.0% of mass 69	0.1 (0.4)1
127	40.0 - 60.0% of mass 198	49.1
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.0
275	10.0 - 30.0% of mass 198	22.9
365	1.0 - 100.0% of mass 198	3.1
441	0.0 - 100.0% of mass 443	12.4 (73.2)2
442	40.0 - 100.0% of mass 198	86.9
443	17.0 - 23.0% of mass 442	16.9 (19.5)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00R0410	R3797	04/10/07	1031
02	WG37560-BLANK	WG37560-1	R3798	04/10/07	1113
03	JAX25-SB104-03	SA1374-1	R3805	04/10/07	1615
04	JAX25-SB108-03	SA1374-6	R3806	04/10/07	1658
05	JAX25-SB109-03	SA1374-7	R3807	04/10/07	1740
06	JAX25-SB107-03	SA1374-4	R3808	04/10/07	1824
07	JAX25-SB106-03	SA1374-3	R3810	04/10/07	1952
08	JAX25-SB110-03	SA1374-8	R3811	04/10/07	2036
09	JAX25-SB105-01	SA1374-2	R3812	04/10/07	2120
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: RD294 DFTPP Injection Date: 04/11/07

Instrument ID: GCMS-R DFTPP Injection Time: 0936

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	31.0
68	Less than 2.0% of mass 69	0.5 (1.5)1
69	Less than 100.0% of mass 198	34.2
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	51.4
197	Less than 1.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	22.5
365	1.0 - 100.0% of mass 198	3.1
441	0.0 - 100.0% of mass 443	13.3 (76.9)2
442	40.0 - 100.0% of mass 198	91.8
443	17.0 - 23.0% of mass 442	17.3 (18.9)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00R0411	R3813	04/11/07	0957
02	JAX25-SB80-03	SA1374-5DL	R3814	04/11/07	1039
03	JAX25-SB80-03	SA1374-5DL2	R3815	04/11/07	1123
04	WG37560-LCS	WG37560-2	R3817	04/11/07	1248
05	WG37560-LCSD	WG37560-3	R3818	04/11/07	1331
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: RD295 DFTPP Injection Date: 04/12/07

Instrument ID: GCMS-R DFTPP Injection Time: 1005

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	30.3
68	Less than 2.0% of mass 69	0.5 (1.6)1
69	Less than 100.0% of mass 198	33.5
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	49.9
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	22.5
365	1.0 - 100.0% of mass 198	3.0
441	0.0 - 100.0% of mass 443	12.6 (75.1)2
442	40.0 - 100.0% of mass 198	87.8
443	17.0 - 23.0% of mass 442	16.8 (19.1)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00R0412	R3830	04/12/07	1024
02	JAX25-SB105-01	SA1374-2DL	R3835	04/12/07	1356
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GCMS-R Calibration Date(s): 04/06/07 04/06/07

Column: ZB5-MS ID: 0.25 (mm) Calibration Time(s): 1149 1653

LAB FILE ID: RF0.2: R3753 RF0.5: R3752 RF1: R3748
RF2: R3755 RF3: R3754 RF5: R3749

COMPOUND	RF0.2	RF0.5	RF1	RF2	RF3	RF5	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2	
Naphthalene	0.938	1.073	0.976	0.946	1.054	0.865	AVRG		0.97526016		7.969	15.000	
2-Methylnaphthalene	6332	24235	57282	114430	165530	311170	2ORDR	0.14268637	1.26509084	0.14405463	0.99173	0.99000	
1-Methylnaphthalene	0.978	0.732	0.761	0.694	0.741		AVRG		0.78136056		14.418	15.000	<
Acenaphthylene	1.340	1.706	1.740	1.705	2.027	1.865	AVRG		1.73059796		13.174	15.000	
Acenaphthene	0.987	1.179	1.148	1.146	1.324	1.155	AVRG		1.15619238		9.267	15.000	
Fluorene	1.058	1.344	1.358	1.356	1.568	1.423	AVRG		1.35088626		12.309	15.000	
Phenanthrene	0.936	1.283	1.253	1.249	1.465	1.214	AVRG		1.23330842		13.830	15.000	
Anthracene	1.012	1.294	1.264	1.256	1.449	1.204	AVRG		1.24644673		11.387	15.000	
Fluoranthene	0.844	1.121	1.127	1.083	1.275	1.108	AVRG		1.09316148		12.752	15.000	
Pyrene	1.549	1.944	1.729	1.868	2.175	1.598	AVRG		1.81042095		12.927	15.000	
Benzo(a)anthracene	0.724	0.971	1.024	0.927	1.116	1.041	AVRG		0.96725460		14.004	15.000	
Chrysene	1.285	1.435	1.244	1.239	1.391	1.209	AVRG		1.30051775		7.048	15.000	
Benzo(b)fluoranthene	3717	13564	38101	56331	78273	225670	LINR	0.11899582	0.69533049		0.99379	0.99000	
Benzo(k)fluoranthene	1.603	1.776	1.665	1.870	2.188	1.658	AVRG		1.79325923		12.029	15.000	
Benzo(a)pyrene	1.034	1.250	1.209	1.216	1.451	1.276	AVRG		1.23941722		10.825	15.000	
Indeno(1,2,3-cd)pyrene	2820	6077	24543	28431	35403	135280	2ORDR	-2.18e-002	1.70085482	-9.49e-002	0.99657	0.99000	
Benzo(g,h,i)perylene	1.042	1.157	1.151	1.156	1.316	1.132	AVRG		1.15890393		7.652	15.000	
Dibenzo(a,h)anthracene	2487	9549	30034	39394	52596	161450	LINR	0.11116650	0.99001579		0.99657	0.99000	
2-Methylnaphthalene-d10	0.361	0.452	0.439	0.422	0.466	0.368	AVRG		0.41801244		10.478	15.000	
Fluorene-d10	1.019	1.383	1.409	1.382	1.596	1.385	AVRG		1.36246612		13.767	15.000	
Pyrene-d10	1.041	1.322	1.191	1.257	1.465	1.100	AVRG		1.22936985		12.509	15.000	

Average %RSD test result.

Calculate Average %RSD: 11.39643478
Maximum Average %RSD: 30.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GCMS-R Calibration Date: 04/07/07 Time: 1040

Lab File ID: R3765 Init. Calib. Date(s): 04/06/07 04/06/07

Init. Calib. Times: 1149 1653

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.9750000	0.9778800	0.9778800	0.01	0.30	100.00	AVRG
2-Methylnaphthalene	0.9053000	1.0000000	0.5778400	0.01	-9.47	100.00	2RDR
1-Methylnaphthalene	0.7810000	0.6852600	0.6852600	0.01	-12.26	100.00	AVRG
Acenaphthylene	1.7300000	1.7892000	1.7892000	0.01	3.42	100.00	AVRG
Acenaphthene	1.1560000	1.1155000	1.1155000	0.01	-3.50	20.00	AVRG
Fluorene	1.3510000	1.3086000	1.3086000	0.01	-3.14	100.00	AVRG
Phenanthrene	1.2330000	1.2102000	1.2102000	0.01	-1.85	100.00	AVRG
Anthracene	1.2460000	1.1619000	1.1619000	0.01	-6.75	100.00	AVRG
Fluoranthene	1.0930000	1.1389000	1.1389000	0.01	4.20	20.00	AVRG
Pyrene	1.8100000	1.4661000	1.4661000	0.01	-19.00	100.00	AVRG
Benzo(a)anthracene	0.9670000	1.1115000	1.1115000	0.01	14.94	100.00	AVRG
Chrysene	1.3000000	1.2432000	1.2432000	0.01	-4.37	100.00	AVRG
Benzo(b)fluoranthene	1.0541000	1.0000000	1.3791000	0.01	5.41	100.00	LINR
Benzo(k)fluoranthene	1.7930000	1.6555000	1.6555000	0.01	-7.67	100.00	AVRG
Benzo(a)pyrene	1.2390000	1.2306000	1.2306000	0.01	-0.68	20.00	AVRG
Indeno(1,2,3-cd)pyrene	0.9758600	1.0000000	0.6099300	0.01	-2.41	100.00	2RDR
Benzo(g,h,i)perylene	1.1590000	0.8646900	0.8646900	0.01	-25.39	100.00	AVRG
Dibenzo(a,h)anthracene	0.8452900	1.0000000	0.7639800	0.01	-15.47	100.00	LINR
2-Methylnaphthalene-d10	0.4180000	0.4179400	0.4179400	0.01	-0.01	100.00	AVRG
Fluorene-d10	1.3620000	1.3720000	1.3720000	0.01	0.73	100.00	AVRG
Pyrene-d10	1.2290000	1.0323000	1.0323000	0.01	-16.00	100.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GCMS-R Calibration Date: 04/10/07 Time: 1031

Lab File ID: R3797 Init. Calib. Date(s): 04/06/07 04/06/07

Init. Calib. Times: 1149 1653

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.9750000	0.9366000	0.9366000	0.01	-3.94	100.00	AVRG
2-Methylnaphthalene	0.9247200	1.0000000	0.5910000	0.01	-7.53	100.00	2RDR
1-Methylnaphthalene	0.7810000	0.7383300	0.7383300	0.01	-5.46	100.00	AVRG
Acenaphthylene	1.7300000	1.7160000	1.7160000	0.01	-0.81	100.00	AVRG
Acenaphthene	1.1560000	1.1036000	1.1036000	0.01	-4.53	20.00	AVRG
Fluorene	1.3510000	1.2955000	1.2955000	0.01	-4.11	100.00	AVRG
Phenanthrene	1.2330000	1.1538000	1.1538000	0.01	-6.42	100.00	AVRG
Anthracene	1.2460000	1.1693000	1.1693000	0.01	-6.16	100.00	AVRG
Fluoranthene	1.0930000	1.0640000	1.0640000	0.01	-2.65	20.00	AVRG
Pyrene	1.8100000	1.7143000	1.7143000	0.01	-5.29	100.00	AVRG
Benzo(a)anthracene	0.9670000	1.1278000	1.1278000	0.01	16.63	100.00	AVRG
Chrysene	1.3000000	1.2069000	1.2069000	0.01	-7.16	100.00	AVRG
Benzo(b)fluoranthene	0.8931200	1.0000000	1.1475000	0.01	-10.69	100.00	LINR
Benzo(k)fluoranthene	1.7930000	1.3972000	1.3972000	0.01	-22.08	100.00	AVRG
Benzo(a)pyrene	1.2390000	1.1544000	1.1544000	0.01	-6.83	20.00	AVRG
Indeno(1,2,3-cd)pyrene	1.2220000	1.0000000	0.7700600	0.01	22.20	100.00	2RDR
Benzo(g,h,i)perylene	1.1590000	1.0498000	1.0498000	0.01	-9.42	100.00	AVRG
Dibenzo(a,h)anthracene	0.9983900	1.0000000	0.9186300	0.01	-0.16	100.00	LINR
2-Methylnaphthalene-d10	0.4180000	0.4291100	0.4291100	0.01	2.66	100.00	AVRG
Fluorene-d10	1.3620000	1.3289000	1.3289000	0.01	-2.43	100.00	AVRG
Pyrene-d10	1.2290000	1.1964000	1.1964000	0.01	-2.65	100.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GCMS-R Calibration Date: 04/11/07 Time: 0957

Lab File ID: R3813 Init. Calib. Date(s): 04/06/07 04/06/07

Init. Calib. Times: 1149 1653

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.9750000	0.9221300	0.9221300	0.01	-5.42	100.00	AVRG
2-Methylnaphthalene	0.8705000	1.0000000	0.5541500	0.01	-12.95	100.00	2RDR
1-Methylnaphthalene	0.7810000	0.7003300	0.7003300	0.01	-10.33	100.00	AVRG
Acenaphthylene	1.7300000	1.6326000	1.6326000	0.01	-5.63	100.00	AVRG
Acenaphthene	1.1560000	1.0499000	1.0499000	0.01	-9.18	20.00	AVRG
Fluorene	1.3510000	1.2206000	1.2206000	0.01	-9.65	100.00	AVRG
Phenanthrene	1.2330000	1.1307000	1.1307000	0.01	-8.30	100.00	AVRG
Anthracene	1.2460000	1.1188000	1.1188000	0.01	-10.21	100.00	AVRG
Fluoranthene	1.0930000	0.8970000	0.8970000	0.01	-17.93	20.00	AVRG
Pyrene	1.8100000	1.8612000	1.8612000	0.01	2.83	100.00	AVRG
Benzo(a)anthracene	0.9670000	1.0422000	1.0422000	0.01	7.78	100.00	AVRG
Chrysene	1.3000000	1.1173000	1.1173000	0.01	-14.05	100.00	AVRG
Benzo(b)fluoranthene	0.8868500	1.0000000	1.1385000	0.01	-11.32	100.00	LINR
Benzo(k)fluoranthene	1.7930000	1.3886000	1.3886000	0.01	-22.55	100.00	AVRG
Benzo(a)pyrene	1.2390000	1.0801000	1.0801000	0.01	-12.82	20.00	AVRG
Indeno(1,2,3-cd)pyrene	1.1184000	1.0000000	0.7021800	0.01	11.84	100.00	2RDR
Benzo(g,h,i)perylene	1.1590000	0.9923100	0.9923100	0.01	-14.38	100.00	AVRG
Dibenzo(a,h)anthracene	0.8952400	1.0000000	0.8144400	0.01	-10.48	100.00	LINR
2-Methylnaphthalene-d10	0.4180000	0.4093800	0.4093800	0.01	-2.06	100.00	AVRG
Fluorene-d10	1.3620000	1.2571000	1.2571000	0.01	-7.70	100.00	AVRG
Pyrene-d10	1.2290000	1.2912000	1.2912000	0.01	5.06	100.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GCMS-R Calibration Date: 04/12/07 Time: 1024

Lab File ID: R3830 Init. Calib. Date(s): 04/06/07 04/06/07

Init. Calib. Times: 1149 1653

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.9750000	0.8587900	0.8587900	0.01	-11.92	100.00	AVRG
2-Methylnaphthalene	0.7878100	1.0000000	0.4973000	0.01	-21.22	100.00	2RDR
1-Methylnaphthalene	0.7810000	0.6604800	0.6604800	0.01	-15.43	100.00	AVRG
Acenaphthylene	1.7300000	1.4957000	1.4957000	0.01	-13.54	100.00	AVRG
Acenaphthene	1.1560000	0.9471400	0.9471400	0.01	-18.07	20.00	AVRG
Fluorene	1.3510000	1.1048000	1.1048000	0.01	-18.22	100.00	AVRG
Phenanthrene	1.2330000	1.0210000	1.0210000	0.01	-17.19	100.00	AVRG
Anthracene	1.2460000	1.0435000	1.0435000	0.01	-16.25	100.00	AVRG
Fluoranthene	1.0930000	0.9525000	0.9525000	0.01	-12.85	20.00	AVRG
Pyrene	1.8100000	1.2819000	1.2819000	0.01	-29.18	100.00	AVRG
Benzo(a)anthracene	0.9670000	0.9136600	0.9136600	0.01	-5.52	100.00	AVRG
Chrysene	1.3000000	1.0770000	1.0770000	0.01	-17.15	100.00	AVRG
Benzo(b)fluoranthene	0.7771800	1.0000000	0.9808000	0.01	-22.28	100.00	LINR
Benzo(k)fluoranthene	1.7930000	1.3534000	1.3534000	0.01	-24.52	100.00	AVRG
Benzo(a)pyrene	1.2390000	0.9919500	0.9919500	0.01	-19.94	20.00	AVRG
Indeno(1,2,3-cd)pyrene	0.8534400	1.0000000	0.5317300	0.01	-14.66	100.00	2RDR
Benzo(g,h,i)perylene	1.1590000	0.8434600	0.8434600	0.01	-27.22	100.00	AVRG
Dibenzo(a,h)anthracene	0.7516000	1.0000000	0.6693500	0.01	-24.84	100.00	LINR
2-Methylnaphthalene-d10	0.4180000	0.3715900	0.3715900	0.01	-11.10	100.00	AVRG
Fluorene-d10	1.3620000	1.1401000	1.1401000	0.01	-16.29	100.00	AVRG
Pyrene-d10	1.2290000	0.8819000	0.8819000	0.01	-28.24	100.00	AVRG

FORM VII PEST

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID (Standard): R3765 Date Analyzed: 04/07/07

Instrument ID: GCMS-R Time Analyzed: 1040

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD		20441	8.86	78252	11.71	37671	15.90
UPPER LIMIT		40882	9.36	156504	12.21	75342	16.40
LOWER LIMIT		10221	8.36	39126	11.21	18836	15.40
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	WG37524-BLANK	WG37524-1	25142	8.88	100163	11.73	51990	15.90
02	WG37524-LCS	WG37524-2	27234	8.87	105636	11.71	55063	15.90
03								
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID (Standard): R3765 Date Analyzed: 04/07/07

Instrument ID: GCMS-R Time Analyzed: 1040

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	52411	19.47	43059	25.90	25166	29.09
UPPER LIMIT	104822	19.97	86118	26.40	50332	29.59
LOWER LIMIT	26206	18.97	21530	25.40	12583	28.59

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG37524-BLANK	WG37524-1	72710	19.49	56541	25.90	38232	29.10
02	WG37524-LCS	WG37524-2	78142	19.47	61104	25.89	41392	29.09
03								
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID (Standard): R3797 Date Analyzed: 04/10/07

Instrument ID: GCMS-R Time Analyzed: 1031

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD		14570	8.85	60736	11.71	32123	15.90
UPPER LIMIT		29140	9.35	121472	12.21	64246	16.40
LOWER LIMIT		7285	8.35	30368	11.21	16062	15.40
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	WG37560-BLANK	WG37560-1	16892	8.86	67479	11.71	35287	15.90
02	JAX25-SB104-03	SA1374-1	14180	8.86	56467	11.71	28891	15.90
03	JAX25-SB108-03	SA1374-6	16854	8.86	68269	11.71	35732	15.90
04	JAX25-SB109-03	SA1374-7	18627	8.86	75334	11.71	39420	15.90
05	JAX25-SB107-03	SA1374-4	16685	8.86	66509	11.71	34400	15.90
06	JAX25-SB106-03	SA1374-3	16357	8.86	65137	11.71	34539	15.90
07	JAX25-SB110-03	SA1374-8	17312	8.86	68596	11.71	37148	15.90
08	JAX25-SB105-01	SA1374-2	17206	8.86	71636	11.71	43853	15.90
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID (Standard): R3797 Date Analyzed: 04/10/07

Instrument ID: GCMS-R Time Analyzed: 1031

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	44306	19.47	28189	25.89	21748	29.09
UPPER LIMIT	88612	19.97	56378	26.39	43496	29.59
LOWER LIMIT	22153	18.97	14095	25.39	10874	28.59

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG37560-BLANK	WG37560-1	47893	19.47	31146	25.90	24532	29.09
02	JAX25-SB104-03	SA1374-1	42133	19.49	25262	25.90	20215	29.09
03	JAX25-SB108-03	SA1374-6	48445	19.47	34277	25.89	29213	29.09
04	JAX25-SB109-03	SA1374-7	54014	19.47	37756	25.89	30037	29.09
05	JAX25-SB107-03	SA1374-4	48159	19.49	28668	25.89	23449	29.09
06	JAX25-SB106-03	SA1374-3	49491	19.49	39943	25.89	33223	29.09
07	JAX25-SB110-03	SA1374-8	53061	19.49	40615	25.89	33928	29.09
08	JAX25-SB105-01	SA1374-2	65136	19.47	41265	25.90	24396	29.12
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID (Standard): R3813 Date Analyzed: 04/11/07

Instrument ID: GCMS-R Time Analyzed: 0957

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	16280	8.84	66701	11.69	34394	15.88
UPPER LIMIT	32560	9.34	133402	12.19	68788	16.38
LOWER LIMIT	8140	8.34	33351	11.19	17197	15.38

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	JAX25-SB80-03	SA1374-5DL	26113	8.85	75764	11.72	37721	15.92
02	JAX25-SB80-03	SA1374-5DL2	14675	8.84	68211	11.69	38656	15.88
03	WG37560-LCS	WG37560-2	17917	8.85	71862	11.70	38348	15.88
04	WG37560-LCSD	WG37560-3	18366	8.85	73786	11.70	38517	15.88
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID (Standard): R3813 Date Analyzed: 04/11/07

Instrument ID: GCMS-R Time Analyzed: 0957

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	44438	19.47	21968	25.89	14959	29.08
UPPER LIMIT	88876	19.97	43936	26.39	29918	29.58
LOWER LIMIT	22219	18.97	10984	25.39	7480	28.58

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	JAX25-SB80-03	SA1374-5DL	52402	19.46	31788	25.89	23023	29.08
02	JAX25-SB80-03	SA1374-5DL2	49792	19.49	24470	25.90	17367	29.09
03	WG37560-LCS	WG37560-2	53139	19.47	29532	25.89	19342	29.09
04	WG37560-LCSD	WG37560-3	54091	19.47	35629	25.89	25204	29.08
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID (Standard): R3830 Date Analyzed: 04/12/07

Instrument ID: GCMS-R Time Analyzed: 1024

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	14682	8.84	57831	11.70	29522	15.88
UPPER LIMIT	29364	9.34	115662	12.20	59044	16.38
LOWER LIMIT	7341	8.34	28916	11.20	14761	15.38

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	JAX25-SB105-01	SA1374-2DL	17672	8.84	73592	11.69	40641	15.88
02								
03								
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID (Standard): R3830 Date Analyzed: 04/12/07

Instrument ID: GCMS-R Time Analyzed: 1024

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	38416	19.47	30955	25.87	23323	29.08
UPPER LIMIT	76832	19.97	61910	26.37	46646	29.58
LOWER LIMIT	19208	18.97	15478	25.37	11662	28.58

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	JAX25-SB105-01	SA1374-2DL	58474	19.46	48345	25.87	33269	29.08
02								
03								
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 06-APR-2007 09:49
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 91.7

Lab ID: SA1374-1
Client ID: JAX25-SB104-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: HC
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IJV	6.5	1.0	20	22	2.4
	n-Triacontane-D62		104%				
	O-Terphenyl		104%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 11-APR-2007 20:28
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 93.7

Lab ID: SA1374-2DL2
Client ID: JAX25-SB105-01
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	JV	400	10	20	210	24
	n-Triacontane-D62		D				
	O-Terphenyl		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 11-APR-2007 14:14
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 86.0

Lab ID: SA1374-3RA
Client ID: JAX25-SB106-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IJV	14	1.0	20	23	2.6
	n-Triacontane-D62		106%				
	O-Terphenyl		108%				

Page 01 of 01 CAD1081.d

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 11-APR-2007 15:28
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 88.4

Lab ID: SA1374-4RA
Client ID: JAX25-SB107-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IJV	12	1.0	20	23	2.5
	n-Triacontane-D62		106%				
	O-Terphenyl		108%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 11-APR-2007 21:43
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 91.7

Lab ID: SA1374-5DL
Client ID: JAX25-SB80-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	JV	6400	50	20	1100	120
	n-Triacontane-D62		D				
	O-Terphenyl		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/06/07
Analysis Date: 11-APR-2007 16:42
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 93.3

Lab ID: SA1374-6RERA
Client ID: JAX25-SB108-03
SDG: SA1374
Extracted by: KM
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37669
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IV	6.1	1.0	20	21	2.4
	n-Triacontane-D62		109%				
	O-Terphenyl		109%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 11-APR-2007 17:56
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 92.8

Lab ID: SA1374-7RA
Client ID: JAX25-SB109-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IJV	6.4	1.0	20	22	2.4
	n-Triacontane-D62		109%				
	O-Terphenyl		109%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 11-APR-2007 19:12
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 89.5

Lab ID: SA1374-8RA
Client ID: JAX25-SB110-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IJV	7.8	1.0	20	22	2.5
	n-Triacontane-D62		115%				
	O-Terphenyl		J116%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 04/04/07
Analysis Date: 06-APR-2007 02:16
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 100

Lab ID: WG37547-1
Client ID: WG37547-Blank
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: HC
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	I	6.9	1.0	20	20	2.2
	n-Triacontane-D62		104%				
	O-Terphenyl		103%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 04/06/07
Analysis Date: 11-APR-2007 11:44
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 100

Lab ID: WG37669-1RA
Client ID: WG37669-Blank
SDG: SA1374
Extracted by: KM
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37669
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	I	5.3	1.0	20	20	2.2
	n-Triacontane-D62		J142%				
	O-Terphenyl		J138%				

FORM 2
SOIL FL-PRO SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Level:(low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 OTP#	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	WG37547-BLANK	WG37547-1	104	103							0
02	WG37547-LCS	WG37547-2	62	62							0
03	WG37547-LCSD	WG37547-3	102	101							0
04	JAX25-SB104-03	SA1374-1	104	104							0
05	WG37669-BLANK	WG37669-1RA	142J	138J							2
06	WG37669-LCS	WG37669-2RA	108	112J							1
07	JAX25-SB106-03	SA1374-3RA	106	108							0
08	JAX25-SB107-03	SA1374-4RA	106	108							0
09	JAX25-SB108-03	SA1374-6RERA	109	109							0
10	JAX25-SB109-03	SA1374-7RA	109	109							0
11	JAX25-SB110-03	SA1374-8RA	115	116J							1
12	JAX25-SB105-01	SA1374-2DL2	D	D							0
13	JAX25-SB80-03	SA1374-5DL	D	D							0
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											

		QC LIMITS
S1	= n-Triacontane-D62	(60-118)
S2 (OTP)	= O-Terphenyl	(62-109)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 04/04/07
Analysis Date: 04/06/07
Report Date: 04/12/2007
Matrix: SOIL

Lab ID: WG37547-2 & WG37547-3
Client ID: WG37547-LCS & WG37547-LCSD
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: HC
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Petroleum Range Organics	57	57	NA	34	56	* 60	99 *	49	25	63-153

FORM III SV-2

CAD1030.d & CAD1031.d

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 04/06/07
Analysis Date: 04/11/07
Report Date: 04/12/2007
Matrix: SOIL

Lab ID: WG37669-2RA
Client ID: WG37669-LCS
SDG: SA1374
Extracted by: KM
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37669
Units: mg/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Petroleum Range Organics	57	NA	55	97	63-153

FORM III SV-2

CAD1080.d

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG37547-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: CAD1029 Lab Sample ID: WG37547-1

Instrument ID: GC12 Date Extracted: 04/04/07

Matrix: (soil/water) SOIL Date Analyzed: 04/06/07

Level:(low/med) LOW Time Analyzed: 0216

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG37547-LCS	WG37547-2	CAD1030	04/06/07	0331
02	WG37547-LCSD	WG37547-3	CAD1031	04/06/07	0447
03	JAX25-SB104-03	SA1374-1	CAD1035	04/06/07	0949
04	JAX25-SB106-03	SA1374-3RA	CAD1081	04/11/07	1414
05	JAX25-SB107-03	SA1374-4RA	CAD1082	04/11/07	1528
06	JAX25-SB109-03	SA1374-7RA	CAD1084	04/11/07	1756
07	JAX25-SB110-03	SA1374-8RA	CAD1085	04/11/07	1912
08	JAX25-SB105-01	SA1374-2DL2	CAD1086	04/11/07	2028
09	JAX25-SB80-03	SA1374-5DL	CAD1087	04/11/07	2143
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV SV

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG37669-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: CAD1079 Lab Sample ID: WG37669-1RA

Instrument ID: GC12 Date Extracted: 04/06/07

Matrix: (soil/water) SOIL Date Analyzed: 04/11/07

Level:(low/med) LOW Time Analyzed: 1144

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG37669-LCS	WG37669-2RA	CAD1080	04/11/07	1259
02	JAX25-SB108-03	SA1374-6RERA	CAD1083	04/11/07	1642
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV SV

FORM 6
FL-PRO INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GC12 Calibration Date(s): 04/05/07 04/05/07

Column: ZB-1 ID: 0.53 (mm) Calibration Time(s): 1728 2229

LAB FILE ID: RF5: CAD1026 RF20: CAD1025 RF50: CAD1022
RF100: CAD1024 RF200: CAD1023

COMPOUND	RF5	RF20	RF50	RF100	RF200	CURVE	COEFFICENTS A0	COEFFICENTS A1	%RSD OR R^2	MAX %RSD OR R^2
C-24	25888	95134	259750	621850	1162600	LINR	1.64311632	1.686e-004	0.99737	0.99000
C-8	68785	142860	305690	618330	1167400	LINR	-4.04674B2	1.734e-004	0.99868	0.99000
C-10	22837	95968	257890	599100	1131400	LINR	1.48710297	1.737e-004	0.99816	0.99000
C-12	24231	95356	258360	608550	1142500	LINR	1.53293005	1.718e-004	0.99777	0.99000
C-14	25245	94459	257280	613570	1152100	LINR	1.68813751	1.703e-004	0.99757	0.99000
C-16	25073	94583	258720	620500	1163800	LINR	1.77954097	1.685e-004	0.99744	0.99000
C-18	25034	94392	258660	621870	1165900	LINR	1.81690821	1.681e-004	0.99739	0.99000
C-28	28545	96084	261080	621950	1156100	LINR	1.30767034	1.697e-004	0.99725	0.99000
C-20	25536	98504	259380	622240	1164300	LINR	1.55128139	1.685e-004	0.99745	0.99000
C-22	25802	96239	262170	629040	1178200	LINR	1.72213973	1.664e-004	0.99740	0.99000
FL-PRO peaks C8-C40	472800	1672100	4431400	1.e+007	2e+007	LINR	19.2693919	1.718e-004	0.99772	0.99000
C-26	25738	95668	260580	620920	1155100	LINR	1.47051699	1.697e-004	0.99730	0.99000
C-38	23531	91791	245730	569570	1063800	LINR	1.10495802	1.847e-004	0.99786	0.99000
C-40	22142	91752	241560	560980	1055400	LINR	1.26840575	1.863e-004	0.99809	0.99000
C-30	27123	97230	261700	623950	1160400	LINR	1.36027642	1.69e-004	0.99729	0.99000
C-32	25969	97282	260080	622390	1154300	LINR	1.37465144	1.698e-004	0.99717	0.99000
C-34	26440	99633	267430	634160	1174100	LINR	1.23109284	1.67e-004	0.99724	0.99000
C-36	24879	95171	255350	595100	1102400	LINR	0.99828701	1.78e-004	0.99750	0.99000
O-Terphenyl	4962.60	5275.40	5587.80	6177.90	6081.90	AVRG		5617.11600	9.235	40.000
n-Triacontane-D62	4447.00	4275.70	4646.20	5276.00	5255.20	AVRG		4780.02933	9.672	40.000

FORM VI FL-PRO

Report Date : 12-Apr-2007 09:30

Katahdin Analytical Services

INITIAL CALIBRATION DATA

Start Cal Date : 05-APR-2007 17:28
End Cal Date : 05-APR-2007 22:29
Quant Method : ESTD
Origin : Included
Target Version : 4.12
Integrator : HP Genie
Method file : \\Target_server\GG\chem\gc12.i\GC12AD05A1.b\flpa012a.m
Cal Date : 09-Apr-2007 11:40 trollins

Calibration File Names:
Level 1: \\Target_server\GG\chem\gc12.i\GC12AD05A1.b\CAD1026.d
Level 2: \\Target_server\GG\chem\gc12.i\GC12AD05A1.b\CAD1025.d
Level 3: \\Target_server\GG\chem\gc12.i\GC12AD05A1.b\CAD1022.d
Level 4: \\Target_server\GG\chem\gc12.i\GC12AD05A1.b\CAD1024.d
Level 5: \\Target_server\GG\chem\gc12.i\GC12AD05A1.b\CAD1023.d

Compound	5.0000 Level 1	20.0000 Level 2	50.0000 Level 3	100.0000 Level 4	200.0000 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
M 1 FL-PRO peaks C8-C40	472805	1672118	4431396	10404072	19450108	LINR	19.26939	5820		0.99772
2 C-8	68785	142864	305686	618328	1167454	LINR	-4.04675	5768		0.99868
3 C-10	22837	95968	257888	599101	1131451	LINR	1.48710	5756		0.99816
4 C-12	24231	95356	258357	608550	1142469	LINR	1.53293	5820		0.99777
5 C-14	25245	94459	257284	613568	1152106	LINR	1.68814	5872		0.99757
6 C-16	25073	94583	258718	620502	1163778	LINR	1.77954	5936		0.99744
7 Petroleum Range Organics	472805	1672118	4431396	10404072	19450108	LINR	19.26939	5820		0.99772
8 C-18	25034	94392	258659	621870	1165947	LINR	1.81691	5949		0.99739
10 C-20	25536	98504	259380	622241	1164302	LINR	1.55128	5934		0.99745
11 C-22	25802	96239	262173	629037	1178258	LINR	1.72214	6010		0.99740
12 C-24	25888	95134	259747	621848	1162553	LINR	1.64312	5930		0.99737
13 C-26	25738	95668	260576	620917	1155130	LINR	1.47052	5893		0.99730
14 C-28	28545	96084	261079	621953	1156148	LINR	1.30767	5893		0.99725
16 C-30	27123	97230	261696	623951	1160406	LINR	1.36028	5917		0.99729
17 C-32	25969	97282	260084	622391	1154311	LINR	1.37465	5890		0.99717

Report Date : 12-Apr-2007 09:30

Katahdin Analytical Services

INITIAL CALIBRATION DATA

Start Cal Date : 05-APR-2007 17:28
End Cal Date : 05-APR-2007 22:29
Quant Method : ESTD
Origin : Included
Target Version : 4.12
Integrator : HP Genie
Method file : \\Target_server\GG\chem\gc12.i\GC12AD05A1.b\flpa012a.m
Cal Date : 09-Apr-2007 11:40 trollins

Compound	5.0000 Level 1	20.0000 Level 2	50.0000 Level 3	100.0000 Level 4	200.0000 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
18 C-34	26440	99633	267429	634162	1174105	LINR	1.23109	5989		0.99724
19 C-36	24879	95171	255348	595096	1102428	LINR	0.99829	5618		0.99750
20 C-38	23531	91791	245726	569568	1063858	LINR	1.10496	5414		0.99786
21 C-40	22142	91752	241558	560980	1055396	LINR	1.26841	5367		0.99809
$ 9 O-Terphenyl	4963	5275	5588	6178	6082	AVRG		5617		9.23536
$ 15 n-Triacontane-D62	4447	4276	4646	5276	5255	AVRG		4780		9.67178

Report Date : 12-Apr-2007 09:30

Katahdin Analytical Services

INITIAL CALIBRATION DATA

Start Cal Date : 05-APR-2007 17:28
End Cal Date : 05-APR-2007 22:29
Quant Method : ESTD
Origin : Included
Target Version : 4.12
Integrator : HP Genie
Method file : \\Target_server\GG\chem\gc12.i\GC12AD05A1.b\flpa012a.m
Cal Date : 09-Apr-2007 11:40 trollins

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + Rsp/m1	Response

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GC12 Calibration Date: 04/09/07 Time: 1648

Lab File ID: CAD1046 Init. Calib. Date(s): 04/05/07 04/05/07

Init. Calib. Times: 1728 2229

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	51.108000	50.000000	5866.3000	0.01	2.22	25.00	LINR
C-8	50.262000	50.000000	6265.2000	0.01	0.52	25.00	LINR
C-10	50.121000	50.000000	5599.0000	0.01	0.24	25.00	LINR
C-12	50.017000	50.000000	5643.5000	0.01	0.03	25.00	LINR
C-14	49.921000	50.000000	5664.8000	0.01	-0.16	25.00	LINR
C-16	49.949000	50.000000	5718.8000	0.01	-0.10	25.00	LINR
C-18	50.222000	50.000000	5758.9000	0.01	0.44	25.00	LINR
C-28	50.503000	50.000000	5798.6000	0.01	1.01	25.00	LINR
C-20	50.182000	50.000000	5771.3000	0.01	0.36	25.00	LINR
C-22	49.953000	50.000000	5797.0000	0.01	-0.09	25.00	LINR
FL-PRO peaks C8-C40	830.77000	850.00000	5566.8000	0.01	-2.26	25.00	LINR
C-26	50.402000	50.000000	5767.4000	0.01	0.80	25.00	LINR
C-38	42.156000	50.000000	4445.2000	0.01	-15.69	25.00	LINR
C-40	39.361000	50.000000	4089.0000	0.01	-21.28	25.00	LINR
C-30	50.800000	50.000000	5850.2000	0.01	1.60	25.00	LINR
C-32	49.826000	50.000000	5707.3000	0.01	-0.35	25.00	LINR
C-34	49.694000	50.000000	5805.2000	0.01	-0.61	25.00	LINR
C-36	46.290000	50.000000	5088.6000	0.01	-7.42	25.00	LINR
O-Terphenyl	5617.1000	6269.9000	6269.9000	0.01	11.62	25.00	AVRG
n-Triacontane-D62	4780.0000	5018.4000	5018.4000	0.01	4.99	25.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GC12 Calibration Date: 04/06/07 Time: 1331

Lab File ID: CAD1038 Init. Calib. Date(s): 04/05/07 04/05/07

Init. Calib. Times: 1728 2229

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	50.584000	50.000000	5804.1000	0.01	1.17	25.00	LINR
C-8	52.366000	50.000000	6508.0000	0.01	4.73	25.00	LINR
C-10	50.776000	50.000000	5674.4000	0.01	1.55	25.00	LINR
C-12	50.581000	50.000000	5709.2000	0.01	1.16	25.00	LINR
C-14	50.632000	50.000000	5748.4000	0.01	1.26	25.00	LINR
C-16	50.698000	50.000000	5807.7000	0.01	1.40	25.00	LINR
C-18	50.616000	50.000000	5805.8000	0.01	1.23	25.00	LINR
C-28	50.996000	50.000000	5856.7000	0.01	1.99	25.00	LINR
C-20	50.620000	50.000000	5823.4000	0.01	1.24	25.00	LINR
C-22	50.643000	50.000000	5879.9000	0.01	1.29	25.00	LINR
FL-PRO peaks C8-C40	872.25000	850.00000	5837.0000	0.01	2.62	25.00	LINR
C-26	51.000000	50.000000	5837.9000	0.01	2.00	25.00	LINR
C-38	53.442000	50.000000	5667.4000	0.01	6.88	25.00	LINR
C-40	53.801000	50.000000	5639.0000	0.01	7.60	25.00	LINR
C-30	50.965000	50.000000	5869.8000	0.01	1.93	25.00	LINR
C-32	50.750000	50.000000	5816.1000	0.01	1.50	25.00	LINR
C-34	51.309000	50.000000	5998.7000	0.01	2.62	25.00	LINR
C-36	52.468000	50.000000	5782.6000	0.01	4.94	25.00	LINR
O-Terphenyl	5617.1000	6148.1000	6148.1000	0.01	9.45	25.00	AVRG
n-Triacontane-D62	4780.0000	5180.6000	5180.6000	0.01	8.38	25.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GC12 Calibration Date: 04/11/07 Time: 1030

Lab File ID: CAD1078 Init. Calib. Date(s): 04/05/07 04/05/07

Init. Calib. Times: 1728 2229

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	46.762000	50.000000	5350.8000	0.01	-6.48	25.00	LINR
C-8	46.922000	50.000000	5880.0000	0.01	-6.16	25.00	LINR
C-10	46.690000	50.000000	5204.1000	0.01	-6.62	25.00	LINR
C-12	46.594000	50.000000	5245.2000	0.01	-6.81	25.00	LINR
C-14	46.476000	50.000000	5260.3000	0.01	-7.05	25.00	LINR
C-16	46.400000	50.000000	5297.4000	0.01	-7.20	25.00	LINR
C-18	46.354000	50.000000	5298.8000	0.01	-7.29	25.00	LINR
C-28	47.580000	50.000000	5454.1000	0.01	-4.84	25.00	LINR
C-20	44.145000	50.000000	5054.9000	0.01	-11.71	25.00	LINR
C-22	47.697000	50.000000	5525.8000	0.01	-4.61	25.00	LINR
FL-PRO peaks C8-C40	791.47000	850.00000	5287.7000	0.01	-6.88	25.00	LINR
C-26	46.830000	50.000000	5346.5000	0.01	-6.34	25.00	LINR
C-38	46.147000	50.000000	4877.5000	0.01	-7.71	25.00	LINR
C-40	46.121000	50.000000	4814.6000	0.01	-7.76	25.00	LINR
C-30	46.856000	50.000000	5383.6000	0.01	-6.29	25.00	LINR
C-32	47.036000	50.000000	5378.5000	0.01	-5.93	25.00	LINR
C-34	46.621000	50.000000	5437.2000	0.01	-6.76	25.00	LINR
C-36	46.234000	50.000000	5082.3000	0.01	-7.53	25.00	LINR
O-Terphenyl	5617.1000	5797.2000	5797.2000	0.01	3.21	25.00	AVRG
n-Triacontane-D62	4780.0000	4631.8000	4631.8000	0.01	-3.10	25.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GC12 Calibration Date: 04/12/07 Time: 0129

Lab File ID: CAD1090 Init. Calib. Date(s): 04/05/07 04/05/07

Init. Calib. Times: 1728 2229

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	49.085000	50.000000	5626.4000	0.01	-1.83	25.00	LINR
C-8	46.975000	50.000000	5886.0000	0.01	-6.05	25.00	LINR
C-10	49.134000	50.000000	5485.4000	0.01	-1.73	25.00	LINR
C-12	49.056000	50.000000	5531.7000	0.01	-1.89	25.00	LINR
C-14	48.818000	50.000000	5535.3000	0.01	-2.36	25.00	LINR
C-16	48.815000	50.000000	5584.2000	0.01	-2.37	25.00	LINR
C-18	48.809000	50.000000	5590.8000	0.01	-2.38	25.00	LINR
C-28	49.630000	50.000000	5695.7000	0.01	-0.74	25.00	LINR
C-20	48.850000	50.000000	5613.3000	0.01	-2.30	25.00	LINR
C-22	48.952000	50.000000	5676.6000	0.01	-2.10	25.00	LINR
FL-PRO peaks C8-C40	828.27000	850.00000	5540.4000	0.01	-2.56	25.00	LINR
C-26	49.050000	50.000000	5608.1000	0.01	-1.90	25.00	LINR
C-38	48.233000	50.000000	5103.3000	0.01	-3.53	25.00	LINR
C-40	47.724000	50.000000	4986.7000	0.01	-4.55	25.00	LINR
C-30	49.073000	50.000000	5645.9000	0.01	-1.85	25.00	LINR
C-32	49.016000	50.000000	5611.8000	0.01	-1.97	25.00	LINR
C-34	48.644000	50.000000	5679.4000	0.01	-2.71	25.00	LINR
C-36	48.404000	50.000000	5326.1000	0.01	-3.19	25.00	LINR
O-Terphenyl	5617.1000	6127.9000	6127.9000	0.01	9.09	25.00	AVRG
n-Triacontane-D62	4780.0000	4913.3000	4913.3000	0.01	2.79	25.00	AVRG

FORM VII PEST

FORM 8
FL-PRO ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

GC Column: ZB-1 ID: 0.53 (mm) Init. Calib. Date(s): 04/05/07 04/05/07

Instrument ID: GC12

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 15.70 S2 : 22.41

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		FLPRO 50UG/M	04/05/07	1728	15.70	22.41
02		FLPRO 200 UG	04/05/07	1843	15.69	22.40
03		FLPRO 100UG/	04/05/07	1959	15.69	22.40
04		FLPRO 20UG/M	04/05/07	2114	15.69	22.39
05		FLPRO 5UG/ML	04/05/07	2229	15.69	22.39
06	WG37547-BLAN	WG37547-1	04/06/07	0216	15.69	22.40
07	WG37547-LCS	WG37547-2	04/06/07	0331	15.70	22.40
08	WG37547-LCSD	WG37547-3	04/06/07	0447	15.70	22.40
09	JAX25-SB104-	SA1374-1	04/06/07	0949	15.70	22.41
10		FLPRO 50UG/M	04/06/07	1331	15.70	22.41
11		FLPRO IND50U	04/09/07	1648	15.71	22.42
12		FLPRO 50UG/M	04/11/07	1030	15.70	22.40
13	WG37669-BLAN	WG37669-1RA	04/11/07	1144	15.70	22.40
14	WG37669-LCS	WG37669-2RA	04/11/07	1259	15.70	22.40
15	JAX25-SB106-	SA1374-3RA	04/11/07	1414	15.70	22.40
16	JAX25-SB107-	SA1374-4RA	04/11/07	1528	15.70	22.40
17	JAX25-SB108-	SA1374-6RERA	04/11/07	1642	15.70	22.41
18	JAX25-SB109-	SA1374-7RA	04/11/07	1756	15.70	22.40
19	JAX25-SB110-	SA1374-8RA	04/11/07	1912	15.68	22.37
20	JAX25-SB105-	SA1374-2DL2	04/11/07	2028	15.68	22.36

QC LIMITS
S1 = O-Terphenyl (+/- 0.31 MINUTES)
S2 = n-Triacontane-D62 (+/- 0.45 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
FL-PRO ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

GC Column: ZB-1 ID: 0.53 (mm) Init. Calib. Date(s): 04/05/07 04/05/07

Instrument ID: GC12

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 15.70 S2 : 22.41

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01	JAX25-SB80-0	SA1374-5DL	04/11/07	2143		
02		FLPRO 50UG/M	04/12/07	0129	15.69	22.38
03						
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

		QC LIMITS
S1	= O-Terphenyl	(+/- 0.31 MINUTES)
S2	= n-Triacontane-D62	(+/- 0.45 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1374-1
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1374

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB104-03	SL	29-MAR-07	30-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	92. %	1	CLP SOW 788	WG37570	04-APR-07 09:37:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1374-2
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1374

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB105-01	SL	29-MAR-07	30-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	94. %	1	CLP SOW 788	WG37570	04-APR-07 09:38:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1374-3
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1374

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB106-03	SL	29-MAR-07	30-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	86. %	1	CLP SOW 788	WG37570	04-APR-07 09:39:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1374-4
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1374

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB107-03	SL	29-MAR-07	30-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	88. %	1	CLP SOW 788	WG37570	04-APR-07 09:40:00	CLP SOW 788	03-APR-07	JF	

600 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
sales@katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1374-5
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1374

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB80-03	SL	29-MAR-07	30-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	92. %	1	CLP SOW 788	WG37570	04-APR-07 09:42:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1374-6
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1374

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB108-03	SL	29-MAR-07	30-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	93. %	1	CLP SOW 788	WG37570	04-APR-07 09:43:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1374-7
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1374

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB109-03	SL	29-MAR-07	30-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	93. %	1	CLP SOW 788	WG37570	04-APR-07 09:44:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1374-8
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1374

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB110-03	SL	29-MAR-07	30-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	90. %	1	CLP SOW 788	WG37570	04-APR-07 09:45:00	CLP SOW 788	03-APR-07	JF	

Quality Control Report

Blank Sample Summary Report

Total Solids

Samp Type	QC Batch	Anal. Method	Anal. Date	Prep. Date	Result	PQL
MBLANK	WG37570	CLP SOW 788	04-APR-07	03-APR-07	U 1 %	1 %

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Quality Control Report

Laboratory Control Sample Summary Report

Total Solids

Lab Sample Id	Samp Type	QC Batch	Analysis Date	Prep Date	Units	Spike Amt.	Result	Recovery	Acceptance Range	RPD
WG37570-2	LCS	WG37570	04-APR-07	03-APR-07	%	90	90.	100	80-120	

600 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
sales@katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Quality Control Report

Duplicate Sample Summary Report

Total Solids

Duplicate Sample ID	Original Sample ID	QC Batch	Analysis Date	Result Units	Sample Result	Duplicate Result	RPD(%)	RPD Limit
WG37570-4	SA1374-4	WG37570	04-APR-07	%	88.	88.	0	20

600 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
sales@katahdinlab.com

VOLATILES DATA

QC Summary Section

FORM 2
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Level:(low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	WG37509-LCS	WG37509-1	75	69	83	89	0
02	WG37509-BLANK	WG37509-2	78	77	80	96	0
03	JAX25-SB104-03	SA1374-1	77	77	80	89	0
04	JAX25-SB105-01	SA1374-2	77	75	85	89	0
05	JAX25-SB106-03	SA1374-3	72	71	76	66	0
06	JAX25-SB107-03	SA1374-4	90	94	96	107	0
07	JAX25-SB80-03	SA1374-5	0J	0J	0J	0J	4
08	JAX25-SB108-03	SA1374-6	66	60	84	94	0
09	JAX25-SB110-03	SA1374-8	76	72	91	86	0
10	WG37601-LCS	WG37601-1	88	81	86	98	0
11	WG37601-BLANK	WG37601-2	83	87	85	95	0
12	JAX25-SB109-03	SA1374-7RA	89	86	87	90	0
13	JAX25-SB80-03	SA1374-5RA	0J	0J	0J	1960J	4
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							

		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(51-138)
SMC2 (DCA)	= 1,2-Dichloroethane-D4	(58-136)
SMC3 (TOL)	= Toluene-D8	(46-128)
SMC4 (BFB)	= P-Bromofluorobenzene	(33-137)

Column to be used to flag recovery values

J Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 2

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Level:(low/med) MED

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	WG37635-MEOHLCS	WG37635-3	88	86	95	92	0
02	WG37635-MEOHBLANK	WG37635-4	88	89	94	91	0
03	JAX25-SB80-03	SA1374-5DL	82	79	94	90	0
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							

		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(51-138)
SMC2 (DCA)	= 1,2-Dichloroethane-D4	(58-136)
SMC3 (TOL)	= Toluene-D8	(46-128)
SMC4 (BFB)	= P-Bromofluorobenzene	(33-137)

Column to be used to flag recovery values

J Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 2

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	WG37599-LCS	WG37599-1	91	90	97	93	0
02	WG37599-BLANK	WG37599-2	96	96	102	98	0
03	TRIP BLANK	SA1374-9	98	102	98	96	0
04	WG37635-LCS	WG37635-1	88	86	97	94	0
05	WG37635-BLANK	WG37635-2	87	88	95	93	0
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							

		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(64-133)
SMC2 (DCA)	= 1,2-Dichloroethane-D4	(63-148)
SMC3 (TOL)	= Toluene-D8	(78-121)
SMC4 (BFB)	= P-Bromofluorobenzene	(81-117)

Column to be used to flag recovery values

J Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG37509-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: F5124 Lab Sample ID: WG37509-2

Date Analyzed: 04/02/07 Time Analyzed: 1227

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: GCMS-F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG37509-LCS	WG37509-1	F5122	04/02/07	1104
02	JAX25-SB104-03	SA1374-1	F5126	04/02/07	1359
03	JAX25-SB105-01	SA1374-2	F5127	04/02/07	1437
04	JAX25-SB106-03	SA1374-3	F5128	04/02/07	1514
05	JAX25-SB107-03	SA1374-4	F5129	04/02/07	1552
06	JAX25-SB80-03	SA1374-5	F5130	04/02/07	1629
07	JAX25-SB108-03	SA1374-6	F5131	04/02/07	1707
08	JAX25-SB110-03	SA1374-8	F5133	04/02/07	1822
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IVVOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG37601-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: F5154 Lab Sample ID: WG37601-2

Date Analyzed: 04/04/07 Time Analyzed: 1249

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: GCMS-F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG37601-LCS	WG37601-1	F5152	04/04/07	1129
02	JAX25-SB109-03	SA1374-7RA	F5155	04/04/07	1359
03	JAX25-SB80-03	SA1374-5RA	F5156	04/04/07	1436
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IVVOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG37599-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: T5094 Lab Sample ID: WG37599-2

Date Analyzed: 04/04/07 Time Analyzed: 1202

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMS-T

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG37599-LCS	WG37599-1	T5092	04/04/07	1045
02	TRIP BLANK	SA1374-9	T5105	04/04/07	1803
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IVVOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG37635-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: T5119 Lab Sample ID: WG37635-2

Date Analyzed: 04/05/07 Time Analyzed: 1344

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMS-T

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG37635-MEOHLCS	WG37635-3	T5116	04/05/07	1135
02	WG37635-LCS	WG37635-1	T5117	04/05/07	1228
03	WG37635-MEOHBLANK	WG37635-4	T5120	04/05/07	1416
04	JAX25-SB80-03	SA1374-5DL	T5133	04/05/07	2133
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IVVOA

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 02-APR-2007 12:27
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 100

Lab ID: WG37509-2
Client ID: WG37509-Blank
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		78%				
17060-07-0	1,2-Dichloroethane-D4		77%				
2037-26-5	Toluene-D8		80%				
460-00-4	P-Bromofluorobenzene		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04-APR-2007 12:49
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 100

Lab ID: WG37601-2
Client ID: WG37601-Blank
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37601
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		83%				
17060-07-0	1,2-Dichloroethane-D4		87%				
2037-26-5	Toluene-D8		85%				
460-00-4	P-Bromofluorobenzene		95%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04-APR-2007 12:02
Report Date: 04/09/2007
Matrix: WATER
% Solids: NA

Lab ID: WG37599-2
Client ID: WG37599-Blank
SDG: SA1374
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37599
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.4	1.0	1	1	0.4
71-43-2	Benzene	U	0.5	1.0	1	1	0.5
100-41-4	Ethylbenzene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	U	1.0	1.0	2	2	1.0
95-47-6	o-Xylene	U	0.4	1.0	1	1	0.4
1330-20-7	Xylenes (total)	U	1	1.0	3	3	1
1634-04-4	Methyl tert-butyl ether	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		96%				
17060-07-0	1,2-Dichloroethane-D4		96%				
2037-26-5	Toluene-D8		102%				
460-00-4	P-Bromofluorobenzene		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 05-APR-2007 13:44
Report Date: 04/09/2007
Matrix: WATER
% Solids: NA

Lab ID: WG37635-2
Client ID: WG37635-Blank
SDG: SA1374
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.4	1.0	1	1	0.4
71-43-2	Benzene	U	0.5	1.0	1	1	0.5
100-41-4	Ethylbenzene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	U	1.0	1.0	2	2	1.0
95-47-6	o-Xylene	U	0.4	1.0	1	1	0.4
1330-20-7	Xylenes (total)	U	1	1.0	3	3	1
1634-04-4	Methyl tert-butyl ether	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		87%				
17060-07-0	1,2-Dichloroethane-D4		88%				
2037-26-5	Toluene-D8		95%				
460-00-4	P-Bromofluorobenzene		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 05-APR-2007 14:16
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 100

Lab ID: WG37635-4
Client ID: WG37635-MeOHBlank
SDG: SA1374
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	94	1.0	5	250	94
71-43-2	Benzene	U	46	1.0	5	250	46
100-41-4	Ethylbenzene	U	40	1.0	5	250	40
	m+p-Xylenes	U	190	1.0	10	500	190
95-47-6	o-Xylene	U	77	1.0	5	250	77
1330-20-7	Xylenes (total)	U	270	1.0	15	750	270
1634-04-4	Methyl tert-butyl ether	U	87	1.0	5	250	87
1868-53-7	Dibromofluoromethane		88%				
17060-07-0	1,2-Dichloroethane-D4		89%				
2037-26-5	Toluene-D8		94%				
460-00-4	P-Bromofluorobenzene		91%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/02/07
Report Date: 04/09/2007
Matrix: SOIL

Lab ID: WG37509-1
Client ID: WG37509-LCS
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	43	86	10-200
Chloromethane	50	NA	42	85	50-130
Vinyl chloride	50	NA	38	77	16-149
Bromomethane	50	NA	39	78	29-151
Chloroethane	50	NA	42	83	50-127
Trichlorofluoromethane	50	NA	41	82	56-141
Diethyl Ether	50	NA	39	79	53-139
Tertiary-butyl alcohol	250	NA	208	83	60-146
1,1-Dichloroethene	50	NA	40	80	68-134
Carbon Disulfide	50	NA	37	74	54-154
Freon-113	50	NA	40	80	73-131
Iodomethane	50	NA	47	94	10-175
Acrolein	250	NA	221	88	46-154
Methylene Chloride	50	NA	38	76	65-139
Acetone	50	NA	41	81	20-160
Isobutyl Alcohol	1000	NA	943	94	50-145
trans-1,2-Dichloroethene	50	NA	44	87	67-139
Allyl Chloride	50	NA	43	86	51-180
Methyl tert-butyl ether	100	NA	84	84	83-128
Acetonitrile	500	NA	401	80	31-157
Di-isopropyl ether	50	NA	42	83	69-136
Chloroprene	50	NA	43	85	83-121
Methacrylonitrile	500	NA	451	90	66-137
Propionitrile	500	NA	446	89	38-157
1,1-Dichloroethane	50	NA	49	97	74-129
Acrylonitrile	250	NA	195	78	42-155
Ethyl tertiary-butyl ether	50	NA	46	91	77-129
Vinyl Acetate	50	NA	45	90	64-102
cis-1,2-Dichloroethene	50	NA	46	91	72-130
1,2-Dichloroethylene (total)	100	NA	89	89	70-134
Methyl Methacrylate	50	NA	43	86	80-130
2,2-Dichloropropane	50	NA	48	96	76-132
Bromochloromethane	50	NA	51	101	81-127
Chloroform	50	NA	48	97	80-125
Carbon Tetrachloride	50	NA	47	94	69-140
Tetrahydrofuran	50	NA	46	92	64-147
1,1,1-Trichloroethane	50	NA	47	95	83-130
1,1-Dichloropropene	50	NA	50	99	86-127
2-Butanone	50	NA	44	89	30-160
Benzene	50	NA	52	103	81-121
Cyclohexane	50	NA	48	95	64-138
Ethyl Methacrylate	50	NA	48	96	76-129
Tertiary-amyl methyl ether	50	NA	46	92	76-126
1,2-Dichloroethane	50	NA	47	94	69-148
Trichloroethene	50	NA	49	98	86-121

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/02/07
Report Date: 04/09/2007
Matrix: SOIL

Lab ID: WG37509-1
Client ID: WG37509-LCS
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dibromomethane	50	NA	48	96	75-131
1,2-Dichloropropane	50	NA	51	102	78-125
Bromodichloromethane	50	NA	47	94	78-123
cis-1,3-dichloropropene	50	NA	50	99	91-121
1,4-Dioxane	1000	NA	792	79	61-151
2-Chloroethylvinylether	50	NA	51	102	30-135
Toluene	50	NA	50	100	86-120
4-methyl-2-pentanone	50	NA	44	89	79-130
Tetrachloroethene	50	NA	48	96	74-136
trans-1,3-Dichloropropene	50	NA	53	107	88-134
1,1,2-Trichloroethane	50	NA	48	96	85-116
Dibromochloromethane	50	NA	47	93	81-120
1,3-Dichloropropane	50	NA	49	97	90-112
1,2-Dibromoethane	50	NA	50	101	89-119
2-Hexanone	50	NA	50	99	84-132
Chlorobenzene	50	NA	52	103	86-114
Ethylbenzene	50	NA	51	102	88-114
1,1,1,2-Tetrachloroethane	50	NA	51	103	83-126
Xylenes (total)	150	NA	146	97	84-118
m+p-Xylenes	100	NA	98	98	84-119
o-Xylene	50	NA	48	96	82-120
Styrene	50	NA	45	90	85-115
Bromoform	50	NA	49	97	84-124
Isopropylbenzene	50	NA	54	108	92-126
cis-1,4-Dichloro-2-Butene	50	NA	42	85	75-128
trans-1,4-Dichloro-2-Butene	50	NA	41	81	73-125
Bromobenzene	50	NA	47	94	84-116
N-Propylbenzene	50	NA	48	97	81-121
1,1,2,2-Tetrachloroethane	50	NA	48	97	74-128
1,3,5-Trimethylbenzene	50	NA	47	94	87-114
2-Chlorotoluene	50	NA	47	94	83-117
1,2,3-Trichloropropane	50	NA	65	129	38-138
4-Chlorotoluene	50	NA	47	94	84-117
tert-Butylbenzene	50	NA	49	98	72-128
Pentachloroethane	50	NA	44	88	75-119
1,2,4-Trimethylbenzene	50	NA	47	94	88-113
P-Isopropyltoluene	50	NA	46	93	85-123
1,3-Dichlorobenzene	50	NA	48	95	84-118
1,4-Dichlorobenzene	50	NA	52	104	87-117
N-Butylbenzene	50	NA	48	96	83-116
sec-Butylbenzene	50	NA	46	92	87-115
1,2-Dichlorobenzene	50	NA	46	92	86-114
1,2-Dibromo-3-Chloropropane	50	NA	48	95	83-117
1,3,5-Trichlorobenzene	50	NA	51	101	67-127
Hexachlorobutadiene	50	NA	47	94	77-122

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/02/07
Report Date: 04/09/2007
Matrix: SOIL

Lab ID: WG37509-1
Client ID: WG37509-LCS
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	50	99	74-124
1,2,3-Trimethylbenzene	50	NA	50	99	84-116
Naphthalene	50	NA	44	88	29-166
1,2,3-Trichlorobenzene	50	NA	47	95	45-155
Methyl Acetate	50	NA	44	88	36-185
Methylcyclohexane	50	NA	43	86	68-131
1-Chlorohexane	50	NA	46	91	70-130
Total Alkylbenzenes	400	NA	332	83	60-140

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/04/07
Report Date: 04/09/2007
Matrix: SOIL

Lab ID: WG37601-1
Client ID: WG37601-LCS
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37601
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	117	*	234	10-200
Chloromethane	50	NA	70	*	140	50-130
Vinyl chloride	50	NA	74		147	16-149
Bromomethane	50	NA	66		132	29-151
Chloroethane	50	NA	63		126	50-127
Trichlorofluoromethane	50	NA	75	*	150	56-141
Diethyl Ether	50	NA	59		117	53-139
Tertiary-butyl alcohol	250	NA	265		106	60-146
1,1-Dichloroethene	50	NA	59		117	68-134
Carbon Disulfide	50	NA	47		95	54-154
Freon-113	50	NA	52		105	73-131
Iodomethane	50	NA	50		101	10-175
Acrolein	250	NA	268		107	46-154
Methylene Chloride	50	NA	56		112	65-139
Acetone	50	NA	53		106	20-160
Isobutyl Alcohol	1000	NA	964		96	50-145
trans-1,2-Dichloroethene	50	NA	53		106	67-139
Allyl Chloride	50	NA	56		112	51-180
Methyl tert-butyl ether	100	NA	112		112	83-128
Acetonitrile	500	NA	549		110	31-157
Di-isopropyl ether	50	NA	58		115	69-136
Chloroprene	50	NA	57		114	83-121
Methacrylonitrile	500	NA	478		96	66-137
Propionitrile	500	NA	477		95	38-157
1,1-Dichloroethane	50	NA	61		122	74-129
Acrylonitrile	250	NA	257		103	42-155
Ethyl tertiary-butyl ether	50	NA	51		102	77-129
Vinyl Acetate	50	NA	62	*	124	64-102
cis-1,2-Dichloroethene	50	NA	48		97	72-130
1,2-Dichloroethylene (total)	100	NA	102		102	70-134
Methyl Methacrylate	50	NA	45		90	80-130
2,2-Dichloropropane	50	NA	56		113	76-132
Bromochloromethane	50	NA	52		104	81-127
Chloroform	50	NA	55		109	80-125
Carbon Tetrachloride	50	NA	52		103	69-148
Tetrahydrofuran	50	NA	48		96	64-147
1,1,1-Trichloroethane	50	NA	55		109	83-130
1,1-Dichloropropene	50	NA	49		98	86-127
2-Butanone	50	NA	48		95	30-160
Benzene	50	NA	48		96	81-121
Cyclohexane	50	NA	53		106	64-138
Ethyl Methacrylate	50	NA	45		90	76-129
Tertiary-amyl methyl ether	50	NA	50		101	76-126
1,2-Dichloroethane	50	NA	52		103	69-148
Trichloroethene	50	NA	51		101	86-121

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/04/07
Report Date: 04/09/2007
Matrix: SOIL

Lab ID: WG37601-1
Client ID: WG37601-LCS
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37601
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dibromomethane	50	NA	50	99	75-131
1,2-Dichloropropane	50	NA	51	102	78-125
Bromodichloromethane	50	NA	46	93	78-123
cis-1,3-dichloropropene	50	NA	51	102	91-121
1,4-Dioxane	1000	NA	835	84	61-151
2-Chloroethylvinylether	50	NA	49	99	30-135
Toluene	50	NA	48	97	86-120
4-methyl-2-pentanone	50	NA	47	94	79-130
Tetrachloroethene	50	NA	54	107	74-136
trans-1,3-Dichloropropene	50	NA	53	106	88-134
1,1,2-Trichloroethane	50	NA	47	94	85-116
Dibromochloromethane	50	NA	55	110	81-120
1,3-Dichloropropane	50	NA	51	103	90-112
1,2-Dibromoethane	50	NA	46	93	89-119
2-Hexanone	50	NA	49	98	84-132
Chlorobenzene	50	NA	49	97	86-114
Ethylbenzene	50	NA	50	101	88-114
1,1,1,2-Tetrachloroethane	50	NA	50	101	83-126
Xylenes (total)	150	NA	166	111	84-118
m+p-Xylenes	100	NA	114	114	84-119
o-Xylene	50	NA	52	105	82-120
Styrene	50	NA	50	100	85-115
Bromoform	50	NA	52	104	84-124
Isopropylbenzene	50	NA	58	117	92-126
cis-1,4-Dichloro-2-Butene	50	NA	59	118	75-128
trans-1,4-Dichloro-2-Butene	50	NA	55	110	73-125
Bromobenzene	50	NA	52	104	84-116
N-Propylbenzene	50	NA	58	116	81-121
1,1,2,2-Tetrachloroethane	50	NA	51	102	74-128
1,3,5-Trimethylbenzene	50	NA	55	110	87-114
2-Chlorotoluene	50	NA	55	111	83-117
1,2,3-Trichloropropane	50	NA	57	113	38-138
4-Chlorotoluene	50	NA	58	117	84-117
tert-Butylbenzene	50	NA	54	109	72-128
Pentachloroethane	50	NA	55	111	75-119
1,2,4-Trimethylbenzene	50	NA	53	106	88-113
P-Isopropyltoluene	50	NA	52	104	85-123
1,3-Dichlorobenzene	50	NA	53	105	84-118
1,4-Dichlorobenzene	50	NA	55	110	87-117
N-Butylbenzene	50	NA	53	107	83-116
sec-Butylbenzene	50	NA	54	107	87-115
1,2-Dichlorobenzene	50	NA	57	113	86-114
1,2-Dibromo-3-Chloropropane	50	NA	55	110	83-117
1,3,5-Trichlorobenzene	50	NA	54	107	67-127
Hexachlorobutadiene	50	NA	53	106	77-122

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/04/07
Report Date: 04/09/2007
Matrix: SOIL

Lab ID: WG37601-1
Client ID: WG37601-LCS
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37601
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	55	109	74-124
1,2,3-Trimethylbenzene	50	NA	51	102	84-116
Naphthalene	50	NA	49	98	29-166
1,2,3-Trichlorobenzene	50	NA	51	103	45-155
Methyl Acetate	50	NA	45	90	36-185
Methylcyclohexane	50	NA	50	101	68-131
1-Chlorohexane	50	NA	51	101	70-130
Total Alkylbenzenes	400	NA	380	95	60-140

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/04/07
Report Date: 04/09/2007
Matrix: WATER

Lab ID: WG37599-1
Client ID: WG37599-LCS
SDG: SA1374
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37599
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	80		160	10-200
Chloromethane	50	NA	63	*	126	40-125
Vinyl chloride	50	NA	62		125	27-143
Bromomethane	50	NA	59		118	52-141
Chloroethane	50	NA	75	*	149	64-124
Trichlorofluoromethane	50	NA	81	*	161	63-153
Diethyl Ether	50	NA	50		99	63-146
Tertiary-butyl alcohol	250	NA	211		84	50-150
1,1-Dichloroethene	50	NA	54		108	85-129
Carbon Disulfide	50	NA	41		82	80-134
Freon-113	50	NA	58		116	79-129
Iodomethane	50	NA	66		131	67-144
Acrolein	250	NA	217		87	10-200
Methylene Chloride	50	NA	50		99	86-124
Acetone	50	NA	47		95	41-180
Isobutyl Alcohol	1000	NA	884		88	20-176
trans-1,2-Dichloroethene	50	NA	52		105	80-128
Allyl Chloride	50	NA	53		106	68-133
Methyl tert-butyl ether	100	NA	102		102	79-132
Acetonitrile	500	NA	432		86	35-171
Di-isopropyl ether	50	NA	51		101	82-122
Chloroprene	50	NA	54		107	77-133
Methacrylonitrile	500	NA	472		94	73-137
Propionitrile	500	NA	445		89	54-148
1,1-Dichloroethane	50	NA	55		110	90-127
Acrylonitrile	250	NA	224		90	70-135
Ethyl tertiary-butyl ether	50	NA	50		100	84-122
Vinyl Acetate	50	NA	62	*	125	47-122
cis-1,2-Dichloroethene	50	NA	49		97	84-121
1,2-Dichloroethylene (total)	100	NA	101		101	83-123
Methyl Methacrylate	50	NA	46		92	73-133
2,2-Dichloropropane	50	NA	56		112	68-149
Bromochloromethane	50	NA	50		101	87-120
Chloroform	50	NA	56		112	87-127
Carbon Tetrachloride	50	NA	60		120	74-149
Tetrahydrofuran	50	NA	43		86	46-154
1,1,1-Trichloroethane	50	NA	57		114	76-145
1,1-Dichloropropene	50	NA	55		110	87-130
2-Butanone	50	NA	44		87	30-150
Benzene	50	NA	52		104	90-116
Cyclohexane	50	NA	55		110	70-130
Ethyl Methacrylate	50	NA	52		103	60-138
Tertiary-amyl methyl ether	50	NA	49		98	82-118
1,2-Dichloroethane	50	NA	52		104	71-149
Trichloroethene	50	NA	52		105	83-132

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/04/07
Report Date: 04/09/2007
Matrix: WATER

Lab ID: WG37599-1
Client ID: WG37599-LCS
SDG: SA1374
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37599
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dibromomethane	50	NA	48	97	76-132
1,2-Dichloropropane	50	NA	51	103	95-112
Bromodichloromethane	50	NA	51	102	76-132
cis-1,3-dichloropropene	50	NA	52	103	85-127
1,4-Dioxane	1000	NA	871	87	10-125
2-Chloroethylvinylether	50	NA	54	108	20-137
Toluene	50	NA	53	106	85-122
4-methyl-2-pentanone	50	NA	48	96	63-154
Tetrachloroethene	50	NA	55	110	48-155
trans-1,3-Dichloropropene	50	NA	54	108	85-144
1,1,2-Trichloroethane	50	NA	51	102	78-124
Dibromochloromethane	50	NA	52	105	63-128
1,3-Dichloropropane	50	NA	51	102	65-127
1,2-Dibromoethane	50	NA	49	98	75-129
2-Hexanone	50	NA	47	94	47-160
Chlorobenzene	50	NA	50	100	68-128
Ethylbenzene	50	NA	55	110	76-124
1,1,1,2-Tetrachloroethane	50	NA	54	108	69-133
Xylenes (total)	150	NA	161	107	67-129
m+p-Xylenes	100	NA	108	108	68-127
o-Xylene	50	NA	53	106	64-133
Styrene	50	NA	50	101	66-130
Bromoform	50	NA	51	103	59-135
Isopropylbenzene	50	NA	60	120	95-140
cis-1,4-Dichloro-2-Butene	50	NA	48	97	56-155
trans-1,4-Dichloro-2-Butene	50	NA	48	96	66-151
Bromobenzene	50	NA	47	95	86-122
N-Propylbenzene	50	NA	56	111	92-124
1,1,2,2-Tetrachloroethane	50	NA	48	97	75-128
1,3,5-Trimethylbenzene	50	NA	54	108	86-127
2-Chlorotoluene	50	NA	53	106	84-129
1,2,3-Trichloropropane	50	NA	48	96	57-145
4-Chlorotoluene	50	NA	52	104	83-129
tert-Butylbenzene	50	NA	54	109	86-131
Pentachloroethane	50	NA	51	101	22-197
1,2,4-Trimethylbenzene	50	NA	54	109	85-124
P-Isopropyltoluene	50	NA	57	113	84-131
1,3-Dichlorobenzene	50	NA	53	106	81-121
1,4-Dichlorobenzene	50	NA	53	106	81-120
N-Butylbenzene	50	NA	55	110	67-138
sec-Butylbenzene	50	NA	57	113	82-128
1,2-Dichlorobenzene	50	NA	50	99	74-124
1,2-Dibromo-3-Chloropropane	50	NA	43	86	55-151
1,3,5-Trichlorobenzene	50	NA	49	99	77-122
Hexachlorobutadiene	50	NA	50	99	75-119

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/04/07
Report Date: 04/09/2007
Matrix: WATER

Lab ID: WG37599-1
Client ID: WG37599-LCS
SDG: SA1374
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37599
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	48	95	64-125
1,2,3-Trimethylbenzene	50	NA	52	104	84-122
Naphthalene	50	NA	45	90	40-137
1,2,3-Trichlorobenzene	50	NA	47	94	38-140
Methyl Acetate	50	NA	39	78	61-168
Methylcyclohexane	50	NA	49	98	81-130
1-Chlorohexane	50	NA	52	103	80-120
Total Alkylbenzenes	350	NA	386	110	60-140

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/05/07
Report Date: 04/09/2007
Matrix: WATER

Lab ID: WG37635-1
Client ID: WG37635-LCS
SDG: SA1374
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	76		151	10-200
Chloromethane	50	NA	63	*	126	40-125
Vinyl chloride	50	NA	61		123	27-143
Bromomethane	50	NA	54		107	52-141
Chloroethane	50	NA	59		118	64-124
Trichlorofluoromethane	50	NA	72		144	63-153
Diethyl Ether	50	NA	49		97	63-146
Tertiary-butyl alcohol	250	NA	202		81	50-150
1,1-Dichloroethene	50	NA	49		98	85-129
Carbon Disulfide	50	NA	38	*	75	80-134
Freon-113	50	NA	52		104	79-129
Iodomethane	50	NA	59		117	67-144
Acrolein	250	NA	303		121	10-200
Methylene Chloride	50	NA	46		93	86-124
Acetone	50	NA	44		89	41-180
Isobutyl Alcohol	1000	NA	869		87	20-176
trans-1,2-Dichloroethene	50	NA	50		100	80-128
Allyl Chloride	50	NA	49		98	68-133
Methyl tert-butyl ether	100	NA	97		97	79-132
Acetonitrile	500	NA	457		91	35-171
Di-isopropyl ether	50	NA	49		99	82-122
Chloroprene	50	NA	49		98	77-133
Methacrylonitrile	500	NA	460		92	73-137
Propionitrile	500	NA	446		89	54-148
1,1-Dichloroethane	50	NA	51		101	90-127
Acrylonitrile	250	NA	229		92	70-135
Ethyl tertiary-butyl ether	50	NA	47		95	84-122
Vinyl Acetate	50	NA	62	*	125	47-122
cis-1,2-Dichloroethene	50	NA	45		90	84-121
1,2-Dichloroethylene (total)	100	NA	95		95	83-123
Methyl Methacrylate	50	NA	48		95	73-133
2,2-Dichloropropane	50	NA	50		101	68-149
Bromochloromethane	50	NA	47		94	87-120
Chloroform	50	NA	51		102	87-127
Carbon Tetrachloride	50	NA	58		116	74-149
Tetrahydrofuran	50	NA	44		88	46-154
1,1,1-Trichloroethane	50	NA	52		104	76-145
1,1-Dichloropropene	50	NA	54		107	87-130
2-Butanone	50	NA	42		83	30-150
Benzene	50	NA	50		101	90-116
Cyclohexane	50	NA	53		106	70-130
Ethyl Methacrylate	50	NA	52		104	60-138
Tertiary-amyl methyl ether	50	NA	47		94	82-118
1,2-Dichloroethane	50	NA	51		102	71-149
Trichloroethene	50	NA	50		101	83-132

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/05/07
Report Date: 04/09/2007
Matrix: WATER

Lab ID: WG37635-1
Client ID: WG37635-LCS
SDG: SA1374
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dibromomethane	50	NA	48	97	76-132
1,2-Dichloropropane	50	NA	51	103	95-112
Bromodichloromethane	50	NA	51	102	76-132
cis-1,3-dichloropropene	50	NA	51	102	85-127
1,4-Dioxane	1000	NA	833	83	10-125
2-Chloroethylvinylether	50	NA	49	97	20-137
Toluene	50	NA	52	104	85-122
4-methyl-2-pentanone	50	NA	50	101	63-154
Tetrachloroethene	50	NA	54	108	48-155
trans-1,3-Dichloropropene	50	NA	54	107	85-144
1,1,2-Trichloroethane	50	NA	50	100	78-124
Dibromochloromethane	50	NA	52	105	63-128
1,3-Dichloropropane	50	NA	52	103	65-127
1,2-Dibromoethane	50	NA	49	97	75-129
2-Hexanone	50	NA	48	96	47-160
Chlorobenzene	50	NA	50	100	68-128
Ethylbenzene	50	NA	52	104	76-124
1,1,1,2-Tetrachloroethane	50	NA	55	109	69-133
Xylenes (total)	150	NA	160	107	67-129
m+p-Xylenes	100	NA	106	106	68-127
o-Xylene	50	NA	54	107	64-133
Styrene	50	NA	50	101	66-130
Bromoform	50	NA	51	103	59-135
Isopropylbenzene	50	NA	59	117	95-140
cis-1,4-Dichloro-2-Butene	50	NA	49	99	56-155
trans-1,4-Dichloro-2-Butene	50	NA	49	97	66-151
Bromobenzene	50	NA	48	96	86-122
N-Propylbenzene	50	NA	54	108	92-124
1,1,2,2-Tetrachloroethane	50	NA	49	99	75-128
1,3,5-Trimethylbenzene	50	NA	53	105	86-127
2-Chlorotoluene	50	NA	52	105	84-129
1,2,3-Trichloropropane	50	NA	49	98	57-145
4-Chlorotoluene	50	NA	51	102	83-129
tert-Butylbenzene	50	NA	53	106	86-131
Pentachloroethane	50	NA	50	100	22-197
1,2,4-Trimethylbenzene	50	NA	53	105	85-124
P-Isopropyltoluene	50	NA	54	108	84-131
1,3-Dichlorobenzene	50	NA	52	103	81-121
1,4-Dichlorobenzene	50	NA	52	105	81-120
N-Butylbenzene	50	NA	52	104	67-138
sec-Butylbenzene	50	NA	54	107	82-128
1,2-Dichlorobenzene	50	NA	49	98	74-124
1,2-Dibromo-3-Chloropropane	50	NA	44	88	55-151
1,3,5-Trichlorobenzene	50	NA	49	98	77-122
Hexachlorobutadiene	50	NA	45	91	75-119

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/05/07
Report Date: 04/09/2007
Matrix: WATER

Lab ID: WG37635-1
Client ID: WG37635-LCS
SDG: SA1374
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	47	94	64-125
1,2,3-Trimethylbenzene	50	NA	52	103	84-122
Naphthalene	50	NA	46	91	40-137
1,2,3-Trichlorobenzene	50	NA	46	92	38-140
Methyl Acetate	50	NA	37	73	61-168
Methylcyclohexane	50	NA	46	91	81-130
1-Chlorohexane	50	NA	50	101	80-120
Total Alkylbenzenes	350	NA	372	106	60-140

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/05/07
Report Date: 04/09/2007
Matrix: SOIL

Lab ID: WG37635-3
Client ID: WG37635-MeOHLCS
SDG: SA1374
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dichlorodifluoromethane	2500	NA	3820		153	10-200
Chloromethane	2500	NA	3100		124	40-125
Vinyl chloride	2500	NA	3160		126	27-143
Bromomethane	2500	NA	2060		82	52-141
Chloroethane	2500	NA	2200		88	64-124
Trichlorofluoromethane	2500	NA	1720		69	63-153
Diethyl Ether	2500	NA	964	*	38	63-146
Tertiary-butyl alcohol		NA				50-150
1,1-Dichloroethene	2500	NA	1630	*	65	85-129
Carbon Disulfide	2500	NA	1660	*	66	80-134
Freon-113	2500	NA	2330		93	79-129
Iodomethane	2500	NA	2130		85	67-144
Acrolein	12500	NA	14500		116	10-200
Methylene Chloride	2500	NA	2050	*	82	86-124
Acetone	2500	NA	2080		83	41-180
Isobutyl Alcohol	50000	NA	2580	*	5	20-176
trans-1,2-Dichloroethene	2500	NA	2410		96	80-128
Allyl Chloride	2500	NA	2520		101	68-133
Methyl tert-butyl ether	5000	NA	4790		96	79-132
Acetonitrile	25000	NA	9820		39	35-171
Di-isopropyl ether	2500	NA	2480		99	82-122
Chloroprene	2500	NA	2580		103	77-133
Methacrylonitrile	25000	NA	22600		90	73-137
Propionitrile	25000	NA	22500		90	54-148
1,1-Dichloroethane	2500	NA	2620		105	90-127
Acrylonitrile	12500	NA	11600		93	70-135
Ethyl tertiary-butyl ether	2500	NA	2420		97	84-122
Vinyl Acetate	2500	NA	3150	*	126	47-122
cis-1,2-Dichloroethene	2500	NA	2330		93	84-121
1,2-Dichloroethylene (total)	5000	NA	4750		95	83-123
Methyl Methacrylate	2500	NA	2280		91	73-133
2,2-Dichloropropane	2500	NA	2720		109	68-149
Bromochloromethane	2500	NA	2260		90	87-120
Chloroform	2500	NA	2620		105	87-127
Carbon Tetrachloride	2500	NA	2940		118	74-149
Tetrahydrofuran	2500	NA	2160		86	46-154
1,1,1-Trichloroethane	2500	NA	2700		108	76-145
1,1-Dichloropropene	2500	NA	2740		110	87-130
2-Butanone	2500	NA	2120		85	30-150
Benzene	2500	NA	2590		104	90-116
Cyclohexane	2500	NA	2740		110	70-130
Ethyl Methacrylate	2500	NA	2650		106	60-138
Tertiary-amyl methyl ether	2500	NA	2320		93	82-118
1,2-Dichloroethane	2500	NA	2580		103	71-149
Trichloroethene	2500	NA	2510		100	83-132

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/05/07
Report Date: 04/09/2007
Matrix: SOIL

Lab ID: WG37635-3
Client ID: WG37635-MeOHLCS
SDG: SA1374
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dibromomethane	2500	NA	2390	96	76-132
1,2-Dichloropropane	2500	NA	2600	104	95-112
Bromodichloromethane	2500	NA	2560	102	76-132
cis-1,3-dichloropropene	2500	NA	2560	102	85-127
1,4-Dioxane	50000	NA	46000	92	10-125
2-Chloroethylvinylether	2500	NA	2880	115	20-137
Toluene	2500	NA	2610	104	85-122
4-methyl-2-pentanone	2500	NA	2390	96	63-154
Tetrachloroethene	2500	NA	2750	110	48-155
trans-1,3-Dichloropropene	2500	NA	2670	107	85-144
1,1,2-Trichloroethane	2500	NA	2530	101	78-124
Dibromochloromethane	2500	NA	2570	103	63-128
1,3-Dichloropropane	2500	NA	2530	101	65-127
1,2-Dibromoethane	2500	NA	2430	97	75-129
2-Hexanone	2500	NA	2290	92	47-160
Chlorobenzene	2500	NA	2500	100	68-128
Ethylbenzene	2500	NA	2590	104	76-124
1,1,1,2-Tetrachloroethane	2500	NA	2680	107	69-133
Xylenes (total)	7500	NA	7900	105	67-129
m+p-Xylenes	5000	NA	5260	105	68-127
o-Xylene	2500	NA	2640	106	64-133
Styrene	2500	NA	2510	100	66-130
Bromoform	2500	NA	2440	98	59-135
Isopropylbenzene	2500	NA	2960	118	95-140
cis-1,4-Dichloro-2-Butene	2500	NA	2540	102	56-155
trans-1,4-Dichloro-2-Butene	2500	NA	2470	99	66-151
Bromobenzene	2500	NA	2370	95	86-122
N-Propylbenzene	2500	NA	2720	109	92-124
1,1,2,2-Tetrachloroethane	2500	NA	2390	96	75-128
1,3,5-Trimethylbenzene	2500	NA	2670	107	86-127
2-Chlorotoluene	2500	NA	2620	105	84-129
1,2,3-Trichloropropane	2500	NA	2360	94	57-145
4-Chlorotoluene	2500	NA	2570	103	83-129
tert-Butylbenzene	2500	NA	2680	107	86-131
Pentachloroethane	2500	NA	2580	103	22-197
1,2,4-Trimethylbenzene	2500	NA	2720	109	85-124
P-Isopropyltoluene	2500	NA	2780	111	84-131
1,3-Dichlorobenzene	2500	NA	2650	106	81-121
1,4-Dichlorobenzene	2500	NA	2690	108	81-120
N-Butylbenzene	2500	NA	2720	109	67-138
sec-Butylbenzene	2500	NA	2720	109	82-128
1,2-Dichlorobenzene	2500	NA	2520	101	74-124
1,2-Dibromo-3-Chloropropane	2500	NA	2230	89	55-151
1,3,5-Trichlorobenzene	2500	NA	2630	105	77-122
Hexachlorobutadiene	2500	NA	2500	100	75-119

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 04/05/07
Report Date: 04/09/2007
Matrix: SOIL

Lab ID: WG37635-3
Client ID: WG37635-MeOHLCS
SDG: SA1374
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	2500	NA	2470		99	64-125
1,2,3-Trimethylbenzene	2500	NA	2690		108	84-122
Naphthalene	2500	NA	2320		93	40-137
1,2,3-Trichlorobenzene	2500	NA	2400		96	38-140
Methyl Acetate	2500	NA	864	*	34	61-168
Methylcyclohexane	2500	NA	2400		96	81-130
1-Chlorohexane	2500	NA	2570		103	80-120
Total Alkylbenzenes	17500	NA	19000		108	60-140

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: FB627 BFB Injection Date: 03/23/07

Instrument ID: GCMS-F BFB Injection Time: 1204

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	28.4
75	30.0 - 60.0% of mass 95	52.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	79.7
175	5.0 - 9.0% of mass 174	7.1 (8.9)1
176	95.0 - 101.0% of mass 174	80.1 (100.5)1
177	5.0 - 9.0% of mass 176	5.9 (7.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD200F23A	F5024	03/23/07	1353
02		VSTD100F23A	F5025	03/23/07	1430
03		VSTD050F23A	F5026	03/23/07	1508
04		VSTD020F23A	F5027	03/23/07	1546
05		VSTD010F23A	F5028	03/23/07	1623
06		VSTD005F23A	F5029	03/23/07	1701
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: FB633 BFB Injection Date: 04/02/07

Instrument ID: GCMS-F BFB Injection Time: 0936

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	25.5
75	30.0 - 60.0% of mass 95	55.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	85.4
175	5.0 - 9.0% of mass 174	4.3 (5.0)1
176	95.0 - 101.0% of mass 174	81.9 (95.9)1
177	5.0 - 9.0% of mass 176	5.7 (6.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050F02A	F5121	04/02/07	1005
02	WG37509-LCS	WG37509-1	F5122	04/02/07	1104
03	WG37509-BLANK	WG37509-2	F5124	04/02/07	1227
04	JAX25-SB104-03	SA1374-1	F5126	04/02/07	1359
05	JAX25-SB105-01	SA1374-2	F5127	04/02/07	1437
06	JAX25-SB106-03	SA1374-3	F5128	04/02/07	1514
07	JAX25-SB107-03	SA1374-4	F5129	04/02/07	1552
08	JAX25-SB80-03	SA1374-5	F5130	04/02/07	1629
09	JAX25-SB108-03	SA1374-6	F5131	04/02/07	1707
10	JAX25-SB110-03	SA1374-8	F5133	04/02/07	1822
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: FB634 BFB Injection Date: 04/03/07

Instrument ID: GCMS-F BFB Injection Time: 0947

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.2
75	30.0 - 60.0% of mass 95	51.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	5.6
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	80.9
175	5.0 - 9.0% of mass 174	6.5 (8.0)1
176	95.0 - 101.0% of mass 174	81.0 (100.2)1
177	5.0 - 9.0% of mass 176	4.9 (6.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD200F03A	F5142	04/03/07	1523
02		VSTD100F03A	F5143	04/03/07	1600
03		VSTD050F03D	F5144	04/03/07	1638
04		VSTD020F03A	F5145	04/03/07	1715
05		VSTD010F03A	F5146	04/03/07	1752
06		VSTD005F03A	F5147	04/03/07	1830
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: FB635 BFB Injection Date: 04/04/07

Instrument ID: GCMS-F BFB Injection Time: 1006

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	26.4
75	30.0 - 60.0% of mass 95	57.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	5.7
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	81.8
175	5.0 - 9.0% of mass 174	6.6 (8.1)1
176	95.0 - 101.0% of mass 174	82.1 (100.3)1
177	5.0 - 9.0% of mass 176	5.0 (6.1)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050F04A	F5151	04/04/07	1041
02	WG37601-LCS	WG37601-1	F5152	04/04/07	1129
03	WG37601-BLANK	WG37601-2	F5154	04/04/07	1249
04	JAX25-SB109-03	SA1374-7RA	F5155	04/04/07	1359
05	JAX25-SB80-03	SA1374-5RA	F5156	04/04/07	1436
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: TB302 BFB Injection Date: 03/29/07

Instrument ID: GCMS-T BFB Injection Time: 1342

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.0
75	30.0 - 60.0% of mass 95	42.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	96.9
175	5.0 - 9.0% of mass 174	6.1 (6.3)1
176	95.0 - 101.0% of mass 174	96.2 (99.3)1
177	5.0 - 9.0% of mass 176	5.7 (5.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD200T29A	T5019	03/29/07	1444
02		VSTD100T29A	T5020	03/29/07	1516
03		VSTD050T29A	T5021	03/29/07	1548
04		VSTD020T29A	T5022	03/29/07	1620
05		VSTD005T29A	T5023	03/29/07	1652
06		VSTD001T29A	T5024	03/29/07	1724
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: TB305 BFB Injection Date: 04/04/07

Instrument ID: GCMS-T BFB Injection Time: 0934

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	24.4
75	30.0 - 60.0% of mass 95	41.1
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.2
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	123.1
175	5.0 - 9.0% of mass 174	6.7 (5.5)1
176	95.0 - 101.0% of mass 174	117.7 (95.6)1
177	5.0 - 9.0% of mass 176	10.0 (8.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050T04A	T5091	04/04/07	1001
02	WG37599-LCS	WG37599-1	T5092	04/04/07	1045
03	WG37599-BLANK	WG37599-2	T5094	04/04/07	1202
04	TRIP BLANK	SA1374-9	T5105	04/04/07	1803
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: TB306 BFB Injection Date: 04/05/07

Instrument ID: GCMS-T BFB Injection Time: 1002

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.3
75	30.0 - 60.0% of mass 95	43.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	5.9
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	99.8
175	5.0 - 9.0% of mass 174	8.7 (8.7)1
176	95.0 - 101.0% of mass 174	99.9 (100.1)1
177	5.0 - 9.0% of mass 176	6.4 (6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050T05A	T5114	04/05/07	1029
02	WG37635-MEOHLCS	WG37635-3	T5116	04/05/07	1135
03	WG37635-LCS	WG37635-1	T5117	04/05/07	1228
04	WG37635-BLANK	WG37635-2	T5119	04/05/07	1344
05	WG37635-MEOHBLANK	WG37635-4	T5120	04/05/07	1416
06	JAX25-SB80-03	SA1374-5DL	T5133	04/05/07	2133
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID (Standard): F5121 Date Analyzed: 04/02/07

Instrument ID: GCMS-F Time Analyzed: 1005

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD	158266	9.08	242582	9.79	196928	12.98
UPPER LIMIT	316532	9.58	485164	10.29	393856	13.48
LOWER LIMIT	79133	8.58	121291	9.29	98464	12.48

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG37509-LCS	WG37509-1	158346	9.09	226373	9.79	188207	12.98
02	WG37509-BLANK	WG37509-2	139600	9.08	202014	9.79	165048	12.98
03	JAX25-SB104-03	SA1374-1	129350	9.08	190282	9.79	154480	12.98
04	JAX25-SB105-01	SA1374-2	126931	9.08	181515	9.79	140664	12.98
05	JAX25-SB106-03	SA1374-3	129683	9.08	204868	9.79	147186	12.97
06	JAX25-SB107-03	SA1374-4	107074	9.08	158459	9.79	137884	12.98
07	JAX25-SB80-03	SA1374-5			120661*	9.85	75591*	13.07
08	JAX25-SB108-03	SA1374-6	173496	9.07	231436	9.78	195846	12.98
09	JAX25-SB110-03	SA1374-8	131271	9.08	191358	9.79	154232	12.97
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID (Standard): F5121 Date Analyzed: 04/02/07

Instrument ID: GCMS-F Time Analyzed: 1005

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		93945	14.70				
UPPER LIMIT		187890	15.20				
LOWER LIMIT		46973	14.20				
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG37509-LCS	WG37509-1	96656	14.70				
02 WG37509-BLANK	WG37509-2	79273	14.70				
03 JAX25-SB104-03	SA1374-1	79114	14.70				
04 JAX25-SB105-01	SA1374-2	60263	14.70				
05 JAX25-SB106-03	SA1374-3	62263	14.69				
06 JAX25-SB107-03	SA1374-4	59730	14.70				
07 JAX25-SB80-03	SA1374-5	15338*	14.73				
08 JAX25-SB108-03	SA1374-6	99827	14.70				
09 JAX25-SB110-03	SA1374-8	72198	14.69				
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID (Standard): F5151 Date Analyzed: 04/04/07

Instrument ID: GCMS-F Time Analyzed: 1041

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

		IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD		137853	9.08	205097	9.78	176397	12.98
UPPER LIMIT		275706	9.58	410194	10.28	352794	13.48
LOWER LIMIT		68927	8.58	102549	9.28	88199	12.48
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	WG37601-LCS	WG37601-1	143184	9.08	212899	9.79	167193	12.98
02	WG37601-BLANK	WG37601-2	134484	9.08	195447	9.79	155146	12.97
03	JAX25-SB109-03	SA1374-7RA	126449	9.09	180283	9.79	152747	12.97
04	JAX25-SB80-03	SA1374-5RA			133582	9.86	84813*	13.08
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID (Standard): F5151 Date Analyzed: 04/04/07

Instrument ID: GCMS-F Time Analyzed: 1041

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	94444	14.70				
UPPER LIMIT	188888	15.20				
LOWER LIMIT	47222	14.20				

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG37601-LCS	WG37601-1	82638	14.70				
02	WG37601-BLANK	WG37601-2	80614	14.70				
03	JAX25-SB109-03	SA1374-7RA	67559	14.70				
04	JAX25-SB80-03	SA1374-5RA	15013*	14.68				
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID (Standard): T5091 Date Analyzed: 04/04/07

Instrument ID: GCMS-T Time Analyzed: 1001

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD	1239706	8.20	1689403	9.10	1464119	12.61
UPPER LIMIT	2479412	8.70	3378806	9.60	2928238	13.11
LOWER LIMIT	619853	7.70	844702	8.60	732060	12.11

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG37599-LCS	WG37599-1	1281571	8.20	1816722	9.10	1536540	12.61
02	WG37599-BLANK	WG37599-2	1187594	8.21	1636566	9.10	1405599	12.61
03	TRIP BLANK	SA1374-9	1074871	8.22	1434178	9.11	1220852	12.62
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID (Standard): T5091 Date Analyzed: 04/04/07

Instrument ID: GCMS-T Time Analyzed: 1001

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	859845	15.74				
UPPER LIMIT	1719690	16.24				
LOWER LIMIT	429923	15.24				

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG37599-LCS	WG37599-1	884222	15.74				
02	WG37599-BLANK	WG37599-2	785565	15.74				
03	TRIP BLANK	SA1374-9	681062	15.74				
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID (Standard): T5114 Date Analyzed: 04/05/07

Instrument ID: GCMS-T Time Analyzed: 1029

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD	1223091	8.24	1602902	9.12	1401098	12.64
UPPER LIMIT	2446182	8.74	3205804	9.62	2802196	13.14
LOWER LIMIT	611546	7.74	801451	8.62	700549	12.14

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG37635-MEOHLCS	WG37635-3	1266684	8.24	1709805	9.12	1444249	12.63
02	WG37635-LCS	WG37635-1	1335653	8.24	1803658	9.12	1510778	12.63
03	WG37635-BLANK	WG37635-2	1253923	8.24	1637628	9.13	1377310	12.64
04	WG37635-MEOHBLANK	WG37635-4	1245517	8.24	1647331	9.12	1387664	12.64
05	JAX25-SB80-03	SA1374-5DL	1479599	8.22	2054517	9.11	1770659	12.62
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID (Standard): T5114 Date Analyzed: 04/05/07

Instrument ID: GCMS-T Time Analyzed: 1029

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		845539	15.76				
UPPER LIMIT		1691078	16.26				
LOWER LIMIT		422770	15.26				
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG37635-MEOHLCS	WG37635-3	830755	15.75				
02 WG37635-LCS	WG37635-1	879643	15.75				
03 WG37635-BLANK	WG37635-2	777352	15.75				
04 WG37635-MEOHBLANK	WG37635-4	801669	15.75				
05 JAX25-SB80-03	SA1374-5DL	956597	15.73				
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

Sample Data Section

ORGANICS DATA QUALIFIERS

U	Indicates the compound was analyzed for but not detected above the laboratory Practical Quantitation Limit.
*	Compound recovery outside of quality control limits.
D	Indicates the result was obtained from analysis of a diluted sample. Surrogate recoveries may not be calculable.
E	Estimated value. This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis.
J	Estimated value. The analyte was detected in the sample at a concentration less than the laboratory Practical Quantitation Limit (PQL), but above the Method Detection Limit (MDL).
B	Indicates the analyte was detected in the laboratory method blank analyzed concurrently with the sample.
N	Presumptive evidence of a compound based on a mass spectral library search.
A	Indicates that a tentatively identified compound is a suspected aldol-condensation product.
P	Used for Pesticide/Aroclor analyte when there is a greater than 25% difference for detected concentrations between the two GC columns.

Katahdin Analytical Services, Inc.

Manual Integration Codes For GC/MS, GC, HPLC and/or IC

M1	Peak splitting
M2	Well defined peaks on the shoulders of the other peaks.
M3	There is additional area due to a coeluting interferant
M4	There are negative spikes in the baseline.
M5	There are rising or falling baselines.
M6	The software has failed to detect a peak or misidentified a peak.
M7	Excessive peak tailing.
M8	Analysis such as GRO, DRO and TPH require a baseline hold

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date:
Analysis Date: 02-APR-2007 13:59
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 91.7

Lab ID: SA1374-1
Client ID: JAX25-SB104-03
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
	m+p-Xylenes	U	4	1.0	10	12	4
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	U	6	1.0	15	18	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		77%				
17060-07-0	1,2-Dichloroethane-D4		77%				
2037-26-5	Toluene-D8		80%				
460-00-4	P-Bromofluorobenzene		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date:
Analysis Date: 02-APR-2007 14:37
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 93.7

Lab ID: SA1374-2
Client ID: JAX25-SB105-01
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
	m+p-Xylenes	U	4	1.0	10	11	4
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	U	6	1.0	15	17	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		77%				
17060-07-0	1,2-Dichloroethane-D4		75%				
2037-26-5	Toluene-D8		85%				
460-00-4	P-Bromofluorobenzene		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date:
Analysis Date: 02-APR-2007 15:14
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 86.0

Lab ID: SA1374-3
Client ID: JAX25-SB106-03
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	1	1.0	5	6	1
	m+p-Xylenes	U	5	1.0	10	12	5
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	U	7	1.0	15	19	7
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		72%				
17060-07-0	1,2-Dichloroethane-D4		71%				
2037-26-5	Toluene-D8		76%				
460-00-4	P-Bromofluorobenzene		66%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date:
Analysis Date: 02-APR-2007 15:52
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 88.4

Lab ID: SA1374-4
Client ID: JAX25-SB107-03
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	1.0	1.0	5	5	1.0
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	6	1.0	15	16	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		90%				
17060-07-0	1,2-Dichloroethane-D4		94%				
2037-26-5	Toluene-D8		96%				
460-00-4	P-Bromofluorobenzene		107%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date:
Analysis Date: 02-APR-2007 16:29
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 91.7

Lab ID: SA1374-5
Client ID: JAX25-SB80-03
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
	m+p-Xylenes	L	4600	1.0	10	12	4
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	L	4600	1.0	15	18	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		J 0%				
17060-07-0	1,2-Dichloroethane-D4		J 0%				
2037-26-5	Toluene-D8		J 0%				
460-00-4	P-Bromofluorobenzene		J 0%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date:
Analysis Date: 04-APR-2007 14:36
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 91.7

Lab ID: SA1374-5RA
Client ID: JAX25-SB80-03
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37601
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
	m+p-Xylenes	L	4600	1.0	10	11	4
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	L	4600	1.0	15	17	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		J 0%				
17060-07-0	1,2-Dichloroethane-D4		J 0%				
2037-26-5	Toluene-D8		J 0%				
460-00-4	P-Bromofluorobenzene		J1960%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date:
Analysis Date: 05-APR-2007 21:33
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 91.7

Lab ID: SA1374-5DL
Client ID: JAX25-SB80-03
SDG: SA1374
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	5700	1.0	5	15000	5700
71-43-2	Benzene	U	2800	1.0	5	15000	2800
100-41-4	Ethylbenzene	I	3600	1.0	5	15000	2400
	m+p-Xylenes	U	12000	1.0	10	30000	12000
95-47-6	o-Xylene	U	4700	1.0	5	15000	4700
1330-20-7	Xylenes (total)	U	16000	1.0	15	45000	16000
1634-04-4	Methyl tert-butyl ether	U	5200	1.0	5	15000	5200
1868-53-7	Dibromofluoromethane		82%				
17060-07-0	1,2-Dichloroethane-D4		79%				
2037-26-5	Toluene-D8		94%				
460-00-4	P-Bromofluorobenzene		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date:
Analysis Date: 02-APR-2007 17:07
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 93.3

Lab ID: SA1374-6
Client ID: JAX25-SB108-03
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
	m+p-Xylenes	U	4	1.0	10	11	4
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	U	6	1.0	15	16	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		66%				
17060-07-0	1,2-Dichloroethane-D4		60%				
2037-26-5	Toluene-D8		84%				
460-00-4	P-Bromofluorobenzene		94%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date:
Analysis Date: 04-APR-2007 13:59
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 92.8

Lab ID: SA1374-7RA
Client ID: JAX25-SB109-03
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37601
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	1.0	1.0	5	5	1.0
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	6	1.0	15	16	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		89%				
17060-07-0	1,2-Dichloroethane-D4		86%				
2037-26-5	Toluene-D8		87%				
460-00-4	P-Bromofluorobenzene		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date:
Analysis Date: 02-APR-2007 18:22
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 89.5

Lab ID: SA1374-8
Client ID: JAX25-SB110-03
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		76%				
17060-07-0	1,2-Dichloroethane-D4		72%				
2037-26-5	Toluene-D8		91%				
460-00-4	P-Bromofluorobenzene		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 02/12/07
Received Date: 03/30/07
Extraction Date:
Analysis Date: 04-APR-2007 18:03
Report Date: 04/09/2007
Matrix: WATER
% Solids: NA

Lab ID: SA1374-9
Client ID: TRIP BLANK
SDG: SA1374
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37599
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.4	1.0	1	1	0.4
71-43-2	Benzene	U	0.5	1.0	1	1	0.5
100-41-4	Ethylbenzene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	U	1.0	1.0	2	2	1.0
95-47-6	o-Xylene	U	0.4	1.0	1	1	0.4
1330-20-7	Xylenes (total)	U	1	1.0	3	3	1
1634-04-4	Methyl tert-butyl ether	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		98%				
17060-07-0	1,2-Dichloroethane-D4		102%				
2037-26-5	Toluene-D8		98%				
460-00-4	P-Bromofluorobenzene		96%				

Standards Data Section

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GCMS-F Calibration Date(s): 03/23/07 03/23/07

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1353 1701

LAB FILE ID: RF5: F5029 RF10: F5028 RF20: F5027
RF50: F5026 RF100: F5025 RF200: F5024

COMPOUND	RF5	RF10	RF20	RF50	RF100	RF200	CURVE	COEFF. A1	%RSD OR R^2	MAX %RSD OR R^2
Toluene	0.953	0.972	0.946	0.877	0.909	1.081	AVRG	0.95660627	7.301	15.000
Benzene	1.397	1.676	1.661	1.423	1.529	1.619	AVRG	1.55069120	7.795	15.000
Ethylbenzene	2.264	2.438	2.708	2.192	2.330	2.475	AVRG	2.40103500	7.653	15.000
m+p-Xylenes	0.804	0.836	0.840	0.751	0.858	0.886	AVRG	0.82926589	5.662	15.000
o-Xylene	0.828	0.775	0.845	0.732	0.771	0.811	AVRG	0.79382007	5.267	15.000
Xylenes (total)							AVRG			0.000
Methyl tert-butyl ether	1.675	1.974	1.989	1.670	1.890	1.939	AVRG	1.85609287	7.882	15.000
Dibromofluoromethane	0.841	0.948	0.866	0.757	0.855	0.886	AVRG	0.85897285	7.259	15.000
1,2-Dichloroethane-D4	1.099	1.060	0.964	0.846	0.880	0.968	AVRG	0.96933127	10.146	15.000
Toluene-D8	1.397	1.555	1.326	1.237	1.210	1.382	AVRG	1.35097878	9.257	15.000
P-Bromofluorobenzene	0.591	0.622	0.551	0.543	0.529	0.596	AVRG	0.57223295	6.329	15.000

Average %RSD test result.

Calculate Average %RSD: 8.646585464
Maximum Average %RSD: 15.00000000

Note: Passes Average %RSD Test.

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GCMS-F Calibration Date(s): 04/03/07 04/03/07

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1523 1830

LAB FILE ID: RF5: F5147 RF10: F5146 RF20: F5145
RF50: F5144 RF100: F5143 RF200: F5142

COMPOUND	RF5	RF10	RF20	RF50	RF100	RF200	CURVE	COEFF. A1	%RSD OR R^2	MAX %RSD OR R^2
Toluene	0.852	1.021	0.909	1.027	0.968	0.836	AVRG	0.93570275	8.876	15.000
Benzene	1.458	1.560	1.512	1.672	1.669	1.383	AVRG	1.54245004	7.476	15.000
Ethylbenzene	2.182	2.155	2.240	2.631	2.393	2.204	AVRG	2.30092084	7.922	15.000
m+p-Xylenes	0.717	0.702	0.717	0.806	0.834	0.681	AVRG	0.74294837	8.327	15.000
o-Xylene	0.686	0.651	0.757	0.821	0.817	0.705	AVRG	0.73952758	9.516	15.000
Xylenes (total)							AVRG			0.000
Methyl tert-butyl ether	1.491	1.606	1.506	1.476	1.735	1.496	AVRG	1.55174965	6.513	15.000
Dibromofluoromethane	0.705	0.801	0.739	0.728	0.803	0.685	AVRG	0.74344796	6.586	15.000
1,2-Dichloroethane-D4	0.884	0.930	0.831	0.852	0.880	0.760	AVRG	0.85615855	6.740	15.000
Toluene-D8	1.254	1.455	1.293	1.422	1.393	1.214	AVRG	1.33835238	7.338	15.000
P-Bromofluorobenzene	0.563	0.620	0.553	0.578	0.516	0.509	AVRG	0.55625480	7.402	15.000

Average %RSD test result.

Calculate Average %RSD: 8.988927841
Maximum Average %RSD: 15.00000000

Note: Passes Average %RSD Test.

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GCMS-T Calibration Date(s): 03/29/07 03/29/07

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1444 1724

LAB FILE ID: RF1: T5024 RF5: T5023 RF20: T5022
RF50: T5021 RF100: T5020 RF200: T5019

COMPOUND	RF1	RF5	RF20	RF50	RF100	RF200	CURVE	COEFF. A1	%RSD OR R^2	MAX %RSD OR R^2
Toluene	0.696	0.716	0.655	0.742	0.706	0.691	AVRG	0.70103841	4.129	15.000
Benzene	1.036	1.112	1.006	1.143	1.107	1.100	AVRG	1.08395486	4.764	15.000
Ethylbenzene	1.688	1.760	1.645	1.757	1.773	1.697	AVRG	1.72004355	2.964	15.000
m+p-Xylenes	0.573	0.618	0.580	0.655	0.607	0.580	AVRG	0.60226059	5.190	15.000
o-Xylene	0.516	0.580	0.563	0.622	0.612	0.606	AVRG	0.58322980	6.769	15.000
Xylenes (total)							AVRG			0.000
Methyl tert-butyl ether	1.212	1.295	1.382	1.440	1.381	1.355	AVRG	1.34426390	5.954	15.000
Dibromofluoromethane	0.529	0.581	0.539	0.578	0.580	0.581	AVRG	0.56467905	4.215	15.000
1,2-Dichloroethane-D4	0.706	0.696	0.634	0.676	0.675	0.689	AVRG	0.67929099	3.732	15.000
Toluene-D8	0.878	1.000	0.874	0.976	0.954	0.898	AVRG	0.93008951	5.784	15.000
P-Bromofluorobenzene	0.466	0.436	0.390	0.413	0.424	0.414	AVRG	0.42377101	6.068	15.000

Average %RSD test result.

Calculate Average %RSD: 9.255220413
Maximum Average %RSD: 15.00000000

Note: Passes Average %RSD Test.

FORM VI VOA

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GCMS-F Calibration Date: 04/02/07 Time: 1005

Lab File ID: F5121 Init. Calib. Date(s): 03/23/07 03/23/07

Init. Calib. Times: 1353 1701

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE	
Toluene	0.9560000	0.9012100	0.01	-5.73	20.00	AVRG	
Benzene	1.5510000	1.5281000	0.01	-1.48		AVRG	
Ethylbenzene	2.4010000	2.2048000	0.01	-8.17	20.00	AVRG	
m+p-Xylenes	0.8290000	0.7557500	0.01	-8.84		AVRG	
o-Xylene	0.7940000	0.7333200	0.01	-7.64		AVRG	
Xylenes (total)	0.0000000	0.7482800	0.01	0.00		AVRG	<-
Methyl tert-butyl ether	1.8560000	1.6856000	0.01	-9.18		AVRG	
Dibromofluoromethane	0.8590000	0.6556900	0.01	-23.67		AVRG	
1,2-Dichloroethane-D4	0.9700000	0.6718100	0.01	-30.74		AVRG	
Toluene-D8	1.3510000	1.1226000	0.01	-16.91		AVRG	
P-Bromofluorobenzene	0.5720000	0.5151200	0.01	-9.94		AVRG	

FORM VII VOA

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GCMS-F Calibration Date: 04/04/07 Time: 1041

Lab File ID: F5151 Init. Calib. Date(s): 04/03/07 04/03/07

Init. Calib. Times: 1523 1830

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE	
Toluene	0.9360000	0.9607500	0.01	2.64	20.00	AVRG	
Benzene	1.5420000	1.6113000	0.01	4.49		AVRG	
Ethylbenzene	2.3010000	2.3596000	0.01	2.55	20.00	AVRG	
m+p-Xylenes	0.7430000	0.7513800	0.01	1.13		AVRG	
o-Xylene	0.7400000	0.8050100	0.01	8.78		AVRG	
Xylenes (total)	0.0000000	0.7692600	0.01	0.00		AVRG	<-
Methyl tert-butyl ether	1.5520000	1.9376000	0.01	24.84		AVRG	
Dibromofluoromethane	0.7440000	0.6716200	0.01	-9.73		AVRG	
1,2-Dichloroethane-D4	0.8560000	0.7058700	0.01	-17.54		AVRG	
Toluene-D8	1.3380000	1.1227000	0.01	-16.09		AVRG	
P-Bromofluorobenzene	0.5560000	0.5856800	0.01	5.34		AVRG	

FORM VII VOA

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GCMS-T Calibration Date: 04/04/07 Time: 1001

Lab File ID: T5091 Init. Calib. Date(s): 03/29/07 03/29/07

Init. Calib. Times: 1444 1724

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE	
Toluene	0.7010000	0.7364200	0.01	5.05	20.00	AVRG	
Benzene	1.0840000	1.0818000	0.01	-0.20		AVRG	
Ethylbenzene	1.7200000	1.8358000	0.01	6.73	20.00	AVRG	
m+p-Xylenes	0.6020000	0.6245800	0.01	3.75		AVRG	
o-Xylene	0.5830000	0.6007000	0.01	3.04		AVRG	
Xylenes (total)	0.0000000	0.6166200	0.01	0.00		AVRG	<-
Methyl tert-butyl ether	1.3440000	1.2615000	0.01	-6.14		AVRG	
Dibromofluoromethane	0.5650000	0.5072400	0.01	-10.22		AVRG	
1,2-Dichloroethane-D4	0.6790000	0.6252500	0.01	-7.92		AVRG	
Toluene-D8	0.9300000	0.9063600	0.01	-2.54		AVRG	
P-Bromofluorobenzene	0.4240000	0.4128000	0.01	-2.64		AVRG	

FORM VII VOA

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GCMS-T Calibration Date: 04/05/07 Time: 1029

Lab File ID: T5114 Init. Calib. Date(s): 03/29/07 03/29/07

Init. Calib. Times: 1444 1724

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE	
Toluene	0.7010000	0.7516500	0.01	7.22	20.00	AVRG	
Benzene	1.0840000	1.1070000	0.01	2.12		AVRG	
Ethylbenzene	1.7200000	1.9214000	0.01	11.71	20.00	AVRG	
m+p-Xylenes	0.6020000	0.6594900	0.01	9.55		AVRG	
o-Xylene	0.5830000	0.6335100	0.01	8.66		AVRG	
Xylenes (total)	0.0000000	0.6508300	0.01	0.00		AVRG	<-
Methyl tert-butyl ether	1.3440000	1.2572000	0.01	-6.46		AVRG	
Dibromofluoromethane	0.5650000	0.4979600	0.01	-11.86		AVRG	
1,2-Dichloroethane-D4	0.6790000	0.6163600	0.01	-9.22		AVRG	
Toluene-D8	0.9300000	0.9057100	0.01	-2.61		AVRG	
P-Bromofluorobenzene	0.4240000	0.4290000	0.01	1.18		AVRG	

FORM VII VOA

Logbooks and Supporting Documents

KATAHDIN ANALYTICAL SERVICES
GCMS-F INSTRUMENT RUNLOG

DATE/TIME OF BFB INJECTION: 032307
Reviewed by/Date: E3 SKT 032307

SAMPLE NAME	DATAFILE	DF	ALS #	METHOD	Y/N	MS/MSD	PH	ANALYST	COMMENTS
50NG BFB	FB627	—	—	BFB288 ~~AQ~~SL	Y	NA	NA	SKT	
RINSE	F5022	1	10	F826526					
↓	F5023	1	11						
VSTD200F23A	F5024	1	12						
VSTD100F23A	F5025	1	13						
VSTD050F23A	F5026	1	14						
VSTD020F23A	F5027	1	15						Curve
VSTD010F23A	F5028	1	16						Good
VSTD005F23A	F5029	1	17						
VSTD200F23B	F5030	1	18						
VSTD100F23B	F5031	1	19						
VSTD050F23B	F5032	1	20						
VSTD020F23B	F5033	1	21						
VSTD010F23B	F5034	1	22						
VSTD005F23B	F5035	1	23						
LCSA	F5036	1	24						
RINSE	F5037	1	25						

SKT
032607

STANDARD	CODE
BFB	V1254
CAL. STD.	V1274
LCS/MS MIX	
EXTRAS MIX	V1275

STANDARD	CODE
IS MIX	V1261
SS MIX	V1262

Circle Methods:

SW846 8260	OLM 04.2
EPA 624	OLM 03.1
EPA 524	OLC 02.1
SIM	OLC 03.2

KATAHDIN ANALYTICAL SERVICES
GCMS-F INSTRUMENT RUNLOG

DATE/TIME OF BFB INJECTION: 040207 09:36
Reviewed by/Date:

SAMPLE NAME	DATAFILE	DF	ALS #	METHOD	Y/N	MS/MSD	PH	ANALYST	COMMENTS
50 NG BFB	FB633	—	—	BFB288SL	Y	—	NA	SKT	
VSTD050F02A	F5121	1	10	F8265.26	Y	—			
LCSA WG37509-1	F5122	1	11		Y	—			
VBLKA	F5123	1	12		N	—			
VBLKB WG37509-2	F5124	1	13		Y	—			
SA1351-22RA B	F5125	1	14		Y	60			Added 5 mL H2O 4↓IS Matrix affect Narrat
SA1374-1 B	F5126	1	15		Y	61			
-2 B	F5127	1	16		Y	62			
-3 B	F5128	1	17		Y	63			
-4 B	F5129	1	18		Y	64			
-5 B	F5130	1	19		N	65			Nasty Matrix 4↓IS RR LL + Med
-6 B	F5131	1	20		Y	66	~~22~~ 5		
-7 B	F5132	1	21		N	67	~~22~~ SKT 040307		1↓SS RR LL
-8 B	F5133	1	22		Y	68	~~22~~		
SA1351-17RA B	F5134	1	23		N	69	~~22~~		1↓IS 1↓SS 1↑SS RR LL + Med
RINSE	F5135	1	24						
↓	F5136	1	25					↓	
	F5137	1	26						
↓	F5138	1	27					↓	
									SKT 040307

STANDARD	CODE
BFB	V1254
CAL. STD.	V1279
LCS/MS MIX	
EXTRAS MIX	V1276

STANDARD	CODE
IS MIX	V1261
SS MIX	V1262

Circle Methods:

SW846 8260	OLM 04.2
EPA 624	OLM 03.1
EPA 524	OLC 02.1
SIM	OLC 03.2

QAMS337

Katahdin Analytical Services 1000069

00000078

KATAHDIN ANALYTICAL SERVICES
GCMS-F INSTRUMENT RUNLOG

DATE/TIME OF BFB INJECTION: 040307
Reviewed by/Date:

SAMPLE NAME	DATAFILE	DF	ALS #	METHOD	Y/N	MS/MSD	PH	ANALYST	COMMENTS
50 NG BFB	FB634	—	—	BFB2885L	Y	—	NA	SKT	
VSTD050F03A	F5139	1	10	F826526	N	—			1,1 DCE ↓
VSTD050F03B	F5140	1	11		N	—			Ethylbenzene ↓
VSTD050F03C	F5141	1	12		N	—			New Cal *
VSTD200F03A *	F5142	1	13	F826527	Y	NA	NA		
VSTD100F03A *	F5143	1	14		Y				
VSTD050F03D *	F5144	1	15		Y				
VSTD020F03A *	F5145	1	16		Y				
VSTD010F03A *	F5146	1	17		Y				Curve
VSTD005F03A *	F5147	1	18		Y				OK
LCSA	F5148	1	19		Y				
RINSE	F5149	1	20		Y				No SS
↓	F5150	1	21						

STANDARD	CODE
BFB	V1254
CAL. STD.	V1279 / V1286
LCS/MS MIX	V1275
ERAS MIX	V1276

STANDARD	CODE
IS MIX	V1261
SS MIX	V1262

SKT
040407

Circle Methods:

~~SW846 8260~~
EPA 624
EPA 524
SIM

OLM 04.2
OLM 03.1
OLC 02.1
OLC 03.2

KATAHDIN ANALYTICAL SERVICES
GCMS-F INSTRUMENT RUNLOG

DATE/TIME OF BFB INJECTION: 040407
Reviewed by/Date:

SAMPLE NAME	DATAFILE	DF	ALS #	METHOD	Y/N	MS/MSD	PH	ANALYST	COMMENTS
50 NG BFB	FB635	—	—	BFB 2885L	Y	—	NA	SKT	
VST0050F04A	F5151	1	10	F826527	Y	—			
LCSA WG37601-1	F5152	1	11		Y	—			
VBLKA	F5153	1	12		N	—			
VBLKB WG37601-2	F5154	1	13		Y	—			
SA1374-7RA C	F5155	1	14		Y	—			
-5RA C	F5156	1	15		Y	—			3d15 2↓55 2↑55 RRMod Motor x
RINSE	F5157	1	16		—	—	—		
	F5158	1	17		—	—	—		
	F5159	1	18		—	—	—		
	F5160	1	19		—	—	—		
									SKT 040507

STANDARD	CODE
BFB	V1254
CAL. STD.	V1286
LCS/MS MIX	V1303
EXTRAS MIX	V1275

STANDARD	CODE
IS MIX	V1261
SS MIX	V1262

Circle Methods:

8W846 8260	OLM 04.2
EPA 624	OLM 03.1
EPA 524	OLC 02.1
SIM	OLC 03.2

QAMS337

Katahdin Analytical Services

000071

GCMS-T

KATAHDIN ANALYTICAL SERVICES
GCMS-T INSTRUMENT RUNLOG

DATE/TIME OF BFB INJECTION: 3/29/07 B
Reviewed by/Date: EKC 3-30-07

SAMPLE NAME	DATAFILE	DF	ALS #	METHOD	Y/N	MS/MSD	PH	ANALYST	COMMENTS
SO NG BFB	TB302	—	—	BFB288AQ	Y	N/A	N/A	DMF	
VSTD200T29A	TS019	1	1	TS26A41	Y				
VSTD100T29A	TS020	1	2		Y				
VSTD050T29A	TS021	1	3		Y				curve good
VSTD020T29A	TS022	1	4		Y				
VSTD005T29A	TS023	1	5		Y				
VSTD001T29A	TS024	1	6		Y				
VSTD200T29B	TS025	1	7		Y				
VSTD100T29B	TS026	1	8		Y				
VSTD050T29B	TS027	1	9		Y				
VSTD020T29B	TS028	1	10		Y				
VSTD005T29B	TS029	1	11		Y				
VSTD001T29B	TS030	1	12		Y				
RINSE	TS031	1	13		Y				
LCS	TS032	1	14		Y				
RINSE	TS033	1	15		Y				
RINSE	TS034	1	16		Y				
EXTRACT 3/28	TS035	1	17		Y				
VOA 3/28	TS036	1	18		Y				
RINSE	TS037	1	19		Y				
RINSE	TS038	1	20		Y				
EXTRACT 3/29	TS039	1	21		Y				
VOA 3/29	TS040	1	22		Y				
RINSE	TS041	1	23		Y				
RINSE	TS042	1	24		Y				
RINSE	TS043	1	25		Y				
RINSE	TS044	1	26		Y				
RINSE	TS045	1	27		Y				

STANDARD	CODE
BFB	V1254
CAL. STD.	V1286
LCS/MS MIX	V1276
EXTRAS MIX	V1275

STANDARD	CODE
IS MIX	V1287
SS MIX	V1288

Circle Methods:

SW846 8260
EPA 624
EPA 524
SIM

OLM 04.2
OLM 03.1
OLC 02.1
OLC 03.2

QAMS341

Katahdin Analytical Services 0000020072

KATAHDIN ANALYTICAL SERVICES
GCMS-T INSTRUMENT RUNLOG

DATE/TIME OF BFB INJECTION: 4-4-07 9:34
Reviewed by/Date:

SAMPLE NAME	DATAFILE	DF	ALS #	METHOD	Y/N	MS/MSD	PH	ANALYST	COMMENTS
50 NG BFB	TB305	–	–	BFB288AQ	Y	NA	NA	EKC	
VSTD050T04A	T5091	1	1	T826A41	Y				
LCSA WG37599-1	T5092	1	2		Y				
VBLKA	T5093	1	3		N				
VBLKB WG37599-2	T5094	1	4		Y				40 ul AF
TB040307 SA1443-1B	T5095	1	6		Y	1	<2		
TSGS-17-25 SA1443-2C	T5096	1	7		Y	2	<2		
TSGS-18-25 SA1454-1C	T5097	1	8		Y	3	<2		
TSGS-17-40 SA1443-3C	T5098	1	9		Y	4	<2		
TSGS-18-40 SA1454-2C	T5099	1	10		Y	5	<2		
TSGS-17-60 SA1443-4C	T5100	1	11		Y	6	<2		
TSGS-18-60 SA1454-3B	T5101	1	12		Y	7	<2		
RINSE	T5102	1	13						
	T5103	1	14						
	T5104	1	15						
SA1374-9 B	T5105	1	16		Y	8	<2		Small bubble in vial
SA1412-~~1~~5 A	T5106	1	17		Y	9	<2		
-~~2~~ 1 A	T5107	1	18		Y	10	<2		
EKC -~~3~~ 2 A	T5108	1	19		Y	11	<2		
4-4-07 -~~4~~ 3 A	T5109	1	20		Y	12	<2		
~~RINSE~~ 4 A	T5110	1	21		Y	13	<2		
RINSE	T5111	1	22						
	T5112	1	23						
	T5113	1	24						

EKC 4-5-07

STANDARD	CODE
BFB	V1254
CAL. STD.	V1286
LCS/MS MIX	V1276
EXTRAS MIX	V1275

STANDARD	CODE
IS MIX	V1287
SS MIX	V1288

Circle Methods:

SW846 8260	OLM 04.2
EPA 624	OLM 03.1
EPA 524	OLC 02.1
SIM	OLC 03.2

KATAHDIN ANALYTICAL SERVICES
GCMS-T INSTRUMENT RUNLOG

DATE/TIME OF BFB INJECTION: 4-5-07 10:02
Reviewed by/Date:

SAMPLE NAME	DATAFILE	DF	ALS #	METHOD	Y/N	MS/MSD	PH	ANALYST	COMMENTS
50 NG BFB	TB306	–	–	BFB288AQ	Y	NA	NA	EKC	
VSTD050T05A EKC 4-5-07	T5114	1	1	T8260A41	Y				
LCSA ~~WG37635-1~~	T5115	1	2		N				5 out
MeOH LCS WG37635-3	T5116	1	3		Y				
LCSB WG37635-1	T5117	1	4		Y				
VBLKA	T5118	1	5		N				
VBLK B WG37635-2	T5119	1	6		Y				
MeOH BLK WG37635-4	T5120	1	7		Y				
SA1431-2 A	T5121	1	8		Y	14	<2		
SA1436-4 A	T5122	1	9		Y	15	<2		
SA1286-1 A	T5123	1	10		Y	16	<2		
2 A	T5124	1	11		Y	17	<2		
SA1436-3 A	T5125	1	12		Y	18	<2		
SA1426-5 B	T5126	1	13		Y	19	<2		
SA1436-1 A	T5127	1	14		Y	20	<2		
SA1426-3 A	T5128	1	15		Y	21	<2		
4 A	T5129	1	16		Y	22	<2		
SA1431-1DL A	T5130	500	17		Y	23	7		80ul → 400ml EKC 4-5-07 RR 1:10
SA1351-12DL D	T5131	1	18		Y	24	NA		400ul → 20ml
17DL D	T5132	1	19		Y	25			↑ISS RR@ 400/2
SA1374-5DL D	T5133	1	20		Y	26			8ul → 20ml RR nonaqueous matrix DMF 4/6/07
RINSE	T5134	1	21						
	T5135	1	22						
	T5136	1	23						
	T5137	1	24						
	T5138	1	25						

EKC 4-6-07

STANDARD	CODE
BFB	V1254
CAL. STD.	V1286
LCS/MS MIX	V1276
EXTRAS MIX	V1275

STANDARD	CODE
IS MIX	V1287
SS MIX	V1288

Circle Methods:

SW846 8260	OLM 04.2
EPA 624	OLM 03.1
EPA 524	OLC 02.1
SIM	OLC 03.2

KATAHDIN ANALYTICAL SERVICES

Organics Vial Prep Log

Methods: SW8260 SW8015 ME DEP 4.2.17 MA DEP VPH

Date	Analyst	Vial Number	Vial + Preservative (g)	Vial + Preservative + Sample (g)	Sample Weight (g)	Preservative	Preservative Volume (mL)	Sample Name	Comments
2/12/07	TA	26360	30.64	38.14	7.50	DI / MEOH / NaHSO4	5 / 10	SA1351-2 A	
		26361	30.48			DI / MEOH / NaHSO4	5 / 10		
		26362	30.36			DI / MEOH / NaHSO4	5 / 10		
		26363	30.51			DI / MEOH / NaHSO4	5 / 10		
		26364	30.77	36.30	5.53	DI / MEOH / NaHSO4	5 / 10	SA1351-6 A	
		26365	30.46			DI / MEOH / NaHSO4	5 / 10		
		26366	30.83	36.24	5.41	DI / MEOH / NaHSO4	5 / 10	SA1351-7 A	
		26367	30.45			DI / MEOH / NaHSO4	5 / 10		
		26368	30.74			DI / MEOH / NaHSO4	5 / 10		
		26369	30.74	35.95	5.21	DI / MEOH / NaHSO4	5 / 10	SA1351-8 A	
		26370	30.88			DI / MEOH / NaHSO4	5 / 10		
		26371	30.43			DI / MEOH / NaHSO4	5 / 10		
		26372	30.36	35.63	5.27	DI / MEOH / NaHSO4	5 / 10	SA1351-9 B	
		26373	30.67			DI / MEOH / NaHSO4	5 / 10		
		26374	30.84			DI / MEOH / NaHSO4	5 / 10		
		26375	30.37			DI / MEOH / NaHSO4	5 / 10		
		26376	30.62	35.78	5.16	DI / MEOH / NaHSO4	5 / 10	SA1374-7 B	
		26377	30.60	35.39	4.79 ✓	DI / MEOH / NaHSO4	5 / 10	SA1374-5RA C	
		26378	30.71			DI / MEOH / NaHSO4	5 / 10		
2/12/07	TA	26379	30.64	35.31	4.67 ✓	DI / MEOH / NaHSO4	5 / 10	SA1374-1 B	

40 mL Vial Lot # 011907

Reviewed by: Mark Adams

Date: 2/12/07

DI Preservative = Deionized Water = Stirbar

NaHSO4 Preservative = 20% NaSO4 Solution = stirbar

KATAHDIN ANALYTICAL SERVICES

Organics Vial Prep Log

Methods: SW8260 SW8015 ME DEP 4.2.17 MA DEP VPH

Date	Analyst	Vial Number	Vial + Preservative (g)	Vial + Preservative + Sample (g)	Sample Weight (g)	Preservative	Preservative Volume (mL)	Sample Name	Comments
2/12/07	MA	26420	30.57			DI / MEOH / NaHSO4	5 / 10		
		26421	30.49	36.01	5.52	DI / MEOH / NaHSO4	5 / 10	SA1351-12AA C	
		26422	30.77			DI / MEOH / NaHSO4	5 / 10		
		26423	30.65			DI / MEOH / NaHSO4	5 / 10		
		26424	30.76	36.27	5.51 ✓	DI / MEOH / NaHSO4	5 / 10	SA1374-8 B	
		26425	30.59	35.44	4.85 ✓	DI / MEOH / NaHSO4	5 / 10	SA1374-6 B	
		26426	30.51	35.13	4.62 ✓	DI / MEOH / NaHSO4	5 / 10	SA1374-3 B	
		26427	30.60			DI / MEOH / NaHSO4	5 / 10		
		26428	30.49	36.02	5.57	DI / MEOH / NaHSO4	5 / 10	SA1351-22 A	Added 5mL H2O
		26429	30.86			DI / MEOH / NaHSO4	5 / 10		
		26430	30.50			DI / MEOH / NaHSO4	5 / 10		
		26431	30.65			DI / MEOH / NaHSO4	5 / 10		
		26432	30.58	34.76	4.18	DI / MEOH / NaHSO4	5 / 10	SA1351-15 A	
		26433	30.55			DI / MEOH / NaHSO4	5 / 10		
		26434	30.75			DI / MEOH / NaHSO4	5 / 10		
		26435	30.65			DI / MEOH / NaHSO4	5 / 10		
		26436	30.52			DI / MEOH / NaHSO4	5 / 10		
		26437	30.57			DI / MEOH / NaHSO4	5 / 10		
		26438	30.45			DI / MEOH / NaHSO4	5 / 10		
2/12/07	MA	26439	30.48	35.25	4.77 ✓	DI / MEOH / NaHSO4	5 / 10	SA1374-2 B	

40 mL Vial Lot # 011907

Reviewed by: Mike Adams

Date: 2/12/07

DI Preservative = Deionized Water = Stirbar

NaHSO4 Preservative = 20% NaSO4 Solution = stirbar

KATAHDIN ANALYTICAL SERVICES

Organics Vial Prep Log

Methods: SW8260 SW8015 ME DEP 4.2.17 MA DEP VPH

Date	Analyst	Vial Number	Vial + Preservative (g)	Vial + Preservative + Sample (g)	Sample Weight (g)	Preservative	Preservative Volume (mL)	Sample Name	Comments
2/12/07	MA	26400	30.53			DI / MEOH / NaHSO4	5 / 10		
		26401	30.48			DI / MEOH / NaHSO4	5 / 10		
		26402	30.48	35.84	5.36	DI / MEOH / NaHSO4	5 / 10	SA1374-4 B	
		26403	30.49			DI / MEOH / NaHSO4	5 / 10		
		26404	30.76			DI / MEOH / NaHSO4	5 / 10		
		26405	30.55	35.28	4.73	DI / MEOH / NaHSO4	5 / 10	SA1351-21 C	
		26406	30.67			DI / MEOH / NaHSO4	5 / 10		
		26407	30.55	35.38	4.83	DI / MEOH / NaHSO4	5 / 10	SA1351-17RA B	
		26408	30.49	36.21	5.72	DI / MEOH / NaHSO4	5 / 10	SA1351-14 A	
		26409	30.60			DI / MEOH / NaHSO4	5 / 10		
		26410	30.57			DI / MEOH / NaHSO4	5 / 10		
		26411	30.60			DI / MEOH / NaHSO4	5 / 10		
		26412	30.61			DI / MEOH / NaHSO4	5 / 10		
		26413	30.53			DI / MEOH / NaHSO4	5 / 10		
		26414	30.78			DI / MEOH / NaHSO4	5 / 10		
		26415	30.54			DI / MEOH / NaHSO4	5 / 10		
		26416	30.51	36.24	5.73	DI / MEOH / NaHSO4	5 / 10	SA1351-22RA B	Added 5mL H2O
		26417	30.53	36.18	5.65	DI / MEOH / NaHSO4	5 / 10	SA1351-20 D	
		26418	30.51			DI / MEOH / NaHSO4	5 / 10		
2/12/07	MA	26419	30.40			DI / MEOH / NaHSO4	5 / 10		

40 mL Vial Lot # 011907

Reviewed by: Nick Adams

Date: 2/12/07

DI Preservative = Deionized Water = Stirbar

NaHSO4 Preservative = 20% NaSO4 Solution = stirbar

KATAHDIN ANALYTICAL SERVICES

Organics Vial Prep Log

Methods: SW8260 SW8015 ME DEP 4.2.17 MA DEP VPH

Date	Analyst	Vial Number	Vial + Preservative (g)	Vial + Preservative + Sample (g)	Sample Weight (g)	Preservative	Preservative Volume (mL)	Sample Name	Comments
2/12/07	MA	26380	30.42	35.57	5.15	DI / MEOH / NaHSO4	5 / 10	SA1351-23 C	
		26381	30.55			DI / MEOH / NaHSO4	5 / 10		
		26382	30.56			DI / MEOH / NaHSO4	5 / 10		
		26383	30.44	35.09	4.65	DI / MEOH / NaHSO4	5 / 10	SA1351-17 C	
		26384	30.43			DI / MEOH / NaHSO4	5 / 10		
		26385	30.48			DI / MEOH / NaHSO4	5 / 10		
		26386	30.70			DI / MEOH / NaHSO4	5 / 10		
		26387	30.50			DI / MEOH / NaHSO4	5 / 10		
		26388	30.57	35.71	5.14 ✓	DI / MEOH / NaHSO4	5 / 10	SA1374-7RA C	
		26389	30.57	35.21	4.64 ✓	DI / MEOH / NaHSO4	5 / 10	SA1374-5 B	
		26390	30.34			DI / MEOH / NaHSO4	5 / 10		
		26391	30.54			DI / MEOH / NaHSO4	5 / 10		
		26392	30.49			DI / MEOH / NaHSO4	5 / 10		
		26393	30.54			DI / MEOH / NaHSO4	5 / 10		
		26394	30.59	35.31	4.72	DI / MEOH / NaHSO4	5 / 10	SA1351-19 C	
		26395	30.63			DI / MEOH / NaHSO4	5 / 10		
		26396	30.42			DI / MEOH / NaHSO4	5 / 10		
		26397	30.63			DI / MEOH / NaHSO4	5 / 10		
		26398	30.59			DI / MEOH / NaHSO4	5 / 10		
2/12/07	MA	26399	30.65			DI / MEOH / NaHSO4	5 / 10		

40 mL Vial Lot # 011907

Reviewed by: Mike Adams

Date: 2/12/07

DI Preservative = Deionized Water = Stirbar

NaHSO4 Preservative = 20% NaSO4 Solution = stirbar

KATAHDIN ANALYTICAL SERVICES

Organics Vial Prep Log

Methods: SW8260 SW8015 ME DEP 4.2.17 MA DEP VPH

Date	Analyst	Vial Number	Vial + Preservative (g)	Vial + Preservative + Sample (g)	Sample Weight (g)	Preservative	Preservative Volume (mL)	Sample Name	Comments
2/12/07	MA	26320	29.26			DI / MEOH / NaHSO4	5 / 10		
		26321	29.38			DI / MEOH / NaHSO4	5 / 10		
		26322	29.38			DI / MEOH / NaHSO4	5 / 10		
		26323	29.52			DI / MEOH / NaHSO4	5 / 10		
		26324	29.29			DI / MEOH / NaHSO4	5 / 10		
		26325	29.34			DI / MEOH / NaHSO4	5 / 10		
		26326	29.44	33.96	4.52	DI / MEOH / NaHSO4	5 / 10	SA1374-5A	MEOH
		26327	29.26			DI / MEOH / NaHSO4	5 / 10		
		26328	29.35			DI / MEOH / NaHSO4	5 / 10		
		26329	29.46	34.70	5.24	DI / MEOH / NaHSO4	5 / 10	SA1351-12D	MEOH
		26330	29.46			DI / MEOH / NaHSO4	5 / 10		
		26331	29.15			DI / MEOH / NaHSO4	5 / 10		
		26332	29.30			DI / MEOH / NaHSO4	5 / 10		
		26333	28.98			DI / MEOH / NaHSO4	5 / 10		
		26334	29.26			DI / MEOH / NaHSO4	5 / 10		
		26335	29.06			DI / MEOH / NaHSO4	5 / 10		
		26336	29.40			DI / MEOH / NaHSO4	5 / 10		
		26337	29.89			DI / MEOH / NaHSO4	5 / 10		
		26338	30.05			DI / MEOH / NaHSO4	5 / 10		
2/12/07	MA	26339	30.63			DI / MEOH / NaHSO4	5 / 10		

mL Vial Lot # 011907

Reviewed by: [signature]

Date: 2/12/07

DI Preservative = Deionized Water = Stirbar

NaHSO4 Preservative = 20% NaSO4 Solution = stirbar

Katahdin Analytical Services 1000079

SIM DATA

QC Summary Section

FORM 2
SOIL SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Level:(low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	WG37524-BLANK	WG37524-1	79	80	85						0
02	WG37524-LCS	WG37524-2	72	73	74						0
03	WG37560-BLANK	WG37560-1	84	87	91						0
04	JAX25-SB104-03	SA1374-1	68	72	80						0
05	JAX25-SB108-03	SA1374-6	79	79	80						0
06	JAX25-SB109-03	SA1374-7	69	73	74						0
07	JAX25-SB107-03	SA1374-4	75	76	81						0
08	JAX25-SB106-03	SA1374-3	72	76	65						0
09	JAX25-SB110-03	SA1374-8	71	75	68						0
10	JAX25-SB105-01	SA1374-2	92	86	87						0
11	JAX25-SB80-03	SA1374-5DL	D	D	D						0
12	JAX25-SB80-03	SA1374-5DL2	D	D	D						0
13	WG37560-LCS	WG37560-2	82	82	87						0
14	WG37560-LCSD	WG37560-3	84	88	82						0
15	JAX25-SB105-01	SA1374-2DL	78	79	70						0
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											

		QC LIMITS
S1	= 2-Methylnaphthalene-d1	(27-128)
S2	= Fluorene-d10	(34-140)
S3	= Pyrene-d10	(20-174)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG37524-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: R3766 Lab Sample ID: WG37524-1

Instrument ID: GCMS-R Date Extracted: 04/03/07

Matrix: (soil/water) SOIL Date Analyzed: 04/07/07

Level:(low/med) LOW Time Analyzed: 1122

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG37524-LCS	WG37524-2	R3767	04/07/07	1204
02	JAX25-SB104-03	SA1374-1	R3805	04/10/07	1615
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV SV

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG37560-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: R3798 Lab Sample ID: WG37560-1

Instrument ID: GCMS-R Date Extracted: 04/04/07

Matrix: (soil/water) SOIL Date Analyzed: 04/10/07

Level:(low/med) LOW Time Analyzed: 1113

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	JAX25-SB108-03	SA1374-6	R3806	04/10/07	1658
02	JAX25-SB109-03	SA1374-7	R3807	04/10/07	1740
03	JAX25-SB107-03	SA1374-4	R3808	04/10/07	1824
04	JAX25-SB106-03	SA1374-3	R3810	04/10/07	1952
05	JAX25-SB110-03	SA1374-8	R3811	04/10/07	2036
06	JAX25-SB105-01	SA1374-2	R3812	04/10/07	2120
07	JAX25-SB80-03	SA1374-5DL	R3814	04/11/07	1039
08	JAX25-SB80-03	SA1374-5DL2	R3815	04/11/07	1123
09	WG37560-LCS	WG37560-2	R3817	04/11/07	1248
10	WG37560-LCSD	WG37560-3	R3818	04/11/07	1331
11	JAX25-SB105-01	SA1374-2DL	R3835	04/12/07	1356
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV SV

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 04/03/07
Analysis Date: 07-APR-2007 11:22
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 100

Lab ID: WG37524-1
Client ID: WG37524-Blank
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	20	3
91-57-6	2-Methylnaphthalene	U	7	1.0	20	20	7
90-12-0	1-Methylnaphthalene	U	9	1.0	20	20	9
208-96-8	Acenaphthylene	U	2	1.0	20	20	2
83-32-9	Acenaphthene	U	6	1.0	20	20	6
86-73-7	Fluorene	U	3	1.0	20	20	3
85-01-8	Phenanthrene	U	3	1.0	20	20	3
120-12-7	Anthracene	U	4	1.0	20	20	4
206-44-0	Fluoranthene	U	4	1.0	20	20	4
129-00-0	Pyrene	U	3	1.0	20	20	3
56-55-3	Benzo(a)anthracene	U	3	1.0	20	20	3
218-01-9	Chrysene	U	3	1.0	20	20	3
205-99-2	Benzo(b)fluoranthene	U	3	1.0	20	20	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	20	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	20	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	4	1.0	20	20	4
191-24-2	Benzo(g,h,i)perylene	U	3	1.0	20	20	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	20	4
7297-45-2	2-Methylnaphthalene-d10		79%				
81103-79-9	Fluorene-d10		80%				
1718-52-1	Pyrene-d10		85%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 04/04/07
Analysis Date: 10-APR-2007 11:13
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 100

Lab ID: WG37560-1
Client ID: WG37560-Blank
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37560
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	20	3
91-57-6	2-Methylnaphthalene	U	7	1.0	20	20	7
90-12-0	1-Methylnaphthalene	U	9	1.0	20	20	9
208-96-8	Acenaphthylene	U	2	1.0	20	20	2
83-32-9	Acenaphthene	U	6	1.0	20	20	6
86-73-7	Fluorene	U	3	1.0	20	20	3
85-01-8	Phenanthrene	U	3	1.0	20	20	3
120-12-7	Anthracene	U	4	1.0	20	20	4
206-44-0	Fluoranthene	U	4	1.0	20	20	4
129-00-0	Pyrene	U	3	1.0	20	20	3
56-55-3	Benzo(a)anthracene	U	3	1.0	20	20	3
218-01-9	Chrysene	U	3	1.0	20	20	3
205-99-2	Benzo(b)fluoranthene	U	3	1.0	20	20	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	20	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	20	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	4	1.0	20	20	4
191-24-2	Benzo(g,h,i)perylene	U	3	1.0	20	20	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	20	4
7297-45-2	2-Methylnaphthalene-d10		84%				
81103-79-9	Fluorene-d10		87%				
1718-52-1	Pyrene-d10		91%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 04/03/07
Analysis Date: 04/07/07
Report Date: 04/12/2007
Matrix: SOIL

Lab ID: WG37524-2
Client ID: WG37524-LCS
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Naphthalene	67	NA	46	68	34-106
2-Methylnaphthalene	67	NA	50	75	30-148
1-Methylnaphthalene	67	NA	39	58	30-150
Acenaphthylene	67	NA	46	69	51-114
Acenaphthene	67	NA	44	67	47-108
Fluorene	67	NA	45	68	53-119
Phenanthrene	67	NA	51	76	53-130
Anthracene	67	NA	47	71	53-121
Fluoranthene	67	NA	60	91	51-139
Pyrene	67	NA	49	73	31-124
Benzo(a)anthracene	67	NA	61	91	42-143
Chrysene	67	NA	51	77	36-126
Benzo(b)fluoranthene	67	NA	52	78	36-148
Benzo(k)fluoranthene	67	NA	49	74	33-139
Benzo(a)pyrene	67	NA	50	74	44-130
Indeno(1,2,3-cd)pyrene	67	NA	64	96	23-142
Benzo(g,h,i)perylene	67	NA	46	70	30-119
Dibenzo(a,h)anthracene	67	NA	50	75	22-133

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 04/04/07
Analysis Date: 04/11/07
Report Date: 04/12/2007
Matrix: SOIL

Lab ID: WG37560-2 & WG37560-3
Client ID: WG37560-LCS & WG37560-LCSD
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37560
Units: ug/Kgdrywt

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Naphthalene	67	67	NA	50	54	75	81	7	30	34-106
2-Methylnaphthalene	67	67	NA	58	62	87	93	7	30	30-148
1-Methylnaphthalene	67	67	NA	42	45	64	68	6	30	30-150
Acenaphthylene	67	67	NA	50	55	75	82	9	30	51-114
Acenaphthene	67	67	NA	49	54	74	81	9	30	47-108
Fluorene	67	67	NA	48	54	72	80	11	30	53-119
Hexachlorobenzene	67	67	NA	73	75	110	113	3	30	30-150
Phenanthrene	67	67	NA	50	56	75	83	10	30	53-130
Anthracene	67	67	NA	48	54	72	82	12	30	53-121
Fluoranthene	67	67	NA	51	58	76	87	13	30	51-139
Pyrene	67	67	NA	56	55	84	82	3	30	31-124
Benzo(a)anthracene	67	67	NA	58	63	88	94	7	30	42-143
Chrysene	67	67	NA	50	53	75	80	6	30	36-126
Benzo(b)fluoranthene	67	67	NA	50	54	74	80	8	30	36-148
Benzo(k)fluoranthene	67	67	NA	47	50	71	74	5	30	33-139
Benzo(a)pyrene	67	67	NA	50	54	74	81	8	30	44-130
Indeno(1,2,3-cd)pyrene	67	67	NA	63	70	94	104	10	30	23-142
Benzo(g,h,i)perylene	67	67	NA	52	58	77	86	11	30	30-119
Dibenzo(a,h)anthracene	67	67	NA	55	58	83	88	6	30	22-133

FORM III SV-2

R3817.D & R3818.D

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: RD290 DFTPP Injection Date: 04/06/07

Instrument ID: GCMS-R DFTPP Injection Time: 1130

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	33.6
68	Less than 2.0% of mass 69	0.5 (1.3)1
69	Less than 100.0% of mass 198	35.9
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	52.0
197	Less than 1.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 30.0% of mass 198	21.1
365	1.0 - 100.0% of mass 198	2.7
441	0.0 - 100.0% of mass 443	10.8 (73.9)2
442	40.0 - 100.0% of mass 198	74.7
443	17.0 - 23.0% of mass 442	14.6 (19.6)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00R0406	R3748	04/06/07	1149
02		SSTD5.00R0406	R3749	04/06/07	1238
03		SSTD0.50R0406	R3752	04/06/07	1446
04		SSTD0.20R0406	R3753	04/06/07	1528
05		SSTD3.00R0406	R3754	04/06/07	1611
06		SSTD2.00R0406	R3755	04/06/07	1653
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: RD291 DFTPP Injection Date: 04/07/07

Instrument ID: GCMS-R DFTPP Injection Time: 1022

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	33.4
68	Less than 2.0% of mass 69	0.5 (1.4)1
69	Less than 100.0% of mass 198	36.2
70	Less than 2.0% of mass 69	0.2 (0.6)1
127	40.0 - 60.0% of mass 198	52.0
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	21.4
365	1.0 - 100.0% of mass 198	2.9
441	0.0 - 100.0% of mass 443	11.4 (73.5)2
442	40.0 - 100.0% of mass 198	79.8
443	17.0 - 23.0% of mass 442	15.6 (19.5)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00R0407	R3765	04/07/07	1040
02	WG37524-BLANK	WG37524-1	R3766	04/07/07	1122
03	WG37524-LCS	WG37524-2	R3767	04/07/07	1204
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: RD293 DFTPP Injection Date: 04/10/07

Instrument ID: GCMS-R DFTPP Injection Time: 1012

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	30.3
68	Less than 2.0% of mass 69	0.5 (1.4)1
69	Less than 100.0% of mass 198	33.0
70	Less than 2.0% of mass 69	0.1 (0.4)1
127	40.0 - 60.0% of mass 198	49.1
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.0
275	10.0 - 30.0% of mass 198	22.9
365	1.0 - 100.0% of mass 198	3.1
441	0.0 - 100.0% of mass 443	12.4 (73.2)2
442	40.0 - 100.0% of mass 198	86.9
443	17.0 - 23.0% of mass 442	16.9 (19.5)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00R0410	R3797	04/10/07	1031
02	WG37560-BLANK	WG37560-1	R3798	04/10/07	1113
03	JAX25-SB104-03	SA1374-1	R3805	04/10/07	1615
04	JAX25-SB108-03	SA1374-6	R3806	04/10/07	1658
05	JAX25-SB109-03	SA1374-7	R3807	04/10/07	1740
06	JAX25-SB107-03	SA1374-4	R3808	04/10/07	1824
07	JAX25-SB106-03	SA1374-3	R3810	04/10/07	1952
08	JAX25-SB110-03	SA1374-8	R3811	04/10/07	2036
09	JAX25-SB105-01	SA1374-2	R3812	04/10/07	2120
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: RD294 DFTPP Injection Date: 04/11/07

Instrument ID: GCMS-R DFTPP Injection Time: 0936

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	31.0
68	Less than 2.0% of mass 69	0.5 (1.5)1
69	Less than 100.0% of mass 198	34.2
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	51.4
197	Less than 1.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	22.5
365	1.0 - 100.0% of mass 198	3.1
441	0.0 - 100.0% of mass 443	13.3 (76.9)2
442	40.0 - 100.0% of mass 198	91.8
443	17.0 - 23.0% of mass 442	17.3 (18.9)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00R0411	R3813	04/11/07	0957
02	JAX25-SB80-03	SA1374-5DL	R3814	04/11/07	1039
03	JAX25-SB80-03	SA1374-5DL2	R3815	04/11/07	1123
04	WG37560-LCS	WG37560-2	R3817	04/11/07	1248
05	WG37560-LCSD	WG37560-3	R3818	04/11/07	1331
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: RD295 DFTPP Injection Date: 04/12/07

Instrument ID: GCMS-R DFTPP Injection Time: 1005

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	30.3
68	Less than 2.0% of mass 69	0.5 (1.6)1
69	Less than 100.0% of mass 198	33.5
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	49.9
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	22.5
365	1.0 - 100.0% of mass 198	3.0
441	0.0 - 100.0% of mass 443	12.6 (75.1)2
442	40.0 - 100.0% of mass 198	87.8
443	17.0 - 23.0% of mass 442	16.8 (19.1)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00R0412	R3830	04/12/07	1024
02	JAX25-SB105-01	SA1374-2DL	R3835	04/12/07	1356
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID (Standard): R3765 Date Analyzed: 04/07/07

Instrument ID: GCMS-R Time Analyzed: 1040

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD		20441	8.86	78252	11.71	37671	15.90
UPPER LIMIT		40882	9.36	156504	12.21	75342	16.40
LOWER LIMIT		10221	8.36	39126	11.21	18836	15.40
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	WG37524-BLANK	WG37524-1	25142	8.88	100163	11.73	51990	15.90
02	WG37524-LCS	WG37524-2	27234	8.87	105636	11.71	55063	15.90
03								
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID (Standard): R3765 Date Analyzed: 04/07/07

Instrument ID: GCMS-R Time Analyzed: 1040

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD		52411	19.47	43059	25.90	25166	29.09
UPPER LIMIT		104822	19.97	86118	26.40	50332	29.59
LOWER LIMIT		26206	18.97	21530	25.40	12583	28.59
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG37524-BLANK	WG37524-1	72710	19.49	56541	25.90	38232	29.10
02 WG37524-LCS	WG37524-2	78142	19.47	61104	25.89	41392	29.09
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID (Standard): R3797 Date Analyzed: 04/10/07

Instrument ID: GCMS-R Time Analyzed: 1031

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD		14570	8.85	60736	11.71	32123	15.90
UPPER LIMIT		29140	9.35	121472	12.21	64246	16.40
LOWER LIMIT		7285	8.35	30368	11.21	16062	15.40
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG37560-BLANK	WG37560-1	16892	8.86	67479	11.71	35287	15.90
02 JAX25-SB104-03	SA1374-1	14180	8.86	56467	11.71	28891	15.90
03 JAX25-SB108-03	SA1374-6	16854	8.86	68269	11.71	35732	15.90
04 JAX25-SB109-03	SA1374-7	18627	8.86	75334	11.71	39420	15.90
05 JAX25-SB107-03	SA1374-4	16685	8.86	66509	11.71	34400	15.90
06 JAX25-SB106-03	SA1374-3	16357	8.86	65137	11.71	34539	15.90
07 JAX25-SB110-03	SA1374-8	17312	8.86	68596	11.71	37148	15.90
08 JAX25-SB105-01	SA1374-2	17206	8.86	71636	11.71	43853	15.90
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID (Standard): R3797 Date Analyzed: 04/10/07

Instrument ID: GCMS-R Time Analyzed: 1031

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD		44306	19.47	28189	25.89	21748	29.09
UPPER LIMIT		88612	19.97	56378	26.39	43496	29.59
LOWER LIMIT		22153	18.97	14095	25.39	10874	28.59
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	WG37560-BLANK	WG37560-1	47893	19.47	31146	25.90	24532	29.09
02	JAX25-SB104-03	SA1374-1	42133	19.49	25262	25.90	20215	29.09
03	JAX25-SB108-03	SA1374-6	48445	19.47	34277	25.89	29213	29.09
04	JAX25-SB109-03	SA1374-7	54014	19.47	37756	25.89	30037	29.09
05	JAX25-SB107-03	SA1374-4	48159	19.49	28668	25.89	23449	29.09
06	JAX25-SB106-03	SA1374-3	49491	19.49	39943	25.89	33223	29.09
07	JAX25-SB110-03	SA1374-8	53061	19.49	40615	25.89	33928	29.09
08	JAX25-SB105-01	SA1374-2	65136	19.47	41265	25.90	24396	29.12
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID (Standard): R3813 Date Analyzed: 04/11/07

Instrument ID: GCMS-R Time Analyzed: 0957

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	16280	8.84	66701	11.69	34394	15.88
UPPER LIMIT	32560	9.34	133402	12.19	68788	16.38
LOWER LIMIT	8140	8.34	33351	11.19	17197	15.38

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	JAX25-SB80-03	SA1374-5DL	26113	8.85	75764	11.72	37721	15.92
02	JAX25-SB80-03	SA1374-5DL2	14675	8.84	68211	11.69	38656	15.88
03	WG37560-LCS	WG37560-2	17917	8.85	71862	11.70	38348	15.88
04	WG37560-LCSD	WG37560-3	18366	8.85	73786	11.70	38517	15.88
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID (Standard): R3813 Date Analyzed: 04/11/07

Instrument ID: GCMS-R Time Analyzed: 0957

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	44438	19.47	21968	25.89	14959	29.08
UPPER LIMIT	88876	19.97	43936	26.39	29918	29.58
LOWER LIMIT	22219	18.97	10984	25.39	7480	28.58

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	JAX25-SB80-03	SA1374-5DL	52402	19.46	31788	25.89	23023	29.08
02	JAX25-SB80-03	SA1374-5DL2	49792	19.49	24470	25.90	17367	29.09
03	WG37560-LCS	WG37560-2	53139	19.47	29532	25.89	19342	29.09
04	WG37560-LCSD	WG37560-3	54091	19.47	35629	25.89	25204	29.08
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID (Standard): R3830 Date Analyzed: 04/12/07

Instrument ID: GCMS-R Time Analyzed: 1024

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	14682	8.84	57831	11.70	29522	15.88
UPPER LIMIT	29364	9.34	115662	12.20	59044	16.38
LOWER LIMIT	7341	8.34	28916	11.20	14761	15.38

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	JAX25-SB105-01	SA1374-2DL	17672	8.84	73592	11.69	40641	15.88
02								
03								
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID (Standard): R3830 Date Analyzed: 04/12/07

Instrument ID: GCMS-R Time Analyzed: 1024

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	38416	19.47	30955	25.87	23323	29.08
UPPER LIMIT	76832	19.97	61910	26.37	46646	29.58
LOWER LIMIT	19208	18.97	15478	25.37	11662	28.58

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	JAX25-SB105-01	SA1374-2DL	58474	19.46	48345	25.87	33269	29.08
02								
03								
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

Sample Data Section

ORGANICS DATA QUALIFIERS

U	Indicates the compound was analyzed for but not detected above the laboratory Practical Quantitation Limit.
*	Compound recovery outside of quality control limits.
D	Indicates the result was obtained from analysis of a diluted sample. Surrogate recoveries may not be calculable.
E	Estimated value. This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis.
J	Estimated value. The analyte was detected in the sample at a concentration less than the laboratory Practical Quantitation Limit (PQL), but above the Method Detection Limit (MDL).
B	Indicates the analyte was detected in the laboratory method blank analyzed concurrently with the sample.
N	Presumptive evidence of a compound based on a mass spectral library search.
A	Indicates that a tentatively identified compound is a suspected aldol-condensation product.
P	Used for Pesticide/Aroclor analyte when there is a greater than 25% difference for detected concentrations between the two GC columns.

Katahdin Analytical Services, Inc.

Manual Integration Codes For GC/MS, GC, HPLC and/or IC

M1	Peak splitting
M2	Well defined peaks on the shoulders of the other peaks.
M3	There is additional area due to a coeluting interferant
M4	There are negative spikes in the baseline.
M5	There are rising or falling baselines.
M6	The software has failed to detect a peak or misidentified a peak.
M7	Excessive peak tailing.
M8	Analysis such as GRO, DRO and TPH require a baseline hold

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/03/07
Analysis Date: 10-APR-2007 16:15
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 91.7

Lab ID: SA1374-1
Client ID: JAX25-SB104-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	22	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	U	2	1.0	20	22	2
83-32-9	Acenaphthene	U	6	1.0	20	22	6
86-73-7	Fluorene	U	3	1.0	20	22	3
85-01-8	Phenanthrene	U	3	1.0	20	22	3
120-12-7	Anthracene	U	4	1.0	20	22	4
206-44-0	Fluoranthene	U	4	1.0	20	22	4
129-00-0	Pyrene	U	3	1.0	20	22	3
56-55-3	Benzo(a)anthracene	U	3	1.0	20	22	3
218-01-9	Chrysene	U	3	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene	U	3	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	22	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	5	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	U	3	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		68%				
81103-79-9	Fluorene-d10		72%				
1718-52-1	Pyrene-d10		80%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 10-APR-2007 21:20
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 93.7

Lab ID: SA1374-2
Client ID: JAX25-SB105-01
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37560
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	10	1.0	20	21	3
91-57-6	2-Methylnaphthalene		22	1.0	20	21	8
90-12-0	1-Methylnaphthalene		47	1.0	20	21	10
208-96-8	Acenaphthylene	U	2	1.0	20	21	2
83-32-9	Acenaphthene	L	290	1.0	20	21	6
86-73-7	Fluorene		61	1.0	20	21	3
85-01-8	Phenanthrene		100	1.0	20	21	3
120-12-7	Anthracene		24	1.0	20	21	4
206-44-0	Fluoranthene	L	440	1.0	20	21	4
129-00-0	Pyrene	L	480	1.0	20	21	3
56-55-3	Benzo(a)anthracene	L	510	1.0	20	21	3
218-01-9	Chrysene	L	390	1.0	20	21	3
205-99-2	Benzo(b)fluoranthene	L	330	1.0	20	21	3
207-08-9	Benzo(k)fluoranthene	L	190	1.0	20	21	3
50-32-8	Benzo(a)pyrene	L	260	1.0	20	21	3
193-39-5	Indeno(1,2,3-cd)pyrene		140	1.0	20	21	5
191-24-2	Benzo(g,h,i)perylene	L	190	1.0	20	21	3
53-70-3	Dibenzo(a,h)anthracene		51	1.0	20	21	4
7297-45-2	2-Methylnaphthalene-d10		92%				
81103-79-9	Fluorene-d10		86%				
1718-52-1	Pyrene-d10		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 12-APR-2007 13:56
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 93.7

Lab ID: SA1374-2DL
Client ID: JAX25-SB105-01
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37560
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	14	5.0	20	110	14
91-57-6	2-Methylnaphthalene	U	39	5.0	20	110	39
90-12-0	1-Methylnaphthalene	U	49	5.0	20	110	49
208-96-8	Acenaphthylene	U	12	5.0	20	110	12
83-32-9	Acenaphthene		260	5.0	20	110	31
86-73-7	Fluorene	I	51	5.0	20	110	16
85-01-8	Phenanthrene	I	92	5.0	20	110	14
120-12-7	Anthracene	I	21	5.0	20	110	19
206-44-0	Fluoranthene		460	5.0	20	110	19
129-00-0	Pyrene		400	5.0	20	110	17
56-55-3	Benzo(a)anthracene		420	5.0	20	110	16
218-01-9	Chrysene		380	5.0	20	110	15
205-99-2	Benzo(b)fluoranthene		340	5.0	20	110	16
207-08-9	Benzo(k)fluoranthene		140	5.0	20	110	16
50-32-8	Benzo(a)pyrene		240	5.0	20	110	16
193-39-5	Indeno(1,2,3-cd)pyrene		180	5.0	20	110	24
191-24-2	Benzo(g,h,i)perylene		210	5.0	20	110	16
53-70-3	Dibenzo(a,h)anthracene	U	20	5.0	20	110	20
7297-45-2	2-Methylnaphthalene-d10		78%				
81103-79-9	Fluorene-d10		79%				
1718-52-1	Pyrene-d10		70%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 10-APR-2007 19:52
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 86.0

Lab ID: SA1374-3
Client ID: JAX25-SB106-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37560
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	23	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	23	8
90-12-0	1-Methylnaphthalene	U	11	1.0	20	23	11
208-96-8	Acenaphthylene	I	4	1.0	20	23	2
83-32-9	Acenaphthene	U	7	1.0	20	23	7
86-73-7	Fluorene	U	4	1.0	20	23	4
85-01-8	Phenanthrene	I	6	1.0	20	23	3
120-12-7	Anthracene	U	4	1.0	20	23	4
206-44-0	Fluoranthene		29	1.0	20	23	4
129-00-0	Pyrene	I	20	1.0	20	23	4
56-55-3	Benzo(a)anthracene	I	14	1.0	20	23	3
218-01-9	Chrysene	I	15	1.0	20	23	3
205-99-2	Benzo(b)fluoranthene		25	1.0	20	23	4
207-08-9	Benzo(k)fluoranthene	I	9	1.0	20	23	3
50-32-8	Benzo(a)pyrene	I	18	1.0	20	23	3
193-39-5	Indeno(1,2,3-cd)pyrene		27	1.0	20	23	5
191-24-2	Benzo(g,h,i)perylene	I	19	1.0	20	23	4
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	23	4
7297-45-2	2-Methylnaphthalene-d10		72%				
81103-79-9	Fluorene-d10		76%				
1718-52-1	Pyrene-d10		65%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 10-APR-2007 18:24
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 88.4

Lab ID: SA1374-4
Client ID: JAX25-SB107-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37560
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	23	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	23	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	23	10
208-96-8	Acenaphthylene	U	2	1.0	20	23	2
83-32-9	Acenaphthene	U	7	1.0	20	23	7
86-73-7	Fluorene	U	4	1.0	20	23	4
85-01-8	Phenanthrene	U	3	1.0	20	23	3
120-12-7	Anthracene	U	4	1.0	20	23	4
206-44-0	Fluoranthene	I	5	1.0	20	23	4
129-00-0	Pyrene	I	6	1.0	20	23	4
56-55-3	Benzo(a)anthracene	I	5	1.0	20	23	3
218-01-9	Chrysene	I	6	1.0	20	23	3
205-99-2	Benzo(b)fluoranthene	I	9	1.0	20	23	4
207-08-9	Benzo(k)fluoranthene	I	2	1.0	20	23	3
50-32-8	Benzo(a)pyrene	I	4	1.0	20	23	3
193-39-5	Indeno(1,2,3-cd)pyrene	I	4	1.0	20	23	5
191-24-2	Benzo(g,h,i)perylene	I	3	1.0	20	23	4
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	23	4
7297-45-2	2-Methylnaphthalene-d10		75%				
81103-79-9	Fluorene-d10		76%				
1718-52-1	Pyrene-d10		81%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 11-APR-2007 10:39
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 91.7

Lab ID: SA1374-5DL
Client ID: JAX25-SB80-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37560
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	L	10000	10	20	220	28
91-57-6	2-Methylnaphthalene	L	130000	10	20	220	80
90-12-0	1-Methylnaphthalene	L	15000	10	20	220	100
208-96-8	Acenaphthylene	U	24	10	20	220	24
83-32-9	Acenaphthene		1100	10	20	220	64
86-73-7	Fluorene		770	10	20	220	34
85-01-8	Phenanthrene		1100	10	20	220	28
120-12-7	Anthracene	I	180	10	20	220	39
206-44-0	Fluoranthene		540	10	20	220	38
129-00-0	Pyrene		500	10	20	220	35
56-55-3	Benzo(a)anthracene	I	220	10	20	220	33
218-01-9	Chrysene	I	140	10	20	220	32
205-99-2	Benzo(b)fluoranthene	I	150	10	20	220	34
207-08-9	Benzo(k)fluoranthene	I	45	10	20	220	33
50-32-8	Benzo(a)pyrene	I	91	10	20	220	33
193-39-5	Indeno(1,2,3-cd)pyrene	I	66	10	20	220	49
191-24-2	Benzo(g,h,i)perylene	I	40	10	20	220	34
53-70-3	Dibenzo(a,h)anthracene	I	44	10	20	220	41
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 11-APR-2007 11:23
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 91.7

Lab ID: SA1374-5DL2
Client ID: JAX25-SB80-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37560
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	16000	1000	20	22000	2800
91-57-6	2-Methylnaphthalene		40000	1000	20	22000	8000
90-12-0	1-Methylnaphthalene		26000	1000	20	22000	10000
208-96-8	Acenaphthylene	U	2400	1000	20	22000	2400
83-32-9	Acenaphthene	U	6400	1000	20	22000	6400
86-73-7	Fluorene	U	3400	1000	20	22000	3400
85-01-8	Phenanthrene	U	2800	1000	20	22000	2800
120-12-7	Anthracene	U	3900	1000	20	22000	3900
206-44-0	Fluoranthene	U	3800	1000	20	22000	3800
129-00-0	Pyrene	U	3500	1000	20	22000	3500
56-55-3	Benzo(a)anthracene	U	3300	1000	20	22000	3300
218-01-9	Chrysene	U	3200	1000	20	22000	3200
205-99-2	Benzo(b)fluoranthene	U	3400	1000	20	22000	3400
207-08-9	Benzo(k)fluoranthene	U	3300	1000	20	22000	3300
50-32-8	Benzo(a)pyrene	U	3300	1000	20	22000	3300
193-39-5	Indeno(1,2,3-cd)pyrene	U	4900	1000	20	22000	4900
191-24-2	Benzo(g,h,i)perylene	U	3400	1000	20	22000	3400
53-70-3	Dibenzo(a,h)anthracene	U	4100	1000	20	22000	4100
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 10-APR-2007 16:58
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 93.3

Lab ID: SA1374-6
Client ID: JAX25-SB108-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37560
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	21	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	21	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	21	10
208-96-8	Acenaphthylene	U	2	1.0	20	21	2
83-32-9	Acenaphthene	U	6	1.0	20	21	6
86-73-7	Fluorene	U	3	1.0	20	21	3
85-01-8	Phenanthrene	U	3	1.0	20	21	3
120-12-7	Anthracene	U	4	1.0	20	21	4
206-44-0	Fluoranthene	U	4	1.0	20	21	4
129-00-0	Pyrene	U	3	1.0	20	21	3
56-55-3	Benzo(a)anthracene	U	3	1.0	20	21	3
218-01-9	Chrysene	U	3	1.0	20	21	3
205-99-2	Benzo(b)fluoranthene	U	3	1.0	20	21	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	21	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	21	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	5	1.0	20	21	5
191-24-2	Benzo(g,h,i)perylene	U	3	1.0	20	21	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	21	4
7297-45-2	2-Methylnaphthalene-d10		79%				
81103-79-9	Fluorene-d10		79%				
1718-52-1	Pyrene-d10		80%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 10-APR-2007 20:36
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 89.5

Lab ID: SA1374-8
Client ID: JAX25-SB110-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37560
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	22	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	U	2	1.0	20	22	2
83-32-9	Acenaphthene	U	6	1.0	20	22	6
86-73-7	Fluorene	U	3	1.0	20	22	3
85-01-8	Phenanthrene	U	3	1.0	20	22	3
120-12-7	Anthracene	U	4	1.0	20	22	4
206-44-0	Fluoranthene	U	4	1.0	20	22	4
129-00-0	Pyrene	U	4	1.0	20	22	4
56-55-3	Benzo(a)anthracene	U	3	1.0	20	22	3
218-01-9	Chrysene	U	3	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene	U	3	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	22	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	5	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	I	8	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		71%				
81103-79-9	Fluorene-d10		75%				
1718-52-1	Pyrene-d10		68%				

Standards Data Section

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GCMS-R Calibration Date(s): 04/06/07 04/06/07

Column: ZB5-MS ID: 0.25 (mm) Calibration Time(s): 1149 1653

LAB FILE ID: RF0.2: R3753 RF0.5: R3752 RF1: R3748
RF2: R3755 RF3: R3754 RF5: R3749

COMPOUND	RF0.2	RF0.5	RF1	RF2	RF3	RF5	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2	
Naphthalene	0.938	1.073	0.976	0.946	1.054	0.865	AVRG		0.97526016		7.969	15.000	
2-Methylnaphthalene	6332	24235	57282	114430	165530	311170	2ORDR	0.14268637	1.26509084	0.14405463	0.99173	0.99000	
1-Methylnaphthalene	0.978	0.732	0.761	0.694	0.741		AVRG		0.78136056		14.418	15.000	<
Acenaphthylene	1.340	1.706	1.740	1.705	2.027	1.865	AVRG		1.73059796		13.174	15.000	
Acenaphthene	0.987	1.179	1.148	1.146	1.324	1.155	AVRG		1.15619238		9.267	15.000	
Fluorene	1.058	1.344	1.358	1.356	1.568	1.423	AVRG		1.35088626		12.309	15.000	
Phenanthrene	0.936	1.283	1.253	1.249	1.465	1.214	AVRG		1.23330842		13.830	15.000	
Anthracene	1.012	1.294	1.264	1.256	1.449	1.204	AVRG		1.24644673		11.387	15.000	
Fluoranthene	0.844	1.121	1.127	1.083	1.275	1.108	AVRG		1.09316148		12.752	15.000	
Pyrene	1.549	1.944	1.729	1.868	2.175	1.598	AVRG		1.81042095		12.927	15.000	
Benzo(a)anthracene	0.724	0.971	1.024	0.927	1.116	1.041	AVRG		0.96725460		14.004	15.000	
Chrysene	1.285	1.435	1.244	1.239	1.391	1.209	AVRG		1.30051775		7.048	15.000	
Benzo(b)fluoranthene	3717	13564	38101	56331	78273	225670	LINR	0.11899582	0.69533049		0.99379	0.99000	
Benzo(k)fluoranthene	1.603	1.776	1.665	1.870	2.188	1.658	AVRG		1.79325923		12.029	15.000	
Benzo(a)pyrene	1.034	1.250	1.209	1.216	1.451	1.276	AVRG		1.23941722		10.825	15.000	
Indeno(1,2,3-cd)pyrene	2820	6077	24543	28431	35403	135280	2ORDR	-2.18e-002	1.70085482	-9.49e-002	0.99657	0.99000	
Benzo(g,h,i)perylene	1.042	1.157	1.151	1.156	1.316	1.132	AVRG		1.15890393		7.652	15.000	
Dibenzo(a,h)anthracene	2487	9549	30034	39394	52596	161450	LINR	0.11116650	0.99001579		0.99657	0.99000	
2-Methylnaphthalene-d10	0.361	0.452	0.439	0.422	0.466	0.368	AVRG		0.41801244		10.478	15.000	
Fluorene-d10	1.019	1.383	1.409	1.382	1.596	1.385	AVRG		1.36246612		13.767	15.000	
Pyrene-d10	1.041	1.322	1.191	1.257	1.465	1.100	AVRG		1.22936985		12.509	15.000	

Average %RSD test result.

Calculate Average %RSD: 11.39643478
Maximum Average %RSD: 30.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GCMS-R Calibration Date: 04/07/07 Time: 1040

Lab File ID: R3765 Init. Calib. Date(s): 04/06/07 04/06/07

Init. Calib. Times: 1149 1653

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.9750000	0.9778800	0.9778800	0.01	0.30	100.00	AVRG
2-Methylnaphthalene	0.9053000	1.0000000	0.5778400	0.01	-9.47	100.00	2RDR
1-Methylnaphthalene	0.7810000	0.6852600	0.6852600	0.01	-12.26	100.00	AVRG
Acenaphthylene	1.7300000	1.7892000	1.7892000	0.01	3.42	100.00	AVRG
Acenaphthene	1.1560000	1.1155000	1.1155000	0.01	-3.50	20.00	AVRG
Fluorene	1.3510000	1.3086000	1.3086000	0.01	-3.14	100.00	AVRG
Phenanthrene	1.2330000	1.2102000	1.2102000	0.01	-1.85	100.00	AVRG
Anthracene	1.2460000	1.1619000	1.1619000	0.01	-6.75	100.00	AVRG
Fluoranthene	1.0930000	1.1389000	1.1389000	0.01	4.20	20.00	AVRG
Pyrene	1.8100000	1.4661000	1.4661000	0.01	-19.00	100.00	AVRG
Benzo(a)anthracene	0.9670000	1.1115000	1.1115000	0.01	14.94	100.00	AVRG
Chrysene	1.3000000	1.2432000	1.2432000	0.01	-4.37	100.00	AVRG
Benzo(b)fluoranthene	1.0541000	1.0000000	1.3791000	0.01	5.41	100.00	LINR
Benzo(k)fluoranthene	1.7930000	1.6555000	1.6555000	0.01	-7.67	100.00	AVRG
Benzo(a)pyrene	1.2390000	1.2306000	1.2306000	0.01	-0.68	20.00	AVRG
Indeno(1,2,3-cd)pyrene	0.9758600	1.0000000	0.6099300	0.01	-2.41	100.00	2RDR
Benzo(g,h,i)perylene	1.1590000	0.8646900	0.8646900	0.01	-25.39	100.00	AVRG
Dibenzo(a,h)anthracene	0.8452900	1.0000000	0.7639800	0.01	-15.47	100.00	LINR
2-Methylnaphthalene-d10	0.4180000	0.4179400	0.4179400	0.01	-0.01	100.00	AVRG
Fluorene-d10	1.3620000	1.3720000	1.3720000	0.01	0.73	100.00	AVRG
Pyrene-d10	1.2290000	1.0323000	1.0323000	0.01	-16.00	100.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GCMS-R Calibration Date: 04/10/07 Time: 1031

Lab File ID: R3797 Init. Calib. Date(s): 04/06/07 04/06/07

Init. Calib. Times: 1149 1653

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.9750000	0.9366000	0.9366000	0.01	-3.94	100.00	AVRG
2-Methylnaphthalene	0.9247200	1.0000000	0.5910000	0.01	-7.53	100.00	2RDR
1-Methylnaphthalene	0.7810000	0.7383300	0.7383300	0.01	-5.46	100.00	AVRG
Acenaphthylene	1.7300000	1.7160000	1.7160000	0.01	-0.81	100.00	AVRG
Acenaphthene	1.1560000	1.1036000	1.1036000	0.01	-4.53	20.00	AVRG
Fluorene	1.3510000	1.2955000	1.2955000	0.01	-4.11	100.00	AVRG
Phenanthrene	1.2330000	1.1538000	1.1538000	0.01	-6.42	100.00	AVRG
Anthracene	1.2460000	1.1693000	1.1693000	0.01	-6.16	100.00	AVRG
Fluoranthene	1.0930000	1.0640000	1.0640000	0.01	-2.65	20.00	AVRG
Pyrene	1.8100000	1.7143000	1.7143000	0.01	-5.29	100.00	AVRG
Benzo(a)anthracene	0.9670000	1.1278000	1.1278000	0.01	16.63	100.00	AVRG
Chrysene	1.3000000	1.2069000	1.2069000	0.01	-7.16	100.00	AVRG
Benzo(b)fluoranthene	0.8931200	1.0000000	1.1475000	0.01	-10.69	100.00	LINR
Benzo(k)fluoranthene	1.7930000	1.3972000	1.3972000	0.01	-22.08	100.00	AVRG
Benzo(a)pyrene	1.2390000	1.1544000	1.1544000	0.01	-6.83	20.00	AVRG
Indeno(1,2,3-cd)pyrene	1.2220000	1.0000000	0.7700600	0.01	22.20	100.00	2RDR
Benzo(g,h,i)perylene	1.1590000	1.0498000	1.0498000	0.01	-9.42	100.00	AVRG
Dibenzo(a,h)anthracene	0.9983900	1.0000000	0.9186300	0.01	-0.16	100.00	LINR
2-Methylnaphthalene-d10	0.4180000	0.4291100	0.4291100	0.01	2.66	100.00	AVRG
Fluorene-d10	1.3620000	1.3289000	1.3289000	0.01	-2.43	100.00	AVRG
Pyrene-d10	1.2290000	1.1964000	1.1964000	0.01	-2.65	100.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GCMS-R Calibration Date: 04/11/07 Time: 0957

Lab File ID: R3813 Init. Calib. Date(s): 04/06/07 04/06/07

Init. Calib. Times: 1149 1653

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.9750000	0.9221300	0.9221300	0.01	-5.42	100.00	AVRG
2-Methylnaphthalene	0.8705000	1.0000000	0.5541500	0.01	-12.95	100.00	2RDR
1-Methylnaphthalene	0.7810000	0.7003300	0.7003300	0.01	-10.33	100.00	AVRG
Acenaphthylene	1.7300000	1.6326000	1.6326000	0.01	-5.63	100.00	AVRG
Acenaphthene	1.1560000	1.0499000	1.0499000	0.01	-9.18	20.00	AVRG
Fluorene	1.3510000	1.2206000	1.2206000	0.01	-9.65	100.00	AVRG
Phenanthrene	1.2330000	1.1307000	1.1307000	0.01	-8.30	100.00	AVRG
Anthracene	1.2460000	1.1188000	1.1188000	0.01	-10.21	100.00	AVRG
Fluoranthene	1.0930000	0.8970000	0.8970000	0.01	-17.93	20.00	AVRG
Pyrene	1.8100000	1.8612000	1.8612000	0.01	2.83	100.00	AVRG
Benzo(a)anthracene	0.9670000	1.0422000	1.0422000	0.01	7.78	100.00	AVRG
Chrysene	1.3000000	1.1173000	1.1173000	0.01	-14.05	100.00	AVRG
Benzo(b)fluoranthene	0.8868500	1.0000000	1.1385000	0.01	-11.32	100.00	LINR
Benzo(k)fluoranthene	1.7930000	1.3886000	1.3886000	0.01	-22.55	100.00	AVRG
Benzo(a)pyrene	1.2390000	1.0801000	1.0801000	0.01	-12.82	20.00	AVRG
Indeno(1,2,3-cd)pyrene	1.1184000	1.0000000	0.7021800	0.01	11.84	100.00	2RDR
Benzo(g,h,i)perylene	1.1590000	0.9923100	0.9923100	0.01	-14.38	100.00	AVRG
Dibenzo(a,h)anthracene	0.8952400	1.0000000	0.8144400	0.01	-10.48	100.00	LINR
2-Methylnaphthalene-d10	0.4180000	0.4093800	0.4093800	0.01	-2.06	100.00	AVRG
Fluorene-d10	1.3620000	1.2571000	1.2571000	0.01	-7.70	100.00	AVRG
Pyrene-d10	1.2290000	1.2912000	1.2912000	0.01	5.06	100.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GCMS-R Calibration Date: 04/12/07 Time: 1024

Lab File ID: R3830 Init. Calib. Date(s): 04/06/07 04/06/07

Init. Calib. Times: 1149 1653

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.9750000	0.8587900	0.8587900	0.01	-11.92	100.00	AVRG
2-Methylnaphthalene	0.7878100	1.0000000	0.4973000	0.01	-21.22	100.00	2RDR
1-Methylnaphthalene	0.7810000	0.6604800	0.6604800	0.01	-15.43	100.00	AVRG
Acenaphthylene	1.7300000	1.4957000	1.4957000	0.01	-13.54	100.00	AVRG
Acenaphthene	1.1560000	0.9471400	0.9471400	0.01	-18.07	20.00	AVRG
Fluorene	1.3510000	1.1048000	1.1048000	0.01	-18.22	100.00	AVRG
Phenanthrene	1.2330000	1.0210000	1.0210000	0.01	-17.19	100.00	AVRG
Anthracene	1.2460000	1.0435000	1.0435000	0.01	-16.25	100.00	AVRG
Fluoranthene	1.0930000	0.9525000	0.9525000	0.01	-12.85	20.00	AVRG
Pyrene	1.8100000	1.2819000	1.2819000	0.01	-29.18	100.00	AVRG
Benzo(a)anthracene	0.9670000	0.9136600	0.9136600	0.01	-5.52	100.00	AVRG
Chrysene	1.3000000	1.0770000	1.0770000	0.01	-17.15	100.00	AVRG
Benzo(b)fluoranthene	0.7771800	1.0000000	0.9808000	0.01	-22.28	100.00	LINR
Benzo(k)fluoranthene	1.7930000	1.3534000	1.3534000	0.01	-24.52	100.00	AVRG
Benzo(a)pyrene	1.2390000	0.9919500	0.9919500	0.01	-19.94	20.00	AVRG
Indeno(1,2,3-cd)pyrene	0.8534400	1.0000000	0.5317300	0.01	-14.66	100.00	2RDR
Benzo(g,h,i)perylene	1.1590000	0.8434600	0.8434600	0.01	-27.22	100.00	AVRG
Dibenzo(a,h)anthracene	0.7516000	1.0000000	0.6693500	0.01	-24.84	100.00	LINR
2-Methylnaphthalene-d10	0.4180000	0.3715900	0.3715900	0.01	-11.10	100.00	AVRG
Fluorene-d10	1.3620000	1.1401000	1.1401000	0.01	-16.29	100.00	AVRG
Pyrene-d10	1.2290000	0.8819000	0.8819000	0.01	-28.24	100.00	AVRG

FORM VII PEST

Logbooks and Supporting Documents

KATAHDIN ANALYTICAL SERVICES
GC/MS SVOA INJ LOG INSTRUMENT: 5973-R

DATE OF DFTPP INJECTION: 040607

JOB	SAMPLE	DATAFILE	DF	ALS #	METHOD	UL INJ	CHEMIST	COMMENTS
	50 ng DFTPP	RD290	1	1	DFTPP3ug	2.0	JLR	ok
	SSTD1.00 120406	R3748		2	RSIM029	1.0		ok ✓ 30/300
	5.00	49		3				ok ✓ 100/200
	3.00	50		4				ok not used 60/200
	2.00	51		5				1362 ↓ 40/200
	0.50	52		6				ok ✓ 10/200
	0.20	53		7				ok ✓ 4/200
	3.00	54		8				ok ✓ 60/200
	2.00	55		9				ok ✓ 40/200
	SIM CV CHK	56		10				ok
35550	SA1132-2DL	57	5	11				ok 100/500
	-4DL	58	10	12				ok 50/500
	-6RA	59	1	13				ok
	-8RA	60		14				ok
	-10RA	61		15				ok
	-12RA	62		16				ok DL-112
	WG37474-3RA	63		17				ok
	-4RA	64		18				ok

JW 040707

STANDARD	CODE
DFTPP	51092
CAL. STD.	51040
SS MIX	51004

REVIEWED AND APPROVED BY:
DATE:

QAMS335

Katahdin Analytical Services 00000842

KATAHDIN ANALYTICAL SERVICES
GC/MS SVOA INJ LOG INSTRUMENT: 5973-R

DATE OF DFTPP INJECTION: 041007

JOB	SAMPLE	DATAFILE	DF	ALS #	METHOD	UL INJ	CHEMIST	COMMENTS
	50ng DFTPP	R0293	1	1	DFTPP390	2.0	JCM	OK
	SSTD1.00R20110	R3797		2	RSIM029	1.0		OK 30/300
3550	WC37560-1	98		3				OK
	SA1351-17DL	99	10	4				OK DL 1:1000 50/500
	-10DL	R3800	2	5				OK 100/200
	-11DL	01	40	6				OK 25/1000
	-12DL	02	100	7				OK (50/500)x2
	-13DL	03	10	8				OK 50/500
	-17DL2	04	1000	9				OK (50/500)x3
	SA1374 -1	05	1	10				OK
	-6	06		11				OK
	-7	07		12				OK
	-4	08		13				OK
	-5	09		14				— DL 1:10
	-3	10		15				OK
	-8	11		16				OK
	-2	12		17				OK DL 1:5

JWH 1107

STANDARD	CODE
DFTPP	S1042
CAL. STD.	S1040
IS MIX	S1004

REVIEWED AND APPROVED BY:
DATE:

QAMS335

Katahdin Analytical Services 2000043

000008

KATAHDIN ANALYTICAL SERVICES
GC/MS SVOA INJ LOG INSTRUMENT: 5973-R

DATE OF DFTPP INJECTION: 041107

JOB	SAMPLE	DATAFILE	DF	ALS #	METHOD	UL INJ	CHEMIST	COMMENTS
	50ng DFTPP	R0294	1	1	DFTPP390	2.0	JLG	OK
	SSTD1.00R044	R3813	1	2	RSIM029	1.0		OK 30/300
3550	SA1374-SDL	14	10	3				OK DL 1:1000 50/500
	+ -SDL2	15	1000	4				OK (50/500)X3
	WG37~~560~~732-1 JLG	16	1	5				OK contam.
	560-2	17		6				OK
	+ -3	18		7				OK
	SA1544-1	19		8				OK DL 1:40 1569
	-2	20		9				OK
	-3	21		10				OK
	-5	22		11				OK
	-6	23		12				OK
	-7	24		13				OK
	-9	25		14				1564 DL 1:20
	-10	26		15				1564 DL 1:10
	-11	27		16				1564 DL 1:3
	-12	28		17				OK
	-13	29		18				OK
					JLW 041107			

STANDARD	CODE
DFTPP	51042
CAL. STD.	51040
IS MIX	51004

REVIEWED AND APPROVED BY:
DATE:

Katahdin Analytical Services 2000044
OAMS35

SIM-SON

Katahdin Analytical Services, Inc.
Organic Extraction Log

Protocol: SW846
Analytical Method: SW846/8270
Analysis: Semivolatile Organics
Extraction Technique: SONIC 3550 / SOX 3540 / ASE 3545
Date QC Started: ~~SV~~ 4-3-07
QC Expiration Date: 4-17-07
QC Batch ID: ~~SV2152~~ 2GW
Matrix: SOLID
SURROGATE ID: ~~SV2140~~ SV2152
SPIKE ID: SV2140

CLEAN-UP: GC screen, GPC, Florisil, Acid Wash, Other:
Sonicator Horns Tuned: ≤20%
Solvent Lot # $MeCl_2$ E06468
Solvent Lot # Acetone C20E10

Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Init.	Comments
Blank-1	4-3-07	GN	WG37524-1 ~~SA~~ GW	30g	1.0mL	NR	1mL	4-3-07	SV204 B4	KM	R62086
LCS-1			-2			1.0mL			B5		
MS			-3						B6		SA13515 MS GN 4-3-07 ~~SA13495~~
MSD			-4						B7		Yellower than MS MSD GN 4-3-07 ~~SA13495~~ SA13515
Blank-2											
LCS-2											
Blank-3											
LCS-3											
Blank-4											
LCS-4											
Blank-5											
LCS-5											
Blank-6											
LCS-6											

QAEX129 000009

Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Init.	Comments
1	4-3-07	GN	SA13515	30g	1.0mL	NR	1mL	4-3-07	SV204 B8	KM	MS/MSD
2			-6						B9		
3			-7						B10		
4			-8						C1		
5			-9						C2		
6			-10						C3		
7			-11						C4		
8			-12						C5		
9			-13						C6		
10			-14						C7		
11			-15						C8		
12			-16						C9		
13			-17						C10		
14			-18						D1		
15			-19						D2		
16			-20						D3		
17			-21						D4		
18			-22						D5		
19			-23						D6		
20			SA13741						D7		

Reviewed By: _____

QAEX129 0000092

SIM-SON

Katahdin Analytical Services, Inc.
Organic Extraction Log

Protocol: SW846
Analysis: Semivolatile Organics
Date QC Started: 4-4-07
QC Expiration Date: 4-18-07
QC Batch ID:
SURROGATE ID: SV2152

Analytical Method: SW846/8270
Extraction Technique: SONIC 3550
SOX 3540
ASE 3545
Matrix: SOLID
SPIKE ID: SV2154

CLEAN-UP: GC screen, GPC, Florisil, Acid Wash, Other:
Sonicator Horns Tuned: <0.20
Solvent Lot # MeCl2 E06468
Solvent Lot # Acetone C20E10

Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Init.	Comments
Blank-1	4-4-07	GN	WG375880-1	30 g	1 mL	NA	1 mL	4-5-07	SV205 D2	GN	R62153
LCS-1			-2			1 mL			D3		
MS			-3						D4		
MSD											
Blank-2											
LCS-2											
Blank-3											
LCS-3											
Blank-4											
LCS-4											
Blank-5											
LCS-5											
Blank-6											
LCS-6											

QAEX129 0000093

Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Init.	Comments
1	4-4-07	GN	SA13742	30 g	1 mL	NA	1 mL	4-5-07	SV205 D5	GN	
2			-3						D6		
3			-4						D7		
4			-5						D8		
5			-6						D9		
6			-7						D10		
7			-8						E1		
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											

Reviewed By:

QAEX129 0000094

KATAHDIN ANALYTICAL SERVICES
GC/MS SVOA INJ LOG INSTRUMENT: 5973-R

DATE OF DFTPP INJECTION: 040707

JOB	SAMPLE	DATAFILE	DF	ALS #	METHOD	UL INJ	CHEMIST	COMMENTS
	50ng DFTPP	R0091	1	1	DFTPP3RO	2.0	JLG	OK
	SSTD1.00 R0407	R3765		2	RSM028	1.0		OK 30/300
3550	WG37524-1	66		3				OK
	-2	67		4				OK
	SA1351-7	68		5				OK
	-9	69		6				DL 1:2 OK
	-5	70		7				OK
	-8	71		8				OK
	-6	72		9				OK
	-2	73		10				OK
	-3	74		11				OK
	-1	75		12				SSI-3? 2x?
	SA1132-12DK	76	2	13				OK 100/200
	WG37524-3	77	1	14				OK
	-4	78		15				OK
	SA1132-2RA	79		16				OK
	SA1351-4	80		17				OK

STANDARD	CODE
DFTPP	51042
CAL. STD.	51040
SS MIX	51004

REVIEWED AND APPROVED BY:
DATE:

QAMS335

Katahdin Analytical Services 00000047

KATAHDIN ANALYTICAL SERVICES
GC/MS SVOA INJ LOG INSTRUMENT: 5973-R

DATE OF DFTPP INJECTION: 041207

JOB	SAMPLE	DATAFILE	DF	ALS #	METHOD	UL INJ	CHEMIST	COMMENTS
	50 ng DFTPP	R0295	1	1	DFTPP390	2.0	JCH	OK
	SSTD1-00 R0442	R3830		2	RSIM029	1.0		OK 30/300
3550	WG37732-2	31		3				OK
	+ -3	32		4				OK
	SA1544-15	33		5				OK
	SA1374-20L	35	5	6 7				OK 100/500
	SA1544-16 JCH	~~3534~~	JCH	6				ISLT DL 1:3
	-18	36		8				
	-19L	37	40	9				
	-9DL	38	20	10				
	-10DL	39	10	11				
	-11DL	40	3	12				
	-17	41	1	13				
	-16DL	42	3	14				

STANDARD	CODE
DFTPP	5042
CAL. STD.	5040
IS MIX	5004

REVIEWED AND APPROVED BY:
DATE:

QAMS335

Katahdin Analytical Services

PETROLEUM RANGE ORGANICS DATA

QC Summary Section

FORM 2

SOIL FL-PRO SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Level:(low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 OTP#	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	WG37547-BLANK	WG37547-1	104	103							0
02	WG37547-LCS	WG37547-2	62	62							0
03	WG37547-LCSD	WG37547-3	102	101							0
04	JAX25-SB104-03	SA1374-1	104	104							0
05	WG37669-BLANK	WG37669-1RA	142J	138J							2
06	WG37669-LCS	WG37669-2RA	108	112J							1
07	JAX25-SB106-03	SA1374-3RA	106	108							0
08	JAX25-SB107-03	SA1374-4RA	106	108							0
09	JAX25-SB108-03	SA1374-6RERA	109	109							0
10	JAX25-SB109-03	SA1374-7RA	109	109							0
11	JAX25-SB110-03	SA1374-8RA	115	116J							1
12	JAX25-SB105-01	SA1374-2DL2	D	D							0
13	JAX25-SB80-03	SA1374-5DL	D	D							0
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											

		QC LIMITS
S1	= n-Triacontane-D62	(60-118)
S2 (OTP)	= O-Terphenyl	(62-109)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 04/04/07
Analysis Date: 06-APR-2007 02:16
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 100

Lab ID: WG37547-1
Client ID: WG37547-Blank
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: HC
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	I	6.9	1.0	20	20	2.2
	n-Triacontane-D62		104%				
	O-Terphenyl		103%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 04/06/07
Analysis Date: 11-APR-2007 11:44
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 100

Lab ID: WG37669-1RA
Client ID: WG37669-Blank
SDG: SA1374
Extracted by: KM
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37669
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	I	5.3	1.0	20	20	2.2
	n-Triacontane-D62		J142%				
	O-Terphenyl		J138%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 04/04/07
Analysis Date: 04/06/07
Report Date: 04/12/2007
Matrix: SOIL

Lab ID: WG37547-2 & WG37547-3
Client ID: WG37547-LCS & WG37547-LCSD
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: HC
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Petroleum Range Organics	57	57	NA	34	56	* 60	99 *	49	25	63-153

FORM III SV-2

CAD1030.d & CAD1031.d

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date:
Received Date:
Extraction Date: 04/06/07
Analysis Date: 04/11/07
Report Date: 04/12/2007
Matrix: SOIL

Lab ID: WG37669-2RA
Client ID: WG37669-LCS
SDG: SA1374
Extracted by: KM
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37669
Units: mg/Kgdrywt

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Petroleum Range Organics	57	NA	55	97	63-153

FORM III SV-2

CAD1080.d

FORM 4

SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG37547-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: CAD1029 Lab Sample ID: WG37547-1

Instrument ID: GC12 Date Extracted: 04/04/07

Matrix: (soil/water) SOIL Date Analyzed: 04/06/07

Level:(low/med) LOW Time Analyzed: 0216

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG37547-LCS	WG37547-2	CAD1030	04/06/07	0331
02	WG37547-LCSD	WG37547-3	CAD1031	04/06/07	0447
03	JAX25-SB104-03	SA1374-1	CAD1035	04/06/07	0949
04	JAX25-SB106-03	SA1374-3RA	CAD1081	04/11/07	1414
05	JAX25-SB107-03	SA1374-4RA	CAD1082	04/11/07	1528
06	JAX25-SB109-03	SA1374-7RA	CAD1084	04/11/07	1756
07	JAX25-SB110-03	SA1374-8RA	CAD1085	04/11/07	1912
08	JAX25-SB105-01	SA1374-2DL2	CAD1086	04/11/07	2028
09	JAX25-SB80-03	SA1374-5DL	CAD1087	04/11/07	2143
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV SV

FORM 4

SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG37669-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Lab File ID: CAD1079 Lab Sample ID: WG37669-1RA

Instrument ID: GC12 Date Extracted: 04/06/07

Matrix: (soil/water) SOIL Date Analyzed: 04/11/07

Level:(low/med) LOW Time Analyzed: 1144

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG37669-LCS	WG37669-2RA	CAD1080	04/11/07	1259
02	JAX25-SB108-03	SA1374-6RERA	CAD1083	04/11/07	1642
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV SV

FORM 8

FL-PRO ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

GC Column: ZB-1 ID: 0.53 (mm) Init. Calib. Date(s): 04/05/07 04/05/07

Instrument ID: GC12

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 15.70 S2 : 22.41

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		FLPRO 50UG/M	04/05/07	1728	15.70	22.41
02		FLPRO 200 UG	04/05/07	1843	15.69	22.40
03		FLPRO 100UG/	04/05/07	1959	15.69	22.40
04		FLPRO 20UG/M	04/05/07	2114	15.69	22.39
05		FLPRO 5UG/ML	04/05/07	2229	15.69	22.39
06	WG37547-BLAN	WG37547-1	04/06/07	0216	15.69	22.40
07	WG37547-LCS	WG37547-2	04/06/07	0331	15.70	22.40
08	WG37547-LCSD	WG37547-3	04/06/07	0447	15.70	22.40
09	JAX25-SB104-	SA1374-1	04/06/07	0949	15.70	22.41
10		FLPRO 50UG/M	04/06/07	1331	15.70	22.41
11		FLPRO IND50U	04/09/07	1648	15.71	22.42
12		FLPRO 50UG/M	04/11/07	1030	15.70	22.40
13	WG37669-BLAN	WG37669-1RA	04/11/07	1144	15.70	22.40
14	WG37669-LCS	WG37669-2RA	04/11/07	1259	15.70	22.40
15	JAX25-SB106-	SA1374-3RA	04/11/07	1414	15.70	22.40
16	JAX25-SB107-	SA1374-4RA	04/11/07	1528	15.70	22.40
17	JAX25-SB108-	SA1374-6RERA	04/11/07	1642	15.70	22.41
18	JAX25-SB109-	SA1374-7RA	04/11/07	1756	15.70	22.40
19	JAX25-SB110-	SA1374-8RA	04/11/07	1912	15.68	22.37
20	JAX25-SB105-	SA1374-2DL2	04/11/07	2028	15.68	22.36

QC LIMITS

S1 = O-Terphenyl (+/- 0.31 MINUTES)
S2 = n-Triacontane-D62 (+/- 0.45 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8

FL-PRO ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

GC Column: ZB-1 ID: 0.53 (mm) Init. Calib. Date(s): 04/05/07 04/05/07

Instrument ID: GC12

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 15.70 S2 : 22.41

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01	JAX25-SB80-0	SA1374-5DL	04/11/07	2143		
02		FLPRO 50UG/M	04/12/07	0129	15.69	22.38
03						
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

		QC LIMITS
S1	= O-Terphenyl	(+/- 0.31 MINUTES)
S2	= n-Triacontane-D62	(+/- 0.45 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

Katahdin Analytical Services 3000011

Sample Data Section

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 06-APR-2007 09:49
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 91.7

Lab ID: SA1374-1
Client ID: JAX25-SB104-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: HC
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IJV	6.5	1.0	20	22	2.4
	n-Triacontane-D62		104%				
	O-Terphenyl		104%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 11-APR-2007 20:28
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 93.7

Lab ID: SA1374-2DL2
Client ID: JAX25-SB105-01
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	JV	400	10	20	210	24
	n-Triacontane-D62		D				
	O-Terphenyl		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 11-APR-2007 14:14
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 86.0

Lab ID: SA1374-3RA
Client ID: JAX25-SB106-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IJV	14	1.0	20	23	2.6
	n-Triacontane-D62		106%				
	O-Terphenyl		108%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 11-APR-2007 15:28
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 88.4

Lab ID: SA1374-4RA
Client ID: JAX25-SB107-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IJV	12	1.0	20	23	2.5
	n-Triacontane-D62		106%				
	O-Terphenyl		108%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 11-APR-2007 21:43
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 91.7

Lab ID: SA1374-5DL
Client ID: JAX25-SB80-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	JV	6400	50	20	1100	120
	n-Triacontane-D62		D				
	O-Terphenyl		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/06/07
Analysis Date: 11-APR-2007 16:42
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 93.3

Lab ID: SA1374-6RERA
Client ID: JAX25-SB108-03
SDG: SA1374
Extracted by: KM
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37669
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IV	6.1	1.0	20	21	2.4
	n-Triacontane-D62		109%				
	O-Terphenyl		109%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 11-APR-2007 17:56
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 92.8

Lab ID: SA1374-7RA
Client ID: JAX25-SB109-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IJV	6.4	1.0	20	22	2.4
	n-Triacontane-D62		109%				
	O-Terphenyl		109%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 11-APR-2007 19:12
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 89.5

Lab ID: SA1374-8RA
Client ID: JAX25-SB110-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IJV	7.8	1.0	20	22	2.5
	n-Triacontane-D62		115%				
	O-Terphenyl		J116%				

Standards Data Section

FORM 6

FL-PRO INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GC12 Calibration Date(s): 04/05/07 04/05/07

Column: ZB-1 ID: 0.53 (mm) Calibration Time(s): 1728 2229

LAB FILE ID: RF5: CAD1026 RF20: CAD1025 RF50: CAD1022
RF100: CAD1024 RF200: CAD1023

COMPOUND	RF5	RF20	RF50	RF100	RF200	CURVE	COEFFICENTS A0	A1	%RSD OR R^2	MAX %RSD OR R^2
C-24	25888	95134	259750	621850	1162600	LINR	1.64311632	1.686e-004	0.99737	0.99000
C-8	68785	142860	305690	618330	1167400	LINR	-4.0467482	1.734e-004	0.99868	0.99000
C-10	22837	95968	257890	599100	1131400	LINR	1.48710297	1.737e-004	0.99816	0.99000
C-12	24231	95356	258360	608550	1142500	LINR	1.53293005	1.718e-004	0.99777	0.99000
C-14	25245	94459	257280	613570	1152100	LINR	1.68813751	1.703e-004	0.99757	0.99000
C-16	25073	94583	258720	620500	1163800	LINR	1.77954097	1.685e-004	0.99744	0.99000
C-18	25034	94392	258660	621870	1165900	LINR	1.81690821	1.681e-004	0.99739	0.99000
C-28	28545	96084	261080	621950	1156100	LINR	1.30767034	1.697e-004	0.99725	0.99000
C-20	25536	98504	259380	622240	1164300	LINR	1.55128139	1.685e-004	0.99745	0.99000
C-22	25802	96239	262170	629040	1178200	LINR	1.72213973	1.664e-004	0.99740	0.99000
FL-PRO peaks C8-C40	472800	1672100	4431400	1.e+007	2e+007	LINR	19.2693919	1.718e-004	0.99772	0.99000
C-26	25738	95668	260580	620920	1155100	LINR	1.47051699	1.697e-004	0.99730	0.99000
C-38	23531	91791	245730	569570	1063800	LINR	1.10495802	1.847e-004	0.99786	0.99000
C-40	22142	91752	241560	560980	1055400	LINR	1.26840575	1.863e-004	0.99809	0.99000
C-30	27123	97230	261700	623950	1160400	LINR	1.36027642	1.69e-004	0.99729	0.99000
C-32	25969	97282	260080	622390	1154300	LINR	1.37465144	1.698e-004	0.99717	0.99000
C-34	26440	99633	267430	634160	1174100	LINR	1.23109284	1.67e-004	0.99724	0.99000
C-36	24879	95171	255350	595100	1102400	LINR	0.99828701	1.78e-004	0.99750	0.99000
O-Terphenyl	4962.60	5275.40	5587.80	6177.90	6081.90	AVRG		5617.11600	9.235	40.000
n-Triacontane-D62	4447.00	4275.70	4646.20	5276.00	5255.20	AVRG		4780.02933	9.672	40.000

FORM VI FL-PRO

Report Date : 12-Apr-2007 09:30

Katahdin Analytical Services

INITIAL CALIBRATION DATA

Start Cal Date : 05-APR-2007 17:28
End Cal Date : 05-APR-2007 22:29
Quant Method : ESTD
Origin : Included
Target Version : 4.12
Integrator : HP Genie
Method file : \\Target_server\GG\chem\gc12.i\GC12AD05A1.b\flpa012a.m
Cal Date : 09-Apr-2007 11:40 trollins

Calibration File Names:
Level 1: \\Target_server\GG\chem\gc12.i\GC12AD05A1.b\CAD1026.d
Level 2: \\Target_server\GG\chem\gc12.i\GC12AD05A1.b\CAD1025.d
Level 3: \\Target_server\GG\chem\gc12.i\GC12AD05A1.b\CAD1022.d
Level 4: \\Target_server\GG\chem\gc12.i\GC12AD05A1.b\CAD1024.d
Level 5: \\Target_server\GG\chem\gc12.i\GC12AD05A1.b\CAD1023.d

	Compound	5.0000 Level 1	20.0000 Level 2	50.0000 Level 3	100.0000 Level 4	200.0000 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
M	1 FL-PRO peaks C8-C40	472805	1672118	4431396	10404072	19450108	LINR	19.26939	5820		0.99772
	2 C-8	68785	142864	305686	618328	1167454	LINR	-4.04675	5768		0.99868
	3 C-10	22837	95968	257888	599101	1131451	LINR	1.48710	5756		0.99816
	4 C-12	24231	95356	258357	608550	1142469	LINR	1.53293	5820		0.99777
	5 C-14	25245	94459	257284	613568	1152106	LINR	1.68814	5872		0.99757
	6 C-16	25073	94583	258718	620502	1163778	LINR	1.77954	5936		0.99744
S	7 Petroleum Range Organics	472805	1672118	4431396	10404072	19450108	LINR	19.26939	5820		0.99772
	8 C-18	25034	94392	258659	621870	1165947	LINR	1.81691	5949		0.99739
	10 C-20	25536	98504	259380	622241	1164302	LINR	1.55128	5934		0.99745
	11 C-22	25802	96239	262173	629037	1178258	LINR	1.72214	6010		0.99740
	12 C-24	25888	95134	259747	621848	1162553	LINR	1.64312	5930		0.99737
	13 C-26	25738	95668	260576	620917	1155130	LINR	1.47052	5893		0.99730
	14 C-28	28545	96084	261079	621953	1156148	LINR	1.30767	5893		0.99725
	16 C-30	27123	97230	261696	623951	1160406	LINR	1.36028	5917		0.99729
	17 C-32	25969	97282	260084	622391	1154311	LINR	1.37465	5890		0.99717

Katahdin Analytical Services 3000023

Report Date : 12-Apr-2007 09:30

Katahdin Analytical Services

INITIAL CALIBRATION DATA

Start Cal Date : 05-APR-2007 17:28
End Cal Date : 05-APR-2007 22:29
Quant Method : ESTD
Origin : Included
Target Version : 4.12
Integrator : HP Genie
Method file : \\Target_server\GG\chem\gc12.i\GC12AD05A1.b\flpa012a.m
Cal Date : 09-Apr-2007 11:40 trollins

Compound	5.0000 Level 1	20.0000 Level 2	50.0000 Level 3	100.0000 Level 4	200.0000 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
18 C-34	26440	99633	267429	634162	1174105	LINR	1.23109	5989		0.99724
19 C-36	24879	95171	255348	595096	1102428	LINR	0.99829	5618		0.99750
20 C-38	23531	91791	245726	569568	1063858	LINR	1.10496	5414		0.99786
21 C-40	22142	91752	241558	560980	1055396	LINR	1.26841	5367		0.99809
$ 9 O-Terphenyl	4963	5275	5588	6178	6082	AVRG		5617		9.23536
$ 15 n-Triacontane-D62	4447	4276	4646	5276	5255	AVRG		4780		9.67178

Katahdin Analytical Services 3000024

Report Date : 12-Apr-2007 09:30

Katahdin Analytical Services

INITIAL CALIBRATION DATA

Start Cal Date : 05-APR-2007 17:28
End Cal Date : 05-APR-2007 22:29
Quant Method : ESTD
Origin : Included
Target Version : 4.12
Integrator : HP Genie
Method file : \\Target_server\GG\chem\gc12.i\GC12AD05A1.b\flpa012a.m
Cal Date : 09-Apr-2007 11:40 trollins

Curve	Formula	Units
Averaged	Amt = Rsp/ml	Response
Linear	Amt = b + Rsp/ml	Response

Katahdin Analytical Services 3000025

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GC12 Calibration Date: 04/09/07 Time: 1648

Lab File ID: CAD1046 Init. Calib. Date(s): 04/05/07 04/05/07

Init. Calib. Times: 1728 2229

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	51.108000	50.000000	5866.3000	0.01	2.22	25.00	LINR
C-8	50.262000	50.000000	6265.2000	0.01	0.52	25.00	LINR
C-10	50.121000	50.000000	5599.0000	0.01	0.24	25.00	LINR
C-12	50.017000	50.000000	5643.5000	0.01	0.03	25.00	LINR
C-14	49.921000	50.000000	5664.8000	0.01	-0.16	25.00	LINR
C-16	49.949000	50.000000	5718.8000	0.01	-0.10	25.00	LINR
C-18	50.222000	50.000000	5758.9000	0.01	0.44	25.00	LINR
C-28	50.503000	50.000000	5798.6000	0.01	1.01	25.00	LINR
C-20	50.182000	50.000000	5771.3000	0.01	0.36	25.00	LINR
C-22	49.953000	50.000000	5797.0000	0.01	-0.09	25.00	LINR
FL-PRO peaks C8-C40	830.77000	850.00000	5566.8000	0.01	-2.26	25.00	LINR
C-26	50.402000	50.000000	5767.4000	0.01	0.80	25.00	LINR
C-38	42.156000	50.000000	4445.2000	0.01	-15.69	25.00	LINR
C-40	39.361000	50.000000	4089.0000	0.01	-21.28	25.00	LINR
C-30	50.800000	50.000000	5850.2000	0.01	1.60	25.00	LINR
C-32	49.826000	50.000000	5707.3000	0.01	-0.35	25.00	LINR
C-34	49.694000	50.000000	5805.2000	0.01	-0.61	25.00	LINR
C-36	46.290000	50.000000	5088.6000	0.01	-7.42	25.00	LINR
O-Terphenyl	5617.1000	6269.9000	6269.9000	0.01	11.62	25.00	AVRG
n-Triacontane-D62	4780.0000	5018.4000	5018.4000	0.01	4.99	25.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GC12 Calibration Date: 04/06/07 Time: 1331

Lab File ID: CAD1038 Init. Calib. Date(s): 04/05/07 04/05/07

Init. Calib. Times: 1728 2229

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	50.584000	50.000000	5804.1000	0.01	1.17	25.00	LINR
C-8	52.366000	50.000000	6508.0000	0.01	4.73	25.00	LINR
C-10	50.776000	50.000000	5674.4000	0.01	1.55	25.00	LINR
C-12	50.581000	50.000000	5709.2000	0.01	1.16	25.00	LINR
C-14	50.632000	50.000000	5748.4000	0.01	1.26	25.00	LINR
C-16	50.698000	50.000000	5807.7000	0.01	1.40	25.00	LINR
C-18	50.616000	50.000000	5805.8000	0.01	1.23	25.00	LINR
C-28	50.996000	50.000000	5856.7000	0.01	1.99	25.00	LINR
C-20	50.620000	50.000000	5823.4000	0.01	1.24	25.00	LINR
C-22	50.643000	50.000000	5879.9000	0.01	1.29	25.00	LINR
FL-PRO peaks C8-C40	872.25000	850.00000	5837.0000	0.01	2.62	25.00	LINR
C-26	51.000000	50.000000	5837.9000	0.01	2.00	25.00	LINR
C-38	53.442000	50.000000	5667.4000	0.01	6.88	25.00	LINR
C-40	53.801000	50.000000	5639.0000	0.01	7.60	25.00	LINR
C-30	50.965000	50.000000	5869.8000	0.01	1.93	25.00	LINR
C-32	50.750000	50.000000	5816.1000	0.01	1.50	25.00	LINR
C-34	51.309000	50.000000	5998.7000	0.01	2.62	25.00	LINR
C-36	52.468000	50.000000	5782.6000	0.01	4.94	25.00	LINR
O-Terphenyl	5617.1000	6148.1000	6148.1000	0.01	9.45	25.00	AVRG
n-Triacontane-D62	4780.0000	5180.6000	5180.6000	0.01	8.38	25.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GC12 Calibration Date: 04/11/07 Time: 1030

Lab File ID: CAD1078 Init. Calib. Date(s): 04/05/07 04/05/07

Init. Calib. Times: 1728 2229

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	46.762000	50.000000	5350.8000	0.01	-6.48	25.00	LINR
C-8	46.922000	50.000000	5880.0000	0.01	-6.16	25.00	LINR
C-10	46.690000	50.000000	5204.1000	0.01	-6.62	25.00	LINR
C-12	46.594000	50.000000	5245.2000	0.01	-6.81	25.00	LINR
C-14	46.476000	50.000000	5260.3000	0.01	-7.05	25.00	LINR
C-16	46.400000	50.000000	5297.4000	0.01	-7.20	25.00	LINR
C-18	46.354000	50.000000	5298.8000	0.01	-7.29	25.00	LINR
C-28	47.580000	50.000000	5454.1000	0.01	-4.84	25.00	LINR
C-20	44.145000	50.000000	5054.9000	0.01	-11.71	25.00	LINR
C-22	47.697000	50.000000	5525.8000	0.01	-4.61	25.00	LINR
FL-PRO peaks C8-C40	791.47000	850.00000	5287.7000	0.01	-6.88	25.00	LINR
C-26	46.830000	50.000000	5346.5000	0.01	-6.34	25.00	LINR
C-38	46.147000	50.000000	4877.5000	0.01	-7.71	25.00	LINR
C-40	46.121000	50.000000	4814.6000	0.01	-7.76	25.00	LINR
C-30	46.856000	50.000000	5383.6000	0.01	-6.29	25.00	LINR
C-32	47.036000	50.000000	5378.5000	0.01	-5.93	25.00	LINR
C-34	46.621000	50.000000	5437.2000	0.01	-6.76	25.00	LINR
C-36	46.234000	50.000000	5082.3000	0.01	-7.53	25.00	LINR
O-Terphenyl	5617.1000	5797.2000	5797.2000	0.01	3.21	25.00	AVRG
n-Triacontane-D62	4780.0000	4631.8000	4631.8000	0.01	-3.10	25.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 0003 NAS JACKSONVILLE SDG No.: SA1374

Instrument ID: GC12 Calibration Date: 04/12/07 Time: 0129

Lab File ID: CAD1090 Init. Calib. Date(s): 04/05/07 04/05/07

Init. Calib. Times: 1728 2229

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	49.085000	50.000000	5626.4000	0.01	-1.83	25.00	LINR
C-8	46.975000	50.000000	5886.0000	0.01	-6.05	25.00	LINR
C-10	49.134000	50.000000	5485.4000	0.01	-1.73	25.00	LINR
C-12	49.056000	50.000000	5531.7000	0.01	-1.89	25.00	LINR
C-14	48.818000	50.000000	5535.3000	0.01	-2.36	25.00	LINR
C-16	48.815000	50.000000	5584.2000	0.01	-2.37	25.00	LINR
C-18	48.809000	50.000000	5590.8000	0.01	-2.38	25.00	LINR
C-28	49.630000	50.000000	5695.7000	0.01	-0.74	25.00	LINR
C-20	48.850000	50.000000	5613.3000	0.01	-2.30	25.00	LINR
C-22	48.952000	50.000000	5676.6000	0.01	-2.10	25.00	LINR
FL-PRO peaks C8-C40	828.27000	850.00000	5540.4000	0.01	-2.56	25.00	LINR
C-26	49.050000	50.000000	5608.1000	0.01	-1.90	25.00	LINR
C-38	48.233000	50.000000	5103.3000	0.01	-3.53	25.00	LINR
C-40	47.724000	50.000000	4986.7000	0.01	-4.55	25.00	LINR
C-30	49.073000	50.000000	5645.9000	0.01	-1.85	25.00	LINR
C-32	49.016000	50.000000	5611.8000	0.01	-1.97	25.00	LINR
C-34	48.644000	50.000000	5679.4000	0.01	-2.71	25.00	LINR
C-36	48.404000	50.000000	5326.1000	0.01	-3.19	25.00	LINR
O-Terphenyl	5617.1000	6127.9000	6127.9000	0.01	9.09	25.00	AVRG
n-Triacontane-D62	4780.0000	4913.3000	4913.3000	0.01	2.79	25.00	AVRG

FORM VII PEST

Logbooks and Supporting Documents

Katahdin Analytical Services, Inc.
Instrument: GC12 (FID)
Amount Injected 1ul

Reviewed by/ Date:

GC Laboratory Instrument Runlog

Method (circle): EPH(MADEP) / FL PRO

DRO/TPH - 8015Mod. / MDEP 4.1.25 / 8100Mod

Date	Init.	Result File	Sample ID	Y/N	Method	Column	Comments
4/6/07	HC	CAD1020	Thermal Blood	Y	FLPA012A	282	
		021	MeCl2	N			
		022	FL PRO 50ug/ml H1611	Y			
		023	200 H1609				
		024	100 H1610				
		025	20 H1612				
		026	5 H1613				
		027	IND50 H1567	N			old mix, remake
4/6/07		028	MeCl2	N			
		029	WG37547-1 3550	Y			
		030	-2				
		031	-3				range, OTP
		032	SA1351-2 1:1.5	N			OTP (R) 1:1
		033	-22	Y			
		034	-23				
		035	SA1374-1				
		036	MeCl2	N			
		037	Thermal Blood	Y			
		038	FL PRO 50ug/ml H1611				
	TR	039	WG37445-1RA 3550				OTP
		040	-2RA				no file 41
4/9/07	TR	042	Thermal Blood	N			
		043					
		044		Y			
		045	FL PRO 50ug/ml H1621				
		046	IND50 H1618				
		047	SA1351-1RA 3550				
		048	-2RA				OTP
		049	-3				
		050	-5	N			(R) 1:2

Katahdin Analytical Services, Inc.
Instrument: GC12 (FID)
Amount Injected 1ul

GC Laboratory Instrument Runlog

Method (circle): EPH(MADEP) / FL PRO

Reviewed by/ Date:

DRO/TPH - 8015Mod. / MDEP 4.1.25 / 8100Mod

Date	Init.	Result File	Sample ID	Y/N	Method	Column	Comments
4/9/07	TR	CAD 1051	SA1351-6 3550	N	FLPA012A	282	R? carryover
4/10/07		052	WG37445-3RA	Y			
		053	-4RA TR 4/10/07				OTP, n-Tridec ↑
		054	SA1351-4DL 1:2				150/300 OTP↑
		055	-13DL	N			150/300 R 1:10
		056	-12DL 1:5				150/300 R 1:30
		057	MeCl2				
		058	Thermal Blood	Y			
		059	FL PRO 50ug/mL H1621				sid liner
		060	Thermal Blood	N			
		061					
		062		Y			
		063	FL PRO 50ug/mL H1621				
		064	SA1351-18 3550				
		065	-19				
		066	-20				
		067	-16				
		068	-17DL 1:2	N			150/300 R 1:100
		069	-5DL 1:2	Y			
4/11/07		070	-6RA				
		071	-13DL2 1:10				100/1000
		072	-12DL2 1:30				100/1000, 100/300
		073	-21				
		074	MeCl2	N			
		075	Thermal Blood	Y			
		076	FL PRO 50ug/mL H1621				
		077	SA1351-17DL2 1:100 3550				100/1000, 100/1000
		078	FL PRO 50ug/mL H1621				
		079	WG37169-1RA 3550	Y			both surr↑
		080	-2RA				OTP↑

Katahdin Analytical Services, Inc.
Instrument: GC12 (FID)
Amount Injected 1ul

Reviewed by/ Date:

GC Laboratory Instrument Runlog

Method (circle): EPH(MADEP) / FL PRO

DRO/TPH - 8015Mod. / MDEP 4.1.25 / 8100Mod

Date	Init.	Result File	Sample ID	Y/N	Method	Column	Comments
4/11/07	TR	CAD1081	SA1374-3RA 3550	Y	FLPA012A	282	
		082	-4RA				
		083	-6RE RA				
		084	-7RA				
		085	-8RA				
		086	-2DL 1:10				OTPT
		087	-5DL 1:50				100/1000 100/1000 100/500
		088	MeCl2	N			
4/12/07		089	Thermal Bleed	Y			
		090	FL PRO 50ug/mL 411621				

QAGC168

0000004

Fl-Pro SON

Katahdin Analytical Services, Inc.
QC Prep Extraction Log

Protocol: SW846

Analysis: FUEL OILS

Date QC Started: 4-4-07

QC Expiration Date: 4-18-07

QC Batch ID:

SURROGATE ID: GC0399

Analytical Method: SW846/8015M/ME 4.1.25

Extraction Technique: SONIC 3550 / SOX 3540 / ASE 3545

Matrix: SOLID

SPIKE ID: GC0398

CLEAN-UP: GC screen, GPC, Florosil, Acid Wash, Other:

Solvent Lot # $MeCl_2$ E06468

Solvent Lot #

Sonicator Horns Tuned: ≤20%

Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Init.	Comments
Blank-1	4-4-07	GN	W637547-1	30 g	2.0 mL	NR	2mL	4-4-07	FL31 C5	KF	R62117
LCS-1			-2			2.0 mL			C6		
MS			-3						C7		
MSD											
Blank-2											
LCS-2											
Blank-3											
LCS-3											
Blank-4											
LCS-4											
Blank-5											
LCS-5											
Blank-6											
LCS-6											

QAEX128

000006

Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Init.	Comments
1	4-4-07	GN	SA13512-1	30 g	2.0 mL	NR	2mL	4-4-07	FL31 C8	KF	
2			-22						C9		
3			-23						C10		
4			SA1374-1						D1		
5			-2						D2		
6			-3						D3		
7			-4						D4		
8			-5						D5		
9			-6						—		sample ~~left~~ dropped during transfer to test vial
10			-7						D6		
11			-8						D7		
12											
13											
14											
15											
16											
17											
18											
19											
20											

Reviewed By: _____

QAEX128

000006

F1 Pro SON

Katahdin Analytical Services, Inc.
Organics Extraction Log

Protocol: SW846

Analysis: FUEL OILS

Date QC Started: 4-6-07

QC Expiration Date: 4-20-07

QC Batch ID:

SURROGATE ID: ~~660599~~ + km 4-6-07
660408 o

Analytical Method: SW846 8015M/ME 4.1.25

Extraction Technique: SONIC 3550
SOX 3540
ASE 3545

Matrix: SOLID

SPIKE ID: 660398 ☐

CLEAN-UP: GC screen, GPC, Florosil, Acid Wash, Other:

Sonicator Horns Tuned: <20%

Solvent Lot # MeCl2 C49E79

Solvent Lot #

Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Init.	Comments
Blank-1	4-6-07	Km	W637669-1	30g	2ml	NR	2ml	4-9-07	~~F27~~ F31 D8	GN	Spilled some, v.vled to 1 ~~km~~ o R62234
LCS-1	↓	↓	↓ -2	↓	↓	2ml	↓	↓	D9	↓	↓ ☐
MS	↓	↓	↓ -3	↓	↓	↓		Km 4-6-07			o
MSD											
Blank-2											
LCS-2											
Blank-3											
LCS-3											
Blank-4											
LCS-4											
Blank-5											
LCS-5											
Blank-6											
LCS-6											

QAEX128

000006

Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Init.	Comments
1	4-6-07	Km	S741374-6	30g	2ml	NR	2ml	4-9-07	F31 D10	GN	o RE
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											

Reviewed By:

QAEX128

000007

CONVENTIONAL AND PHYSICAL ANALYTICAL DATA

QC Summary Section

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Quality Control Report

Blank Sample Summary Report

Total Solids

Samp Type	QC Batch	Anal. Method	Anal. Date	Prep. Date	Result	PQL
MBLANK	WG37570	CLP SOW 788	04-APR-07	03-APR-07	U 1 %	1 %

600 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Quality Control Report

Laboratory Control Sample Summary Report

Total Solids

Lab Sample Id	Samp Type	QC Batch	Analysis Date	Prep Date	Units	Spike Amt.	Result	Recovery	Acceptance Range	RPD
WG37570-2	LCS	WG37570	04-APR-07	03-APR-07	%	90	90.	100	80-120	

600 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
Katahdin@katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Quality Control Report

Duplicate Sample Summary Report

Total Solids

Duplicate Sample ID	Original Sample ID	QC Batch	Analysis Date	Result Units	Sample Result	Duplicate Result	RPD(%)	RPD Limit
WG37570-4	SA1374-4	WG37570	04-APR-07	%	88.	88.	0	20

600 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

Sample Data Section

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1374-1
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1374

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB104-03	SL	29-MAR-07	30-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	92. %	1	CLP SOW 788	WG37570	04-APR-07 09:37:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1374-2
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1374

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB105-01	SL	29-MAR-07	30-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	94. %	1	CLP SOW 788	WG37570	04-APR-07 09:38:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1374-3
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1374

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB106-03	SL	29-MAR-07	30-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	86. %	1	CLP SOW 788	WG37570	04-APR-07 09:39:00	CLP SOW 788	03-APR-07	JF	

600 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
sales@katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1374-4
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1374

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB107-03	SL	29-MAR-07	30-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	88. %	1	CLP SOW 788	WG37570	04-APR-07 09:40:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1374-5
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1374

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB80-03	SL	29-MAR-07	30-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	92. %	1	CLP SOW 788	WG37570	04-APR-07 09:42:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1374-6
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1374

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB108-03	SL	29-MAR-07	30-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	93. %	1	CLP SOW 788	WG37570	04-APR-07 09:43:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1374-7
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1374

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB109-03	SL	29-MAR-07	30-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	93. %	1	CLP SOW 788	WG37570	04-APR-07 09:44:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1374-8
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1374

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB110-03	SL	29-MAR-07	30-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	90. %	1	CLP SOW 788	WG37570	04-APR-07 09:45:00	CLP SOW 788	03-APR-07	JF	

Raw Data Section

TOTAL SOLIDS BATCH REPORT
Apr 04 2007, 11:33 am
Batch: WG37570

Sample	Matrix	Type	Batch	Prep Date	Tare	Initial	Final	by	Date	Raw TS	Rep TS	Recovery	RPD
SA1351-19	SL	SAMP	WG37570	03-APR-07	.992 g	6.363 g	5.983 g	JF	04-APR-07	92.9250	93. %		
SA1351-20	SL	SAMP	WG37570	03-APR-07	1.017 g	7.389 g	6.67 g	JF	04-APR-07	88.7160	89. %		
SA1351-21	SL	SAMP	WG37570	03-APR-07	.993 g	6.856 g	6.462 g	JF	04-APR-07	93.2800	93. %		
SA1351-22	SL	SAMP	WG37570	03-APR-07	1.013 g	6.535 g	5.958 g	JF	04-APR-07	89.5510	90. %		
SA1351-23	SL	SAMP	WG37570	03-APR-07	1.015 g	8.16 g	7.62 g	JF	04-APR-07	92.4420	92. %		
SA1374-1	SL	SAMP	WG37570	03-APR-07	1.005 g	8.483 g	7.865 g	JF	04-APR-07	91.7360	92. %		
SA1374-2	SL	SAMP	WG37570	03-APR-07	.998 g	8.355 g	7.892 g	JF	04-APR-07	93.7070	94. %		
SA1374-3	SL	SAMP	WG37570	03-APR-07	.998 g	8.25 g	7.237 g	JF	04-APR-07	86.0310	86. %		
SA1374-4	SL	SAMP	WG37570	03-APR-07	.994 g	11.848 g	10.59 g	JF	04-APR-07	88.4100	88. %		
SA1374-5	SL	SAMP	WG37570	03-APR-07	1.032 g	5.85 g	5.452 g	JF	04-APR-07	91.7390	92. %		
SA1374-6	SL	SAMP	WG37570	03-APR-07	1.013 g	7.059 g	6.652 g	JF	04-APR-07	93.2680	93. %		
SA1374-7	SL	SAMP	WG37570	03-APR-07	1.011 g	9.135 g	8.549 g	JF	04-APR-07	92.7870	93. %		
SA1374-8	SL	SAMP	WG37570	03-APR-07	1.013 g	7.987 g	7.256 g	JF	04-APR-07	89.5180	90. %		
SA1405-1	SL	SAMP	WG37570	03-APR-07	1.046 g	7.358 g	3.322 g	JF	04-APR-07	36.0580	36. %		
WG37570-1	SL	MBLANK	WG37570	03-APR-07	.995 g	.995 g	.995 g	JF	04-APR-07	0.0000	1 %		
WG37570-2	SL	LCS	WG37570	03-APR-07	1.013 g	6.007 g	5.517 g	JF	04-APR-07	90.1880	90. %	100	
WG37570-3	SL	DUP	WG37570	03-APR-07	.988 g	6.345 g	5.931 g	JF	04-APR-07	92.2720	92. %		1
WG37570-4	SL	DUP	WG37570	03-APR-07	1.021 g	11.812 g	10.56 g	JF	04-APR-07	88.3980	88. %		0

Comments:

WG37570-1	SA1351-19
WG37570-2	SA1351-19
WG37570-3	SA1351-19
WG37570-4	SA1374-4

Entered by: _____ Date: 4-4-07 Accepted by: _____ Date: 04/04/07

Katahdin Analytical Services 5000016

KATAHDIN ANALYTICAL SERVICES, INC.

WG 37570 R 62121

TOTAL SOLIDS: CLP SOW 788	PQL: 0.10% ___	ASTM CLASS 1 WEIGHTS SA & TOL VI Bro	
TOTAL VOLATILE SOLIDS: EPA 160.4	PQL: 0.10% ___		
ANALYST IN:	ANALYST OUT:		
DATE IN: 4-3-07	DATE OUT: 4-4-07		
TIME IN: 1410	TIME OUT: 750		
TEMP IN: 103	TEMP OUT: 103		
CHECKED BY:	DATE: 04/04/07		

TRUE WT (g)	INITIAL WT (g)	FINAL WT (g)
2.0000	2.000	2.000
5.0000	5.000	5.000
10.0000	10.000	10.002
100.0000		

SAMPLE ID	DISH ID 43071	DISH WT (g)	DISH WET WT (g)	DISH DRY WT (g)	DISH/ASH WT (g)	TIME
WG37570-1 Bulk	25	0.995	0.995	0.995		928
-2 Lot	26	1.013	6.007	5.517		929
SA1357 -19E	27	0.992	6.363	5.983		930
WG37570-3 Dup -19E	28	0.988	6.345	5.931		931
-20E	29	1.017	7.389	6.670		932
-21E	30	0.993	6.556	6.462		933
-22E	31	1.013	6.535	~~5.955~~ 5.958		934
-23E	32	1.015	8.160	7.620		935
SA1405-1A	33	1.046	7.358	3.322		936
SA1374-1E	34	1.005	8.483	7.865		937
-2E	35	0.998	8.305	7.892		938
-3E	36	0.998	8.250	7.237		939
-4E	37	0.994	11.848	10.590		940
WG37570-4 Dup -4E	38	1.021	11.872	10.560		941
-5E	39	1.032	5.850	5.452		942
-6E	40	1.013	7.059	6.652	90	943
-7E	41	1.011	9.135	8.549	944	944
-8E	42	1.013	7.987	7.266	945	945

QAWL437

Katahdin Analytical Services 5000017

0000060

HOLDTIME

SDG SA1374

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
TS	%	JAX25-SB110-03	SA1374-8	NM	3/29/2007	4/3/2007	4/4/2007	5	1	6
TS	%	JAX25-SB109-03	SA1374-7	NM	3/29/2007	4/3/2007	4/4/2007	5	1	6
TS	%	JAX25-SB108-03	SA1374-6	NM	3/29/2007	4/3/2007	4/4/2007	5	1	6
TS	%	JAX25-SB107-03	SA1374-4	NM	3/29/2007	4/3/2007	4/4/2007	5	1	6
TS	%	JAX25-SB106-03	SA1374-3	NM	3/29/2007	4/3/2007	4/4/2007	5	1	6
TS	%	JAX25-SB105-01	SA1374-2	NM	3/29/2007	4/3/2007	4/4/2007	5	1	6
TS	%	JAX25-SB104-03	SA1374-1	NM	3/29/2007	4/3/2007	4/4/2007	5	1	6
TS	%	JAX25-SB80-03	SA1374-5	NM	3/29/2007	4/3/2007	4/4/2007	5	1	6
OS	%	JAX25-SB106-03	SA1374-3	NM	3/29/2007	4/4/2007	4/10/2007	6	6	12
OS	%	JAX25-SB104-03	SA1374-1	NM	3/29/2007	4/3/2007	4/10/2007	5	7	12
OS	%	JAX25-SB80-03DL2	SA1374-5DL2	NM	3/29/2007	4/4/2007	4/11/2007	6	7	13
OS	%	JAX25-SB80-03DL	SA1374-5DL	NM	3/29/2007	4/4/2007	4/11/2007	6	7	13
OS	%	JAX25-SB110-03	SA1374-8	NM	3/29/2007	4/4/2007	4/10/2007	6	6	12
OS	%	JAX25-SB109-03	SA1374-7	NM	3/29/2007	4/4/2007	4/10/2007	6	6	12
OS	%	JAX25-SB107-03	SA1374-4	NM	3/29/2007	4/4/2007	4/10/2007	6	6	12

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	%	JAX25-SB105-01DL	SA1374-2DL	NM	3/29/2007	4/4/2007	4/12/2007	6	8	14
OS	%	JAX25-SB105-01	SA1374-2	NM	3/29/2007	4/4/2007	4/10/2007	6	6	12
OS	%	JAX25-SB108-03	SA1374-6	NM	3/29/2007	4/4/2007	4/10/2007	6	6	12
OS	UG/KG	JAX25-SB109-03	SA1374-7	NM	3/29/2007	4/4/2007	4/10/2007	6	6	12
OS	UG/KG	JAX25-SB105-01DL	SA1374-2DL	NM	3/29/2007	4/4/2007	4/12/2007	6	8	14
OS	UG/KG	JAX25-SB80-03DL2	SA1374-5DL2	NM	3/29/2007	4/4/2007	4/11/2007	6	7	13
OS	UG/KG	JAX25-SB80-03DL	SA1374-5DL	NM	3/29/2007	4/4/2007	4/11/2007	6	7	13
OS	UG/KG	JAX25-SB110-03	SA1374-8	NM	3/29/2007	4/4/2007	4/10/2007	6	6	12
OS	UG/KG	JAX25-SB105-01	SA1374-2	NM	3/29/2007	4/4/2007	4/10/2007	6	6	12
OS	UG/KG	JAX25-SB106-03	SA1374-3	NM	3/29/2007	4/4/2007	4/10/2007	6	6	12
OS	UG/KG	JAX25-SB104-03	SA1374-1	NM	3/29/2007	4/3/2007	4/10/2007	5	7	12
OS	UG/KG	JAX25-SB108-03	SA1374-6	NM	3/29/2007	4/4/2007	4/10/2007	6	6	12
OS	UG/KG	JAX25-SB107-03	SA1374-4	NM	3/29/2007	4/4/2007	4/10/2007	6	6	12
OV	%	JAX25-SB80-03	SA1374-5	NM	3/29/2007	4/2/2007	4/2/2007	4	0	4
OV	%	JAX25-SB80-03DL	SA1374-5DL	NM	3/29/2007	4/5/2007	4/5/2007	7	0	7
OV	%	JAX25-SB80-03RA	SA1374-5RA	NM	3/29/2007	4/4/2007	4/4/2007	6	0	6
OV	%	TRIP BLANK	SA1374-9	NM	2/12/2007	4/4/2007	4/4/2007	51	0	51
OV	%	JAX25-SB109-03RA	SA1374-7RA	NM	3/29/2007	4/4/2007	4/4/2007	6	0	6

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	%	JAX25-SB107-03	SA1374-4	NM	3/29/2007	4/2/2007	4/2/2007	4	0	4
OV	%	JAX25-SB106-03	SA1374-3	NM	3/29/2007	4/2/2007	4/2/2007	4	0	4
OV	%	JAX25-SB105-01	SA1374-2	NM	3/29/2007	4/2/2007	4/2/2007	4	0	4
OV	%	JAX25-SB104-03	SA1374-1	NM	3/29/2007	4/2/2007	4/2/2007	4	0	4
OV	%	JAX25-SB110-03	SA1374-8	NM	3/29/2007	4/2/2007	4/2/2007	4	0	4
OV	%	JAX25-SB108-03	SA1374-6	NM	3/29/2007	4/2/2007	4/2/2007	4	0	4
OV	UG/KG	JAX25-SB106-03	SA1374-3	NM	3/29/2007	4/2/2007	4/2/2007	4	0	4
OV	UG/KG	JAX25-SB107-03	SA1374-4	NM	3/29/2007	4/2/2007	4/2/2007	4	0	4
OV	UG/KG	JAX25-SB108-03	SA1374-6	NM	3/29/2007	4/2/2007	4/2/2007	4	0	4
OV	UG/KG	JAX25-SB109-03RA	SA1374-7RA	NM	3/29/2007	4/4/2007	4/4/2007	6	0	6
OV	UG/KG	JAX25-SB110-03	SA1374-8	NM	3/29/2007	4/2/2007	4/2/2007	4	0	4
OV	UG/KG	JAX25-SB80-03	SA1374-5	NM	3/29/2007	4/2/2007	4/2/2007	4	0	4
OV	UG/KG	JAX25-SB80-03DL	SA1374-5DL	NM	3/29/2007	4/5/2007	4/5/2007	7	0	7
OV	UG/KG	JAX25-SB80-03RA	SA1374-5RA	NM	3/29/2007	4/4/2007	4/4/2007	6	0	6
OV	UG/KG	JAX25-SB104-03	SA1374-1	NM	3/29/2007	4/2/2007	4/2/2007	4	0	4
OV	UG/KG	JAX25-SB105-01	SA1374-2	NM	3/29/2007	4/2/2007	4/2/2007	4	0	4
OV	UG/L	TRIP BLANK	SA1374-9	NM	2/12/2007	4/4/2007	4/4/2007	51	0	51
TPH	%	JAX25-SB107-03RA	SA1374-4RA	NM	3/29/2007	4/4/2007	4/11/2007	6	7	13

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
TPH	%	JAX25-SB80-03DL	SA1374-5DL	NM	3/29/2007	4/4/2007	4/11/2007	6	7	13
TPH	%	JAX25-SB110-03RA	SA1374-8RA	NM	3/29/2007	4/4/2007	4/11/2007	6	7	13
TPH	%	JAX25-SB108-03RERA	SA1374-6RERA	NM	3/29/2007	4/6/2007	4/11/2007	8	5	13
TPH	%	JAX25-SB106-03RA	SA1374-3RA	NM	3/29/2007	4/4/2007	4/11/2007	6	7	13
TPH	%	JAX25-SB105-01DL2	SA1374-2DL2	NM	3/29/2007	4/4/2007	4/11/2007	6	7	13
TPH	%	JAX25-SB104-03	SA1374-1	NM	3/29/2007	4/4/2007	4/6/2007	6	2	8
TPH	%	JAX25-SB109-03RA	SA1374-7RA	NM	3/29/2007	4/4/2007	4/11/2007	6	7	13
TPH	MG/KG	JAX25-SB104-03	SA1374-1	NM	3/29/2007	4/4/2007	4/6/2007	6	2	8
TPH	MG/KG	JAX25-SB105-01DL2	SA1374-2DL2	NM	3/29/2007	4/4/2007	4/11/2007	6	7	13
TPH	MG/KG	JAX25-SB106-03RA	SA1374-3RA	NM	3/29/2007	4/4/2007	4/11/2007	6	7	13
TPH	MG/KG	JAX25-SB107-03RA	SA1374-4RA	NM	3/29/2007	4/4/2007	4/11/2007	6	7	13
TPH	MG/KG	JAX25-SB108-03RERA	SA1374-6RERA	NM	3/29/2007	4/6/2007	4/11/2007	8	5	13
TPH	MG/KG	JAX25-SB109-03RA	SA1374-7RA	NM	3/29/2007	4/4/2007	4/11/2007	6	7	13
TPH	MG/KG	JAX25-SB110-03RA	SA1374-8RA	NM	3/29/2007	4/4/2007	4/11/2007	6	7	13
TPH	MG/KG	JAX25-SB80-03DL	SA1374-5DL	NM	3/29/2007	4/4/2007	4/11/2007	6	7	13

SA1374

TETRA TECH NUS, INC. | **CHAIN OF CUSTODY** | **NUMBER** | **PAGE** 1 **OF** 1

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
112G00132	PCA2S-NASJAX	Mark Peterson	904-636-6125	Katahdin Analytical
SAMPLERS (SIGNATURE)		**FIELD OPERATIONS LEADER**	**PHONE NUMBER**	**ADDRESS**
Chuck M [illegible]		Chuck Metz	904-636-6125	
		CARRIER/WAYBILL NUMBER		**CITY, STATE** ME

STANDARD TAT ☒ 21 Day
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G)
PRESERVATIVE USED

DATE YEAR 2007	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAP (G) COMP (C)	No. OF CONTAINERS	8260B +MTBE	8270C Sim	FL PRO						COMMENTS
3-29	1200	JAX25-SB104-03		2.5	3	SO	G	5	x	x	x						
	1220	SB105-01		0.5	1			5	✓	✓	✓						
	1240	SB106-03		2.5	3			5	✓	✓	✓						PO #
	1255	SB107-03		2.5	3			5	✓	✓	✓						
	1305	SB80-03		2.5	3			5	✓	✓	✓						
		~~[illegible]~~															
	1315	SB108-03		2.5	3			5	✓	✓	✓						
	1325	SB109-03		2.5	3			5	✓	✓	✓						
✓	1335	SB110-03		2.5	3	✓	✓	5	✓	✓	✓						
1230	1115	✓ Trip Blank				QC		2	✓								* Trip Blank
																	Cooled to 4°C
																	on Ice

1. RELINQUISHED BY Chuck M [illegible]	DATE 3-29-07	TIME 1600	1. RECEIVED BY [illegible]	DATE 033007	TIME 1000
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME
COMMENTS					

000005

PROJ_NO: 00132

SDG: SA1374 MEDIA: WATER DATA FRACTION: OV

nsample	TRIP BLANK-03292007
samp_date	2/12/2007
lab_id	SA1374-9
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZENE	0.5	U	
ETHYLBENZENE	0.3	U	
M+P-XYLENES	1	U	
METHYL TERT-BUTYL ETHER	0.5	U	
O-XYLENE	0.4	U	
TOLUENE	0.4	U	
TOTAL XYLENES	1	U	

PROJ_NO: 00132

SDG: SA1374 MEDIA: SOIL DATA FRACTION: OV

nsample	JAX25-SB104-03	nsample	JAX25-SB105-01	nsample	JAX25-SB106-03
samp_date	3/29/2007	samp_date	3/29/2007	samp_date	3/29/2007
lab_id	SA1374-1	lab_id	SA1374-2	lab_id	SA1374-3
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	91.7	Pct_Solids	93.7	Pct_Solids	86.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZENE	1	U	
ETHYLBENZENE	0.9	U	
M+P-XYLENES	4	U	
METHYL TERT-BUTYL ETHER	2	U	
O-XYLENE	2	U	
TOLUENE	2	U	
TOTAL XYLENES	6	U	

Parameter	Result	Val Qual	Qual Code
BENZENE	1	U	
ETHYLBENZENE	0.9	U	
M+P-XYLENES	4	U	
METHYL TERT-BUTYL ETHER	2	U	
O-XYLENE	2	U	
TOLUENE	2	U	
TOTAL XYLENES	6	U	

Parameter	Result	Val Qual	Qual Code
BENZENE	1	U	
ETHYLBENZENE	1	U	
M+P-XYLENES	5	U	
METHYL TERT-BUTYL ETHER	2	U	
O-XYLENE	2	U	
TOLUENE	2	U	
TOTAL XYLENES	7	U	

PROJ_NO: 00132

SDG: SA1374 MEDIA: SOIL DATA FRACTION: OV

nsample	JAX25-SB107-03	nsample	JAX25-SB108-03	nsample	JAX25-SB109-03RA
samp_date	3/29/2007	samp_date	3/29/2007	samp_date	3/29/2007
lab_id	SA1374-4	lab_id	SA1374-6	lab_id	SA1374-7RA
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	88.4	Pct_Solids	93.3	Pct_Solids	92.8
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZENE	1	U	
ETHYLBENZENE	0.8	U	
M+P-XYLENES	4	U	
METHYL TERT-BUTYL ETHER	2	U	
O-XYLENE	2	U	
TOLUENE	2	U	
TOTAL XYLENES	6	U	

Parameter	Result	Val Qual	Qual Code
BENZENE	1	U	
ETHYLBENZENE	0.9	U	
M+P-XYLENES	4	U	
METHYL TERT-BUTYL ETHER	2	U	
O-XYLENE	2	U	
TOLUENE	2	U	
TOTAL XYLENES	6	U	

Parameter	Result	Val Qual	Qual Code
BENZENE	1	U	
ETHYLBENZENE	0.8	U	
M+P-XYLENES	4	U	
METHYL TERT-BUTYL ETHER	2	U	
O-XYLENE	2	U	
TOLUENE	2	U	
TOTAL XYLENES	6	U	

PROJ_NO: 00132

SDG: SA1374 MEDIA: SOIL DATA FRACTION: OV

nsample	JAX25-SB110-03	nsample	JAX25-SB80-03DL
samp_date	3/29/2007	samp_date	3/29/2007
lab_id	SA1374-8	lab_id	SA1374-5DL
qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG
Pct_Solids	89.5	Pct_Solids	91.7
DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZENE	0.9	U	
ETHYLBENZENE	0.8	U	
M+P-XYLENES	4	U	
METHYL TERT-BUTYL ETHER	2	U	
O-XYLENE	2	U	
TOLUENE	2	U	
TOTAL XYLENES	5	U	

Parameter	Result	Val Qual	Qual Code
BENZENE	2800	U	
ETHYLBENZENE	3600	J	P
M+P-XYLENES	12000	U	
METHYL TERT-BUTYL ETHER	5200	U	
O-XYLENE	4700	U	
TOLUENE	5700	U	
TOTAL XYLENES	16000	U	

PROJ_NO: 00132

SDG: SA1374 MEDIA: SOIL DATA FRACTION: PAH

nsample	JAX25-SB104-03	nsample	JAX25-SB105-01	nsample	JAX25-SB105-01DL
samp_date	3/29/2007	samp_date	3/29/2007	samp_date	3/29/2007
lab_id	SA1374-1	lab_id	SA1374-2	lab_id	SA1374-2DL
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	91.7	Pct_Solids	93.7	Pct_Solids	93.7
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	10	U	
2-METHYLNAPHTHALENE	8	U	
ACENAPHTHENE	6	U	
ACENAPHTHYLENE	2	U	
ANTHRACENE	4	U	
BENZO(A)ANTHRACENE	3	U	
BENZO(A)PYRENE	3	U	
BENZO(B)FLUORANTHENE	3	U	
BENZO(G,H,I)PERYLENE	3	U	
BENZO(K)FLUORANTHENE	3	U	
CHRYSENE	3	U	
DIBENZO(A,H)ANTHRACENE	4	U	
FLUORANTHENE	4	U	
FLUORENE	3	U	
INDENO(1,2,3-CD)PYRENE	5	U	
NAPHTHALENE	3	U	
PHENANTHRENE	3	U	
PYRENE	3	U	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	47		
2-METHYLNAPHTHALENE	22		
ACENAPHTHYLENE	2	U	
ANTHRACENE	24		
DIBENZO(A,H)ANTHRACENE	51		
FLUORENE	61		
INDENO(1,2,3-CD)PYRENE	140		
NAPHTHALENE	10	J	P
PHENANTHRENE	100		

Parameter	Result	Val Qual	Qual Code
ACENAPHTHENE	260		
BENZO(A)ANTHRACENE	420		
BENZO(A)PYRENE	240		
BENZO(B)FLUORANTHENE	340		
BENZO(G,H,I)PERYLENE	210		
BENZO(K)FLUORANTHENE	140		
CHRYSENE	380		
FLUORANTHENE	460		
PYRENE	400		

PROJ_NO: 00132

SDG: SA1374 MEDIA: SOIL DATA FRACTION: PAH

nsample	JAX25-SB106-03	nsample	JAX25-SB107-03	nsample	JAX25-SB108-03
samp_date	3/29/2007	samp_date	3/29/2007	samp_date	3/29/2007
lab_id	SA1374-3	lab_id	SA1374-4	lab_id	SA1374-6
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	86.0	Pct_Solids	88.4	Pct_Solids	93.3
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	11	U	
2-METHYLNAPHTHALENE	8	U	
ACENAPHTHENE	7	U	
ACENAPHTHYLENE	4	J	P
ANTHRACENE	4	U	
BENZO(A)ANTHRACENE	14	J	P
BENZO(A)PYRENE	18	J	P
BENZO(B)FLUORANTHENE	25		
BENZO(G,H,I)PERYLENE	19	J	P
BENZO(K)FLUORANTHENE	9	J	P
CHRYSENE	15	J	P
DIBENZO(A,H)ANTHRACENE	4	U	
FLUORANTHENE	29		
FLUORENE	4	U	
INDENO(1,2,3-CD)PYRENE	27		
NAPHTHALENE	3	U	
PHENANTHRENE	6	J	P
PYRENE	20	J	P

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	10	U	
2-METHYLNAPHTHALENE	8	U	
ACENAPHTHENE	7	U	
ACENAPHTHYLENE	2	U	
ANTHRACENE	4	U	
BENZO(A)ANTHRACENE	5	J	P
BENZO(A)PYRENE	4	J	P
BENZO(B)FLUORANTHENE	9	J	P
BENZO(G,H,I)PERYLENE	4	U	
BENZO(K)FLUORANTHENE	3	U	
CHRYSENE	6	J	P
DIBENZO(A,H)ANTHRACENE	4	U	
FLUORANTHENE	5	J	P
FLUORENE	4	U	
INDENO(1,2,3-CD)PYRENE	5	U	
NAPHTHALENE	3	U	
PHENANTHRENE	3	U	
PYRENE	6	J	P

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	10	U	
2-METHYLNAPHTHALENE	8	U	
ACENAPHTHENE	6	U	
ACENAPHTHYLENE	2	U	
ANTHRACENE	4	U	
BENZO(A)ANTHRACENE	3	U	
BENZO(A)PYRENE	3	U	
BENZO(B)FLUORANTHENE	3	U	
BENZO(G,H,I)PERYLENE	3	U	
BENZO(K)FLUORANTHENE	3	U	
CHRYSENE	3	U	
DIBENZO(A,H)ANTHRACENE	4	U	
FLUORANTHENE	4	U	
FLUORENE	3	U	
INDENO(1,2,3-CD)PYRENE	5	U	
NAPHTHALENE	3	U	
PHENANTHRENE	3	U	
PYRENE	3	U	

PROJ_NO: 00132

SDG: SA1374 MEDIA: SOIL DATA FRACTION: PAH

nsample	JAX25-SB109-03	nsample	JAX25-SB110-03	nsample	JAX25-SB80-03DL
samp_date	3/29/2007	samp_date	3/29/2007	samp_date	3/29/2007
lab_id	SA1374-7	lab_id	SA1374-8	lab_id	SA1374-5DL
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	92.8	Pct_Solids	89.5	Pct_Solids	91.7
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	10	U	
2-METHYLNAPHTHALENE	8	U	
ACENAPHTHENE	6	U	
ACENAPHTHYLENE	2	U	
ANTHRACENE	4	U	
BENZO(A)ANTHRACENE	3	U	
BENZO(A)PYRENE	3	U	
BENZO(B)FLUORANTHENE	3	U	
BENZO(G,H,I)PERYLENE	3	U	
BENZO(K)FLUORANTHENE	3	U	
CHRYSENE	3	U	
DIBENZO(A,H)ANTHRACENE	4	U	
FLUORANTHENE	4	U	
FLUORENE	3	U	
INDENO(1,2,3-CD)PYRENE	5	U	
NAPHTHALENE	3	U	
PHENANTHRENE	3	U	
PYRENE	3	U	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	10	U	
2-METHYLNAPHTHALENE	8	U	
ACENAPHTHENE	6	U	
ACENAPHTHYLENE	2	U	
ANTHRACENE	4	U	
BENZO(A)ANTHRACENE	3	U	
BENZO(A)PYRENE	3	U	
BENZO(B)FLUORANTHENE	3	U	
BENZO(G,H,I)PERYLENE	8	J	P
BENZO(K)FLUORANTHENE	3	U	
CHRYSENE	3	U	
DIBENZO(A,H)ANTHRACENE	4	U	
FLUORANTHENE	4	U	
FLUORENE	3	U	
INDENO(1,2,3-CD)PYRENE	5	U	
NAPHTHALENE	3	U	
PHENANTHRENE	3	U	
PYRENE	4	U	

Parameter	Result	Val Qual	Qual Code
ACENAPHTHENE	1100		
ACENAPHTHYLENE	24	U	
ANTHRACENE	180	J	P
BENZO(A)ANTHRACENE	220	J	P
BENZO(A)PYRENE	91	J	P
BENZO(B)FLUORANTHENE	150	J	P
BENZO(G,H,I)PERYLENE	40	J	P
BENZO(K)FLUORANTHENE	45	J	P
CHRYSENE	140	J	P
DIBENZO(A,H)ANTHRACENE	44	J	P
FLUORANTHENE	540		
FLUORENE	770		
INDENO(1,2,3-CD)PYRENE	66	J	P
PHENANTHRENE	1100		
PYRENE	500		

PROJ_NO: 00132

SDG: SA1374 MEDIA: SOIL DATA FRACTION: PAH

nsample	JAX25-SB80-03DL2
samp_date	3/29/2007
lab_id	SA1374-5DL2
qc_type	NM
units	UG/KG
Pct_Solids	91.7
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	26000		
2-METHYLNAPHTHALENE	40000		
NAPHTHALENE	16000	J	P

PROJ_NO: 00132

SDG: SA1374 MEDIA: SOIL DATA FRACTION: PET

nsample	JAX25-SB104-03	nsample	JAX25-SB105-01DL2	nsample	JAX25-SB106-03RA
samp_date	3/29/2007	samp_date	3/29/2007	samp_date	3/29/2007
lab_id	SA1374-1	lab_id	SA1374-2DL2	lab_id	SA1374-3RA
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	91.7	Pct_Solids	93.7	Pct_Solids	86.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TPH (C08-C40)	6.5	U	A

Parameter	Result	Val Qual	Qual Code
TPH (C08-C40)	400		

Parameter	Result	Val Qual	Qual Code
TPH (C08-C40)	14	U	A

PROJ_NO: 00132

SDG: SA1374 MEDIA: SOIL DATA FRACTION: PET

nsample	JAX25-SB107-03RA
samp_date	3/29/2007
lab_id	SA1374-4RA
qc_type	NM
units	MG/KG
Pct_Solids	88.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TPH (C08-C40)	12	U	A

nsample	JAX25-SB108-03RERA
samp_date	3/29/2007
lab_id	SA1374-6RERA
qc_type	NM
units	MG/KG
Pct_Solids	93.3
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TPH (C08-C40)	6.1	U	A

nsample	JAX25-SB109-03RA
samp_date	3/29/2007
lab_id	SA1374-7RA
qc_type	NM
units	MG/KG
Pct_Solids	92.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TPH (C08-C40)	6.4	U	A

PROJ_NO: 00132

SDG: SA1374 MEDIA: SOIL DATA FRACTION: PET

nsample	JAX25-SB110-03RA	nsample	JAX25-SB80-03DL
samp_date	3/29/2007	samp_date	3/29/2007
lab_id	SA1374-8RA	lab_id	SA1374-5DL
qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG
Pct_Solids	89.5	Pct_Solids	91.7
DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TPH (C08-C40)	7.8	U	A

Parameter	Result	Val Qual	Qual Code
TPH (C08-C40)	6400		

PROJ_NO: 00132

SDG: SA1374 MEDIA: SOIL DATA FRACTION: MISC

nsample	JAX25-SB104-03
samp_date	3/29/2007
lab_id	SA1374-1
qc_type	NM
Pct_Solids	91.7
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
TOTAL SOLIDS	%	92		

nsample	JAX25-SB105-01
samp_date	3/29/2007
lab_id	SA1374-2
qc_type	NM
Pct_Solids	93.7
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
TOTAL SOLIDS	%	94		

nsample	JAX25-SB106-03
samp_date	3/29/2007
lab_id	SA1374-3
qc_type	NM
Pct_Solids	86.0
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
TOTAL SOLIDS	%	86		

PROJ_NO: 00132

SDG: SA1374 MEDIA: SOIL DATA FRACTION: MISC

nsample	JAX25-SB107-03
samp_date	3/29/2007
lab_id	SA1374-4
qc_type	NM
Pct_Solids	88.4
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
TOTAL SOLIDS	%	88		

nsample	JAX25-SB108-03
samp_date	3/29/2007
lab_id	SA1374-6
qc_type	NM
Pct_Solids	93.3
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
TOTAL SOLIDS	%	93		

nsample	JAX25-SB109-03
samp_date	3/29/2007
lab_id	SA1374-7
qc_type	NM
Pct_Solids	92.8
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
TOTAL SOLIDS	%	93		

PROJ_NO: 00132

SDG: SA1374 MEDIA: SOIL DATA FRACTION: MISC

nsample	JAX25-SB110-03	nsample	JAX25-SB80-03
samp_date	3/29/2007	samp_date	3/29/2007
lab_id	SA1374-8	lab_id	SA1374-5
qc_type	NM	qc_type	NM
Pct_Solids	89.5	Pct_Solids	91.7
DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
TOTAL SOLIDS	%	90		

Parameter	units	Result	Val Qual	Qual Code
TOTAL SOLIDS	%	92		

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 02/12/07
Received Date: 03/30/07
Extraction Date:
Analysis Date: 04-APR-2007 18:03
Report Date: 04/09/2007
Matrix: WATER
% Solids: NA

Lab ID: SA1374-9
Client ID: TRIP BLANK
SDG: SA1374
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37599
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.4	1.0	1	1	0.4
71-43-2	Benzene	U	0.5	1.0	1	1	0.5
100-41-4	Ethylbenzene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	U	1.0	1.0	2	2	1.0
95-47-6	o-Xylene	U	0.4	1.0	1	1	0.4
1330-20-7	Xylenes (total)	U	1	1.0	3	3	1
1634-04-4	Methyl tert-butyl ether	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		98%				
17060-07-0	1,2-Dichloroethane-D4		102%				
2037-26-5	Toluene-D8		98%				
460-00-4	P-Bromofluorobenzene		96%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date:
Analysis Date: 02-APR-2007 13:59
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 91.7

Lab ID: SA1374-1
Client ID: JAX25-SB104-03
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
	m+p-Xylenes	U	4	1.0	10	12	4
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	U	6	1.0	15	18	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		77%				
17060-07-0	1,2-Dichloroethane-D4		77%				
2037-26-5	Toluene-D8		80%				
460-00-4	P-Bromofluorobenzene		89%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date:
Analysis Date: 02-APR-2007 14:37
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 93.7

Lab ID: SA1374-2
Client ID: JAX25-SB105-01
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
	m+p-Xylenes	U	4	1.0	10	11	4
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	U	6	1.0	15	17	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		77%				
17060-07-0	1,2-Dichloroethane-D4		75%				
2037-26-5	Toluene-D8		85%				
460-00-4	P-Bromofluorobenzene		89%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date:
Analysis Date: 02-APR-2007 15:14
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 86.0

Lab ID: SA1374-3
Client ID: JAX25-SB106-03
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	1	1.0	5	6	1
	m+p-Xylenes	U	5	1.0	10	12	5
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	U	7	1.0	15	19	7
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		72%				
17060-07-0	1,2-Dichloroethane-D4		71%				
2037-26-5	Toluene-D8		76%				
460-00-4	P-Bromofluorobenzene		66%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date:
Analysis Date: 02-APR-2007 15:52
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 88.4

Lab ID: SA1374-4
Client ID: JAX25-SB107-03
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	1.0	1.0	5	5	1.0
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	6	1.0	15	16	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		90%				
17060-07-0	1,2-Dichloroethane-D4		94%				
2037-26-5	Toluene-D8		96%				
460-00-4	P-Bromofluorobenzene		107%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date:
Analysis Date: 02-APR-2007 17:07
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 93.3

Lab ID: SA1374-6
Client ID: JAX25-SB108-03
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
	m+p-Xylenes	U	4	1.0	10	11	4
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	U	6	1.0	15	16	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		66%				
17060-07-0	1,2-Dichloroethane-D4		60%				
2037-26-5	Toluene-D8		84%				
460-00-4	P-Bromofluorobenzene		94%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date:
Analysis Date: 04-APR-2007 13:59
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 92.8

Lab ID: SA1374-7RA
Client ID: JAX25-SB109-03
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37601
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	1.0	1.0	5	5	1.0
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	6	1.0	15	16	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		89%				
17060-07-0	1,2-Dichloroethane-D4		86%				
2037-26-5	Toluene-D8		87%				
460-00-4	P-Bromofluorobenzene		90%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date:
Analysis Date: 02-APR-2007 18:22
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 89.5

Lab ID: SA1374-8
Client ID: JAX25-SB110-03
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		76%				
17060-07-0	1,2-Dichloroethane-D4		72%				
2037-26-5	Toluene-D8		91%				
460-00-4	P-Bromofluorobenzene		86%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date:
Analysis Date: 02-APR-2007 16:29
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 91.7

Lab ID: SA1374-5
Client ID: JAX25-SB80-03
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
	m+p-Xylenes	L	4600	1.0	10	12	4
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	L	4600	1.0	15	18	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		J 0%				
17060-07-0	1,2-Dichloroethane-D4		J 0%				
2037-26-5	Toluene-D8		J 0%				
460-00-4	P-Bromofluorobenzene		J 0%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date:
Analysis Date: 04-APR-2007 14:36
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 91.7

Lab ID: SA1374-5RA
Client ID: JAX25-SB80-03
SDG: SA1374
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37601
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
	m+p-Xylenes	L	4600	1.0	10	11	4
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	L	4600	1.0	15	17	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		J 0%				
17060-07-0	1,2-Dichloroethane-D4		J 0%				
2037-26-5	Toluene-D8		J 0%				
460-00-4	P-Bromofluorobenzene		J1960%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date:
Analysis Date: 05-APR-2007 21:33
Report Date: 04/09/2007
Matrix: SOIL
% Solids: 91.7

Lab ID: SA1374-5DL
Client ID: JAX25-SB80-03
SDG: SA1374
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	5700	1.0	5	15000	5700
71-43-2	Benzene	U	2800	1.0	5	15000	2800
100-41-4	Ethylbenzene	I	3600	1.0	5	15000	2400
	m+p-Xylenes	U	12000	1.0	10	30000	12000
95-47-6	o-Xylene	U	4700	1.0	5	15000	4700
1330-20-7	Xylenes (total)	U	16000	1.0	15	45000	16000
1634-04-4	Methyl tert-butyl ether	U	5200	1.0	5	15000	5200
1868-53-7	Dibromofluoromethane		82%				
17060-07-0	1,2-Dichloroethane-D4		79%				
2037-26-5	Toluene-D8		94%				
460-00-4	P-Bromofluorobenzene		90%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/03/07
Analysis Date: 10-APR-2007 16:15
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 91.7

Lab ID: SA1374-1
Client ID: JAX25-SB104-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	22	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	U	2	1.0	20	22	2
83-32-9	Acenaphthene	U	6	1.0	20	22	6
86-73-7	Fluorene	U	3	1.0	20	22	3
85-01-8	Phenanthrene	U	3	1.0	20	22	3
120-12-7	Anthracene	U	4	1.0	20	22	4
206-44-0	Fluoranthene	U	4	1.0	20	22	4
129-00-0	Pyrene	U	3	1.0	20	22	3
56-55-3	Benzo(a)anthracene	U	3	1.0	20	22	3
218-01-9	Chrysene	U	3	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene	U	3	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	22	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	5	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	U	3	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		68%				
81103-79-9	Fluorene-d10		72%				
1718-52-1	Pyrene-d10		80%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 10-APR-2007 21:20
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 93.7

Lab ID: SA1374-2
Client ID: JAX25-SB105-01
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37560
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	10	1.0	20	21	3
91-57-6	2-Methylnaphthalene		22	1.0	20	21	8
90-12-0	1-Methylnaphthalene		47	1.0	20	21	10
208-96-8	Acenaphthylene	U	2	1.0	20	21	2
83-32-9	Acenaphthene	L	290	1.0	20	21	6
86-73-7	Fluorene		61	1.0	20	21	3
85-01-8	Phenanthrene		100	1.0	20	21	3
120-12-7	Anthracene		24	1.0	20	21	4
206-44-0	Fluoranthene	L	440	1.0	20	21	4
129-00-0	Pyrene	L	480	1.0	20	21	3
56-55-3	Benzo(a)anthracene	L	510	1.0	20	21	3
218-01-9	Chrysene	L	390	1.0	20	21	3
205-99-2	Benzo(b)fluoranthene	L	330	1.0	20	21	3
207-08-9	Benzo(k)fluoranthene	L	190	1.0	20	21	3
50-32-8	Benzo(a)pyrene	L	260	1.0	20	21	3
193-39-5	Indeno(1,2,3-cd)pyrene		140	1.0	20	21	5
191-24-2	Benzo(g,h,i)perylene	L	190	1.0	20	21	3
53-70-3	Dibenzo(a,h)anthracene		51	1.0	20	21	4
7297-45-2	2-Methylnaphthalene-d10		92%				
81103-79-9	Fluorene-d10		86%				
1718-52-1	Pyrene-d10		87%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 12-APR-2007 13:56
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 93.7

Lab ID: SA1374-2DL
Client ID: JAX25-SB105-01
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37560
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	14	5.0	20	110	14
91-57-6	2-Methylnaphthalene	U	39	5.0	20	110	39
90-12-0	1-Methylnaphthalene	U	49	5.0	20	110	49
208-96-8	Acenaphthylene	U	12	5.0	20	110	12
83-32-9	Acenaphthene		260	5.0	20	110	31
86-73-7	Fluorene	I	51	5.0	20	110	16
85-01-8	Phenanthrene	I	92	5.0	20	110	14
120-12-7	Anthracene	I	21	5.0	20	110	19
206-44-0	Fluoranthene		460	5.0	20	110	19
129-00-0	Pyrene		400	5.0	20	110	17
56-55-3	Benzo(a)anthracene		420	5.0	20	110	16
218-01-9	Chrysene		380	5.0	20	110	15
205-99-2	Benzo(b)fluoranthene		340	5.0	20	110	16
207-08-9	Benzo(k)fluoranthene		140	5.0	20	110	16
50-32-8	Benzo(a)pyrene		240	5.0	20	110	16
193-39-5	Indeno(1,2,3-cd)pyrene		180	5.0	20	110	24
191-24-2	Benzo(g,h,i)perylene		210	5.0	20	110	16
53-70-3	Dibenzo(a,h)anthracene	U	20	5.0	20	110	20
7297-45-2	2-Methylnaphthalene-d10		78%				
81103-79-9	Fluorene-d10		79%				
1718-52-1	Pyrene-d10		70%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 10-APR-2007 19:52
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 86.0

Lab ID: SA1374-3
Client ID: JAX25-SB106-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37560
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	23	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	23	8
90-12-0	1-Methylnaphthalene	U	11	1.0	20	23	11
208-96-8	Acenaphthylene	I	4	1.0	20	23	2
83-32-9	Acenaphthene	U	7	1.0	20	23	7
86-73-7	Fluorene	U	4	1.0	20	23	4
85-01-8	Phenanthrene	I	6	1.0	20	23	3
120-12-7	Anthracene	U	4	1.0	20	23	4
206-44-0	Fluoranthene		29	1.0	20	23	4
129-00-0	Pyrene	I	20	1.0	20	23	4
56-55-3	Benzo(a)anthracene	I	14	1.0	20	23	3
218-01-9	Chrysene	I	15	1.0	20	23	3
205-99-2	Benzo(b)fluoranthene		25	1.0	20	23	4
207-08-9	Benzo(k)fluoranthene	I	9	1.0	20	23	3
50-32-8	Benzo(a)pyrene	I	18	1.0	20	23	3
193-39-5	Indeno(1,2,3-cd)pyrene		27	1.0	20	23	5
191-24-2	Benzo(g,h,i)perylene	I	19	1.0	20	23	4
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	23	4
7297-45-2	2-Methylnaphthalene-d10		72%				
81103-79-9	Fluorene-d10		76%				
1718-52-1	Pyrene-d10		65%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 10-APR-2007 18:24
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 88.4

Lab ID: SA1374-4
Client ID: JAX25-SB107-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37560
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	23	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	23	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	23	10
208-96-8	Acenaphthylene	U	2	1.0	20	23	2
83-32-9	Acenaphthene	U	7	1.0	20	23	7
86-73-7	Fluorene	U	4	1.0	20	23	4
85-01-8	Phenanthrene	U	3	1.0	20	23	3
120-12-7	Anthracene	U	4	1.0	20	23	4
206-44-0	Fluoranthene	I	5	1.0	20	23	4
129-00-0	Pyrene	I	6	1.0	20	23	4
56-55-3	Benzo(a)anthracene	I	5	1.0	20	23	3
218-01-9	Chrysene	I	6	1.0	20	23	3
205-99-2	Benzo(b)fluoranthene	I	9	1.0	20	23	4
207-08-9	Benzo(k)fluoranthene	I	2	1.0	20	23	3
50-32-8	Benzo(a)pyrene	I	4	1.0	20	23	3
193-39-5	Indeno(1,2,3-cd)pyrene	I	4	1.0	20	23	5
191-24-2	Benzo(g,h,i)perylene	I	3	1.0	20	23	4
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	23	4
7297-45-2	2-Methylnaphthalene-d10		75%				
81103-79-9	Fluorene-d10		76%				
1718-52-1	Pyrene-d10		81%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 10-APR-2007 16:58
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 93.3

Lab ID: SA1374-6
Client ID: JAX25-SB108-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37560
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	21	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	21	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	21	10
208-96-8	Acenaphthylene	U	2	1.0	20	21	2
83-32-9	Acenaphthene	U	6	1.0	20	21	6
86-73-7	Fluorene	U	3	1.0	20	21	3
85-01-8	Phenanthrene	U	3	1.0	20	21	3
120-12-7	Anthracene	U	4	1.0	20	21	4
206-44-0	Fluoranthene	U	4	1.0	20	21	4
129-00-0	Pyrene	U	3	1.0	20	21	3
56-55-3	Benzo(a)anthracene	U	3	1.0	20	21	3
218-01-9	Chrysene	U	3	1.0	20	21	3
205-99-2	Benzo(b)fluoranthene	U	3	1.0	20	21	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	21	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	21	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	5	1.0	20	21	5
191-24-2	Benzo(g,h,i)perylene	U	3	1.0	20	21	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	21	4
7297-45-2	2-Methylnaphthalene-d10		79%				
81103-79-9	Fluorene-d10		79%				
1718-52-1	Pyrene-d10		80%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 10-APR-2007 17:40
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 92.8

Lab ID: SA1374-7
Client ID: JAX25-SB109-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37560
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	22	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	U	2	1.0	20	22	2
83-32-9	Acenaphthene	U	6	1.0	20	22	6
86-73-7	Fluorene	U	3	1.0	20	22	3
85-01-8	Phenanthrene	U	3	1.0	20	22	3
120-12-7	Anthracene	U	4	1.0	20	22	4
206-44-0	Fluoranthene	U	4	1.0	20	22	4
129-00-0	Pyrene	U	3	1.0	20	22	3
56-55-3	Benzo(a)anthracene	U	3	1.0	20	22	3
218-01-9	Chrysene	U	3	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene	U	3	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	22	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	5	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	U	3	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		69%				
81103-79-9	Fluorene-d10		73%				
1718-52-1	Pyrene-d10		74%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 10-APR-2007 20:36
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 89.5

Lab ID: SA1374-8
Client ID: JAX25-SB110-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37560
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	22	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	U	2	1.0	20	22	2
83-32-9	Acenaphthene	U	6	1.0	20	22	6
86-73-7	Fluorene	U	3	1.0	20	22	3
85-01-8	Phenanthrene	U	3	1.0	20	22	3
120-12-7	Anthracene	U	4	1.0	20	22	4
206-44-0	Fluoranthene	U	4	1.0	20	22	4
129-00-0	Pyrene	U	4	1.0	20	22	4
56-55-3	Benzo(a)anthracene	U	3	1.0	20	22	3
218-01-9	Chrysene	U	3	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene	U	3	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	22	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	5	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	I	8	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		71%				
81103-79-9	Fluorene-d10		75%				
1718-52-1	Pyrene-d10		68%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 11-APR-2007 10:39
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 91.7

Lab ID: SA1374-5DL
Client ID: JAX25-SB80-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37560
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	L	10000	10	20	220	28
91-57-6	2-Methylnaphthalene	L	130000	10	20	220	80
90-12-0	1-Methylnaphthalene	L	15000	10	20	220	100
208-96-8	Acenaphthylene	U	24	10	20	220	24
83-32-9	Acenaphthene		1100	10	20	220	64
86-73-7	Fluorene		770	10	20	220	34
85-01-8	Phenanthrene		1100	10	20	220	28
120-12-7	Anthracene	I	180	10	20	220	39
206-44-0	Fluoranthene		540	10	20	220	38
129-00-0	Pyrene		500	10	20	220	35
56-55-3	Benzo(a)anthracene	I	220	10	20	220	33
218-01-9	Chrysene	I	140	10	20	220	32
205-99-2	Benzo(b)fluoranthene	I	150	10	20	220	34
207-08-9	Benzo(k)fluoranthene	I	45	10	20	220	33
50-32-8	Benzo(a)pyrene	I	91	10	20	220	33
193-39-5	Indeno(1,2,3-cd)pyrene	I	66	10	20	220	49
191-24-2	Benzo(g,h,i)perylene	I	40	10	20	220	34
53-70-3	Dibenzo(a,h)anthracene	I	44	10	20	220	41
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 11-APR-2007 11:23
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 91.7

Lab ID: SA1374-5DL2
Client ID: JAX25-SB80-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37560
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	16000	1000	20	22000	2800
91-57-6	2-Methylnaphthalene		40000	1000	20	22000	8000
90-12-0	1-Methylnaphthalene		26000	1000	20	22000	10000
208-96-8	Acenaphthylene	U	2400	1000	20	22000	2400
83-32-9	Acenaphthene	U	6400	1000	20	22000	6400
86-73-7	Fluorene	U	3400	1000	20	22000	3400
85-01-8	Phenanthrene	U	2800	1000	20	22000	2800
120-12-7	Anthracene	U	3900	1000	20	22000	3900
206-44-0	Fluoranthene	U	3800	1000	20	22000	3800
129-00-0	Pyrene	U	3500	1000	20	22000	3500
56-55-3	Benzo(a)anthracene	U	3300	1000	20	22000	3300
218-01-9	Chrysene	U	3200	1000	20	22000	3200
205-99-2	Benzo(b)fluoranthene	U	3400	1000	20	22000	3400
207-08-9	Benzo(k)fluoranthene	U	3300	1000	20	22000	3300
50-32-8	Benzo(a)pyrene	U	3300	1000	20	22000	3300
193-39-5	Indeno(1,2,3-cd)pyrene	U	4900	1000	20	22000	4900
191-24-2	Benzo(g,h,i)perylene	U	3400	1000	20	22000	3400
53-70-3	Dibenzo(a,h)anthracene	U	4100	1000	20	22000	4100
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 06-APR-2007 09:49
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 91.7

Lab ID: SA1374-1
Client ID: JAX25-SB104-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: HC
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IJV	6.5	1.0	20	22	2.4
	n-Triacontane-D62		104%				
	O-Terphenyl		104%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 11-APR-2007 20:28
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 93.7

Lab ID: SA1374-2DL2
Client ID: JAX25-SB105-01
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	JV	400	10	20	210	24
	n-Triacontane-D62		D				
	O-Terphenyl		D				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 11-APR-2007 14:14
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 86.0

Lab ID: SA1374-3RA
Client ID: JAX25-SB106-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IJV	14	1.0	20	23	2.6
	n-Triacontane-D62		106%				
	O-Terphenyl		108%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 11-APR-2007 15:28
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 88.4

Lab ID: SA1374-4RA
Client ID: JAX25-SB107-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IJV	12	1.0	20	23	2.5
	n-Triacontane-D62		106%				
	O-Terphenyl		108%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/06/07
Analysis Date: 11-APR-2007 16:42
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 93.3

Lab ID: SA1374-6RERA
Client ID: JAX25-SB108-03
SDG: SA1374
Extracted by: KM
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37669
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IV	6.1	1.0	20	21	2.4
	n-Triacontane-D62		109%				
	O-Terphenyl		109%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 11-APR-2007 17:56
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 92.8

Lab ID: SA1374-7RA
Client ID: JAX25-SB109-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IJV	6.4	1.0	20	22	2.4
	n-Triacontane-D62		109%				
	O-Terphenyl		109%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 11-APR-2007 19:12
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 89.5

Lab ID: SA1374-8RA
Client ID: JAX25-SB110-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IJV	7.8	1.0	20	22	2.5
	n-Triacontane-D62		115%				
	O-Terphenyl		J116%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/29/07
Received Date: 03/30/07
Extraction Date: 04/04/07
Analysis Date: 11-APR-2007 21:43
Report Date: 04/12/2007
Matrix: SOIL
% Solids: 91.7

Lab ID: SA1374-5DL
Client ID: JAX25-SB80-03
SDG: SA1374
Extracted by: GN
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	JV	6400	50	20	1100	120
	n-Triacontane-D62		D				
	O-Terphenyl		D				

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1374-1
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1374

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB104-03	SL	29-MAR-07	30-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	92. %	1	CLP SOW 788	WG37570	04-APR-07 09:37:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1374-2
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1374

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB105-01	SL	29-MAR-07	30-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	94. %	1	CLP SOW 788	WG37570	04-APR-07 09:38:00	CLP SOW 788	03-APR-07	JF	

600 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
sales@katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1374-3
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1374

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB106-03	SL	29-MAR-07	30-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	86. %	1	CLP SOW 788	WG37570	04-APR-07 09:39:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1374-4
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1374

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB107-03	SL	29-MAR-07	30-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	88. %	1	CLP SOW 788	WG37570	04-APR-07 09:40:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1374-5
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1374

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB80-03	SL	29-MAR-07	30-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	92. %	1	CLP SOW 788	WG37570	04-APR-07 09:42:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1374-6
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1374

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB108-03	SL	29-MAR-07	30-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	93. %	1	CLP SOW 788	WG37570	04-APR-07 09:43:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1374-7
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1374

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB109-03	SL	29-MAR-07	30-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	93. %	1	CLP SOW 788	WG37570	04-APR-07 09:44:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1374-8
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1374

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB110-03	SL	29-MAR-07	30-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	90. %	1	CLP SOW 788	WG37570	04-APR-07 09:45:00	CLP SOW 788	03-APR-07	JF	

HOLDTIME

SDG SA1351

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
TS	%	JAX25-SB81-03	SA1351-19	NM	3/28/2007	4/3/2007	4/4/2007	6	1	7
TS	%	JAX25-SB99-01	SA1351-14	NM	3/28/2007	4/3/2007	4/4/2007	6	1	7
TS	%	JAX25-SB102-03	SA1351-22	NM	3/28/2007	4/3/2007	4/4/2007	6	1	7
TS	%	JAX25-SB103-03	SA1351-23	NM	3/28/2007	4/3/2007	4/4/2007	6	1	7
TS	%	JAX25-SB79-01	SA1351-21	NM	3/28/2007	4/3/2007	4/4/2007	6	1	7
TS	%	JAX25-SB82-03	SA1351-18	NM	3/28/2007	4/3/2007	4/4/2007	6	1	7
TS	%	JAX25-SB83-03	SA1351-15	NM	3/28/2007	4/3/2007	4/4/2007	6	1	7
TS	%	JAX25-SB84-03	SA1351-16	NM	3/28/2007	4/3/2007	4/4/2007	6	1	7
TS	%	JAX25-SB85-03	SA1351-17	NM	3/28/2007	4/3/2007	4/4/2007	6	1	7
TS	%	JAX25-SB86-03	SA1351-5	NM	3/28/2007	4/3/2007	4/4/2007	6	1	7
TS	%	JAX25-SB87-03	SA1351-6	NM	3/28/2007	4/3/2007	4/4/2007	6	1	7
TS	%	JAX25-SB95-01	SA1351-10	NM	3/28/2007	4/3/2007	4/4/2007	6	1	7
TS	%	JAX25-SB78-02	SA1351-20	NM	3/28/2007	4/3/2007	4/4/2007	6	1	7
TS	%	JAX25-SB88-03	SA1351-7	NM	3/28/2007	4/3/2007	4/4/2007	6	1	7
TS	%	JAX25-SB97-03	SA1351-11	NM	3/28/2007	4/3/2007	4/4/2007	6	1	7

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
TS	%	JAX25-SB96-01	SA1351-12	NM	3/28/2007	4/3/2007	4/4/2007	6	1	7
TS	%	JAX25-SB98-01	SA1351-13	NM	3/28/2007	4/3/2007	4/4/2007	6	1	7
TS	%	JAX25-SB94-03	SA1351-9	NM	3/28/2007	4/3/2007	4/4/2007	6	1	7
TS	%	JAX25-SB93-03	SA1351-4	NM	3/28/2007	4/3/2007	4/4/2007	6	1	7
TS	%	JAX25-SB92-03	SA1351-3	NM	3/28/2007	4/3/2007	4/4/2007	6	1	7
TS	%	JAX25-SB91-03	SA1351-2	NM	3/28/2007	4/3/2007	4/4/2007	6	1	7
TS	%	JAX25-SB90-03	SA1351-1	NM	3/28/2007	4/3/2007	4/4/2007	6	1	7
TS	%	JAX25-SB89-03	SA1351-8	NM	3/28/2007	4/3/2007	4/4/2007	6	1	7
OS	%	JAX25-SB93-03	SA1351-4	NM	3/28/2007	3/30/2007	4/7/2007	2	8	10
OS	%	JAX25-SB96-01DL2	SA1351-12DL2	NM	3/28/2007	4/3/2007	4/10/2007	6	7	13
OS	%	JAX25-SB94-03DL	SA1351-9DL	NM	3/28/2007	4/3/2007	4/9/2007	6	6	12
OS	%	JAX25-SB95-01	SA1351-10	NM	3/28/2007	4/3/2007	4/9/2007	6	6	12
OS	%	JAX25-SB95-01DL	SA1351-10DL	NM	3/28/2007	4/3/2007	4/10/2007	6	7	13
OS	%	JAX25-SB96-01DL	SA1351-12DL	NM	3/28/2007	4/3/2007	4/9/2007	6	6	12
OS	%	JAX25-SB94-03	SA1351-9	NM	3/28/2007	4/3/2007	4/7/2007	6	4	10
OS	%	JAX25-SB97-03	SA1351-11	NM	3/28/2007	4/3/2007	4/9/2007	6	6	12
OS	%	JAX25-SB97-03DL	SA1351-11DL	NM	3/28/2007	4/3/2007	4/10/2007	6	7	13
OS	%	JAX25-SB98-01	SA1351-13	NM	3/28/2007	4/3/2007	4/9/2007	6	6	12

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	%	JAX25-SB98-01DL	SA1351-13DL	NM	3/28/2007	4/3/2007	4/10/2007	6	7	13
OS	%	JAX25-SB102-03	SA1351-22	NM	3/28/2007	4/3/2007	4/9/2007	6	6	12
OS	%	JAX25-SB92-03	SA1351-3	NM	3/28/2007	3/30/2007	4/7/2007	2	8	10
OS	%	JAX25-SB86-03	SA1351-5	NM	3/28/2007	4/3/2007	4/7/2007	6	4	10
OS	%	JAX25-SB99-01	SA1351-14	NM	3/28/2007	4/3/2007	4/9/2007	6	6	12
OS	%	JAX25-SB78-02	SA1351-20	NM	3/28/2007	4/3/2007	4/9/2007	6	6	12
OS	%	JAX25-SB88-03	SA1351-7	NM	3/28/2007	4/3/2007	4/7/2007	6	4	10
OS	%	JAX25-SB103-03	SA1351-23	NM	3/28/2007	4/3/2007	4/9/2007	6	6	12
OS	%	JAX25-SB91-03	SA1351-2	NM	3/28/2007	3/30/2007	4/7/2007	2	8	10
OS	%	JAX25-SB79-01	SA1351-21	NM	3/28/2007	4/3/2007	4/9/2007	6	6	12
OS	%	JAX25-SB81-03	SA1351-19	NM	3/28/2007	4/3/2007	4/9/2007	6	6	12
OS	%	JAX25-SB82-03	SA1351-18	NM	3/28/2007	4/3/2007	4/9/2007	6	6	12
OS	%	JAX25-SB83-03	SA1351-15	NM	3/28/2007	4/3/2007	4/9/2007	6	6	12
OS	%	JAX25-SB85-03DL	SA1351-17DL	NM	3/28/2007	4/3/2007	4/10/2007	6	7	13
OS	%	JAX25-SB85-03DL2	SA1351-17DL2	NM	3/28/2007	4/3/2007	4/10/2007	6	7	13
OS	%	JAX25-SB87-03	SA1351-6	NM	3/28/2007	4/3/2007	4/7/2007	6	4	10
OS	%	JAX25-SB89-03	SA1351-8	NM	3/28/2007	4/3/2007	4/7/2007	6	4	10
OS	%	JAX25-SB90-03	SA1351-1	NM	3/28/2007	3/30/2007	4/5/2007	2	6	8

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	%	JAX25-SB84-03	SA1351-16	NM	3/28/2007	4/3/2007	4/9/2007	6	6	12
OS	UG/KG	JAX25-SB98-01	SA1351-13	NM	3/28/2007	4/3/2007	4/9/2007	6	6	12
OS	UG/KG	JAX25-SB93-03	SA1351-4	NM	3/28/2007	3/30/2007	4/7/2007	2	8	10
OS	UG/KG	JAX25-SB94-03	SA1351-9	NM	3/28/2007	4/3/2007	4/7/2007	6	4	10
OS	UG/KG	JAX25-SB94-03DL	SA1351-9DL	NM	3/28/2007	4/3/2007	4/9/2007	6	6	12
OS	UG/KG	JAX25-SB95-01	SA1351-10	NM	3/28/2007	4/3/2007	4/9/2007	6	6	12
OS	UG/KG	JAX25-SB95-01DL	SA1351-10DL	NM	3/28/2007	4/3/2007	4/10/2007	6	7	13
OS	UG/KG	JAX25-SB96-01DL	SA1351-12DL	NM	3/28/2007	4/3/2007	4/9/2007	6	6	12
OS	UG/KG	JAX25-SB96-01DL2	SA1351-12DL2	NM	3/28/2007	4/3/2007	4/10/2007	6	7	13
OS	UG/KG	JAX25-SB99-01	SA1351-14	NM	3/28/2007	4/3/2007	4/9/2007	6	6	12
OS	UG/KG	JAX25-SB97-03DL	SA1351-11DL	NM	3/28/2007	4/3/2007	4/10/2007	6	7	13
OS	UG/KG	JAX25-SB98-01DL	SA1351-13DL	NM	3/28/2007	4/3/2007	4/10/2007	6	7	13
OS	UG/KG	JAX25-SB92-03	SA1351-3	NM	3/28/2007	3/30/2007	4/7/2007	2	8	10
OS	UG/KG	JAX25-SB79-01	SA1351-21	NM	3/28/2007	4/3/2007	4/9/2007	6	6	12
OS	UG/KG	JAX25-SB97-03	SA1351-11	NM	3/28/2007	4/3/2007	4/9/2007	6	6	12
OS	UG/KG	JAX25-SB83-03	SA1351-15	NM	3/28/2007	4/3/2007	4/9/2007	6	6	12
OS	UG/KG	JAX25-SB82-03	SA1351-18	NM	3/28/2007	4/3/2007	4/9/2007	6	6	12
OS	UG/KG	JAX25-SB103-03	SA1351-23	NM	3/28/2007	4/3/2007	4/9/2007	6	6	12

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/KG	JAX25-SB78-02	SA1351-20	NM	3/28/2007	4/3/2007	4/9/2007	6	6	12
OS	UG/KG	JAX25-SB102-03	SA1351-22	NM	3/28/2007	4/3/2007	4/9/2007	6	6	12
OS	UG/KG	JAX25-SB91-03	SA1351-2	NM	3/28/2007	3/30/2007	4/7/2007	2	8	10
OS	UG/KG	JAX25-SB81-03	SA1351-19	NM	3/28/2007	4/3/2007	4/9/2007	6	6	12
OS	UG/KG	JAX25-SB84-03	SA1351-16	NM	3/28/2007	4/3/2007	4/9/2007	6	6	12
OS	UG/KG	JAX25-SB85-03DL	SA1351-17DL	NM	3/28/2007	4/3/2007	4/10/2007	6	7	13
OS	UG/KG	JAX25-SB85-03DL2	SA1351-17DL2	NM	3/28/2007	4/3/2007	4/10/2007	6	7	13
OS	UG/KG	JAX25-SB86-03	SA1351-5	NM	3/28/2007	4/3/2007	4/7/2007	6	4	10
OS	UG/KG	JAX25-SB87-03	SA1351-6	NM	3/28/2007	4/3/2007	4/7/2007	6	4	10
OS	UG/KG	JAX25-SB88-03	SA1351-7	NM	3/28/2007	4/3/2007	4/7/2007	6	4	10
OS	UG/KG	JAX25-SB89-03	SA1351-8	NM	3/28/2007	4/3/2007	4/7/2007	6	4	10
OS	UG/KG	JAX25-SB90-03	SA1351-1	NM	3/28/2007	3/30/2007	4/5/2007	2	6	8
OV	%	JAX25-SB93-03	SA1351-4	NM	3/28/2007	3/29/2007	3/29/2007	1	0	1
OV	%	TRIP BLANK	SA1351-24	NM	2/12/2007	3/30/2007	3/30/2007	46	0	46
OV	%	JAX25-SB99-01	SA1351-14	NM	3/28/2007	3/30/2007	3/30/2007	2	0	2
OV	%	JAX25-SB98-01	SA1351-13	NM	3/28/2007	3/30/2007	3/30/2007	2	0	2
OV	%	JAX25-SB89-03	SA1351-8	NM	3/28/2007	3/29/2007	3/29/2007	1	0	1
OV	%	JAX25-SB97-03	SA1351-11	NM	3/28/2007	3/29/2007	3/29/2007	1	0	1

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	%	JAX25-SB96-01RA	SA1351-12RA	NM	3/28/2007	3/30/2007	3/30/2007	2	0	2
OV	%	JAX25-SB96-01DL	SA1351-12DL	NM	3/28/2007	4/5/2007	4/5/2007	8	0	8
OV	%	JAX25-SB96-01	SA1351-12	NM	3/28/2007	3/29/2007	3/29/2007	1	0	1
OV	%	JAX25-SB88-03	SA1351-7	NM	3/28/2007	3/29/2007	3/29/2007	1	0	1
OV	%	JAX25-SB94-03	SA1351-9	NM	3/28/2007	3/29/2007	3/29/2007	1	0	1
OV	%	JAX25-SB83-03	SA1351-15	NM	3/28/2007	3/30/2007	3/30/2007	2	0	2
OV	%	JAX25-SB92-03	SA1351-3	NM	3/28/2007	3/29/2007	3/29/2007	1	0	1
OV	%	JAX25-SB91-03	SA1351-2	NM	3/28/2007	3/29/2007	3/29/2007	1	0	1
OV	%	JAX25-SB95-01	SA1351-10	NM	3/28/2007	3/29/2007	3/29/2007	1	0	1
OV	%	JAX25-SB87-03	SA1351-6	NM	3/28/2007	3/29/2007	3/29/2007	1	0	1
OV	%	JAX25-SB86-03RA	SA1351-5RA	NM	3/28/2007	3/30/2007	3/30/2007	2	0	2
OV	%	JAX25-SB85-03RA	SA1351-17RA	NM	3/28/2007	4/2/2007	4/2/2007	5	0	5
OV	%	JAX25-SB85-03DL	SA1351-17DL	NM	3/28/2007	4/5/2007	4/5/2007	8	0	8
OV	%	JAX25-SB84-03	SA1351-16	NM	3/28/2007	3/30/2007	3/30/2007	2	0	2
OV	%	JAX25-SB82-03	SA1351-18	NM	3/28/2007	3/30/2007	3/30/2007	2	0	2
OV	%	JAX25-SB81-03	SA1351-19	NM	3/28/2007	3/30/2007	3/30/2007	2	0	2
OV	%	JAX25-SB79-01	SA1351-21	NM	3/28/2007	3/30/2007	3/30/2007	2	0	2
OV	%	JAX25-SB78-02	SA1351-20	NM	3/28/2007	3/30/2007	3/30/2007	2	0	2

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	%	JAX25-SB103-03	SA1351-23	NM	3/28/2007	3/30/2007	3/30/2007	2	0	2
OV	%	JAX25-SB102-03RA	SA1351-22RA	NM	3/28/2007	4/2/2007	4/2/2007	5	0	5
OV	%	JAX25-SB102-03	SA1351-22	NM	3/28/2007	3/30/2007	3/30/2007	2	0	2
OV	%	JAX25-SB90-03	SA1351-1	NM	3/28/2007	3/29/2007	3/29/2007	1	0	1
OV	%	JAX25-SB85-03	SA1351-17	NM	3/28/2007	3/30/2007	3/30/2007	2	0	2
OV	UG/KG	JAX25-SB82-03	SA1351-18	NM	3/28/2007	3/30/2007	3/30/2007	2	0	2
OV	UG/KG	JAX25-SB94-03	SA1351-9	NM	3/28/2007	3/29/2007	3/29/2007	1	0	1
OV	UG/KG	JAX25-SB102-03	SA1351-22	NM	3/28/2007	3/30/2007	3/30/2007	2	0	2
OV	UG/KG	JAX25-SB99-01	SA1351-14	NM	3/28/2007	3/30/2007	3/30/2007	2	0	2
OV	UG/KG	JAX25-SB98-01	SA1351-13	NM	3/28/2007	3/30/2007	3/30/2007	2	0	2
OV	UG/KG	JAX25-SB97-03	SA1351-11	NM	3/28/2007	3/29/2007	3/29/2007	1	0	1
OV	UG/KG	JAX25-SB96-01RA	SA1351-12RA	NM	3/28/2007	3/30/2007	3/30/2007	2	0	2
OV	UG/KG	JAX25-SB96-01DL	SA1351-12DL	NM	3/28/2007	4/5/2007	4/5/2007	8	0	8
OV	UG/KG	JAX25-SB79-01	SA1351-21	NM	3/28/2007	3/30/2007	3/30/2007	2	0	2
OV	UG/KG	JAX25-SB95-01	SA1351-10	NM	3/28/2007	3/29/2007	3/29/2007	1	0	1
OV	UG/KG	JAX25-SB93-03	SA1351-4	NM	3/28/2007	3/29/2007	3/29/2007	1	0	1
OV	UG/KG	JAX25-SB92-03	SA1351-3	NM	3/28/2007	3/29/2007	3/29/2007	1	0	1
OV	UG/KG	JAX25-SB91-03	SA1351-2	NM	3/28/2007	3/29/2007	3/29/2007	1	0	1

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	UG/KG	JAX25-SB90-03	SA1351-1	NM	3/28/2007	3/29/2007	3/29/2007	1	0	1
OV	UG/KG	JAX25-SB103-03	SA1351-23	NM	3/28/2007	3/30/2007	3/30/2007	2	0	2
OV	UG/KG	JAX25-SB88-03	SA1351-7	NM	3/28/2007	3/29/2007	3/29/2007	1	0	1
OV	UG/KG	JAX25-SB87-03	SA1351-6	NM	3/28/2007	3/29/2007	3/29/2007	1	0	1
OV	UG/KG	JAX25-SB86-03RA	SA1351-5RA	NM	3/28/2007	3/30/2007	3/30/2007	2	0	2
OV	UG/KG	JAX25-SB85-03RA	SA1351-17RA	NM	3/28/2007	4/2/2007	4/2/2007	5	0	5
OV	UG/KG	JAX25-SB102-03RA	SA1351-22RA	NM	3/28/2007	4/2/2007	4/2/2007	5	0	5
OV	UG/KG	JAX25-SB85-03DL	SA1351-17DL	NM	3/28/2007	4/5/2007	4/5/2007	8	0	8
OV	UG/KG	JAX25-SB85-03	SA1351-17	NM	3/28/2007	3/30/2007	3/30/2007	2	0	2
OV	UG/KG	JAX25-SB84-03	SA1351-16	NM	3/28/2007	3/30/2007	3/30/2007	2	0	2
OV	UG/KG	JAX25-SB83-03	SA1351-15	NM	3/28/2007	3/30/2007	3/30/2007	2	0	2
OV	UG/KG	JAX25-SB81-03	SA1351-19	NM	3/28/2007	3/30/2007	3/30/2007	2	0	2
OV	UG/KG	JAX25-SB78-02	SA1351-20	NM	3/28/2007	3/30/2007	3/30/2007	2	0	2
OV	UG/KG	JAX25-SB89-03	SA1351-8	NM	3/28/2007	3/29/2007	3/29/2007	1	0	1
OV	UG/KG	JAX25-SB96-01	SA1351-12	NM	3/28/2007	3/29/2007	3/29/2007	1	0	1
OV	UG/L	TRIP BLANK	SA1351-24	NM	2/12/2007	3/30/2007	3/30/2007	46	0	46
TPH	%	JAX25-SB98-01DL2	SA1351-13DL2	NM	3/28/2007	3/30/2007	4/11/2007	2	12	14
TPH	%	JAX25-SB97-03	SA1351-11	NM	3/28/2007	3/30/2007	4/10/2007	2	11	13

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
TPH	%	JAX25-SB96-01DL2	SA1351-12DL2	NM	3/28/2007	3/30/2007	4/11/2007	2	12	14
TPH	%	JAX25-SB95-01	SA1351-10	NM	3/28/2007	3/30/2007	4/10/2007	2	11	13
TPH	%	JAX25-SB94-03	SA1351-9	NM	3/28/2007	3/30/2007	4/10/2007	2	11	13
TPH	%	JAX25-SB93-03DL	SA1351-4DL	NM	3/28/2007	3/30/2007	4/10/2007	2	11	13
TPH	%	JAX25-SB92-03	SA1351-3	NM	3/28/2007	3/30/2007	4/9/2007	2	10	12
TPH	%	JAX25-SB91-03RA	SA1351-2RA	NM	3/28/2007	3/30/2007	4/9/2007	2	10	12
TPH	%	JAX25-SB86-03DL	SA1351-5DL	NM	3/28/2007	3/30/2007	4/10/2007	2	11	13
TPH	%	JAX25-SB90-03RA	SA1351-1RA	NM	3/28/2007	3/30/2007	4/9/2007	2	10	12
TPH	%	JAX25-SB99-01	SA1351-14	NM	3/28/2007	3/30/2007	4/10/2007	2	11	13
TPH	%	JAX25-SB79-01	SA1351-21	NM	3/28/2007	4/4/2007	4/11/2007	7	7	14
TPH	%	JAX25-SB88-03	SA1351-7	NM	3/28/2007	3/30/2007	4/9/2007	2	10	12
TPH	%	JAX25-SB89-03	SA1351-8	NM	3/28/2007	3/30/2007	4/10/2007	2	11	13
TPH	%	JAX25-SB78-02	SA1351-20	NM	3/28/2007	3/30/2007	4/10/2007	2	11	13
TPH	%	JAX25-SB102-03	SA1351-22	NM	3/28/2007	4/4/2007	4/6/2007	7	2	9
TPH	%	JAX25-SB81-03	SA1351-19	NM	3/28/2007	3/30/2007	4/10/2007	2	11	13
TPH	%	JAX25-SB82-03	SA1351-18	NM	3/28/2007	3/30/2007	4/10/2007	2	11	13
TPH	%	JAX25-SB83-03	SA1351-15	NM	3/28/2007	3/30/2007	4/10/2007	2	11	13
TPH	%	JAX25-SB84-03	SA1351-16	NM	3/28/2007	3/30/2007	4/10/2007	2	11	13

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
TPH	%	JAX25-SB85-03DL2	SA1351-17DL2	NM	3/28/2007	3/30/2007	4/11/2007	2	12	14
TPH	%	JAX25-SB87-03RA	SA1351-6RA	NM	3/28/2007	3/30/2007	4/11/2007	2	12	14
TPH	%	JAX25-SB103-03	SA1351-23	NM	3/28/2007	4/4/2007	4/6/2007	7	2	9
TPH	MG/KG	JAX25-SB91-03RA	SA1351-2RA	NM	3/28/2007	3/30/2007	4/9/2007	2	10	12
TPH	MG/KG	JAX25-SB92-03	SA1351-3	NM	3/28/2007	3/30/2007	4/9/2007	2	10	12
TPH	MG/KG	JAX25-SB93-03DL	SA1351-4DL	NM	3/28/2007	3/30/2007	4/10/2007	2	11	13
TPH	MG/KG	JAX25-SB94-03	SA1351-9	NM	3/28/2007	3/30/2007	4/10/2007	2	11	13
TPH	MG/KG	JAX25-SB95-01	SA1351-10	NM	3/28/2007	3/30/2007	4/10/2007	2	11	13
TPH	MG/KG	JAX25-SB96-01DL2	SA1351-12DL2	NM	3/28/2007	3/30/2007	4/11/2007	2	12	14
TPH	MG/KG	JAX25-SB97-03	SA1351-11	NM	3/28/2007	3/30/2007	4/10/2007	2	11	13
TPH	MG/KG	JAX25-SB90-03RA	SA1351-1RA	NM	3/28/2007	3/30/2007	4/9/2007	2	10	12
TPH	MG/KG	JAX25-SB99-01	SA1351-14	NM	3/28/2007	3/30/2007	4/10/2007	2	11	13
TPH	MG/KG	JAX25-SB82-03	SA1351-18	NM	3/28/2007	3/30/2007	4/10/2007	2	11	13
TPH	MG/KG	JAX25-SB98-01DL2	SA1351-13DL2	NM	3/28/2007	3/30/2007	4/11/2007	2	12	14
TPH	MG/KG	JAX25-SB89-03	SA1351-8	NM	3/28/2007	3/30/2007	4/10/2007	2	11	13
TPH	MG/KG	JAX25-SB88-03	SA1351-7	NM	3/28/2007	3/30/2007	4/9/2007	2	10	12
TPH	MG/KG	JAX25-SB87-03RA	SA1351-6RA	NM	3/28/2007	3/30/2007	4/11/2007	2	12	14
TPH	MG/KG	JAX25-SB86-03DL	SA1351-5DL	NM	3/28/2007	3/30/2007	4/10/2007	2	11	13

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
TPH	MG/KG	JAX25-SB85-03DL2	SA1351-17DL2	NM	3/28/2007	3/30/2007	4/11/2007	2	12	14
TPH	MG/KG	JAX25-SB83-03	SA1351-15	NM	3/28/2007	3/30/2007	4/10/2007	2	11	13
TPH	MG/KG	JAX25-SB81-03	SA1351-19	NM	3/28/2007	3/30/2007	4/10/2007	2	11	13
TPH	MG/KG	JAX25-SB79-01	SA1351-21	NM	3/28/2007	4/4/2007	4/11/2007	7	7	14
TPH	MG/KG	JAX25-SB78-02	SA1351-20	NM	3/28/2007	3/30/2007	4/10/2007	2	11	13
TPH	MG/KG	JAX25-SB103-03	SA1351-23	NM	3/28/2007	4/4/2007	4/6/2007	7	2	9
TPH	MG/KG	JAX25-SB102-03	SA1351-22	NM	3/28/2007	4/4/2007	4/6/2007	7	2	9
TPH	MG/KG	JAX25-SB84-03	SA1351-16	NM	3/28/2007	3/30/2007	4/10/2007	2	11	13

SA1351

TETRA TECH NUS, INC. — **CHAIN OF CUSTODY** — NUMBER 2361 A — PAGE 1 OF 2

PROJECT NO: J12G00132	FACILITY: NAS JAX	PROJECT MANAGER: Mark Peterson	PHONE NUMBER: 904-636-6125	LABORATORY NAME AND CONTACT: Katahdin Analytical
SAMPLERS (SIGNATURE): [signature]		FIELD OPERATIONS LEADER: Chuck Metz	PHONE NUMBER: 904-636-6125	ADDRESS:
		CARRIER/WAYBILL NUMBER: Fed Ex –		CITY, STATE: Scarborough, ME

STANDARD TAT ☑ 21 day
RUSH TAT ☐ ☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G):
PRESERVATIVE USED:

DATE YEAR 2007	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	8260B	8270C SIM	FL-PRO					COMMENTS
3-28	1050	JAX25-SB90-03		3	3	SO	G	5	✓	✓	✓					Cool to 4°C
	1015	JAX 25-SB91-03		3	3				X	X	X					
	1010	JAX 25-SB92-03		3	3				X	X	X					PO# 1015276
	1055	JAX 25 SB93-03		3	3				X	X	X					
	1230	JAX 25 SB86-03		3	3				X	X	X					
	1235	JAX 25 SB87-03		3	3				X	X	X					
	1255	JAX 25 SB88-03		3	3				X	X	X					
	1300	JAX 25 SB89-03		3	3				X	X	X					
	1315	JAX 25 SB94-03		3	3				X	X	X					
	1335	JAX 25 SB95-01		1	1				X	X	X					
	1400	JAX 25 SB97-03		3	3				X	X	X					
	1420	JAX 25 SB96-01		1	1				X	X	X					
✓	1445	JAX 25 SB98-01		1	1				X	X	X					

1. RELINQUISHED BY [signature]	DATE 3-28-07	TIME 1915	1. RECEIVED BY [signature] DJ 03-29-07	DATE 032907	TIME 1000
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY) 4/02R

SA1351

TETRA TECH NUS, INC. | **CHAIN OF CUSTODY** | **NUMBER** 2361B | **PAGE** 2 **OF** 2

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
112G00132	NAS JAX	M. Peterson	904-636-6125	Katahdin Analytical / Andrea
SAMPLERS (SIGNATURE)		**FIELD OPERATIONS LEADER**	**PHONE NUMBER**	**ADDRESS**
DEK / CM		C. Metz	904-636-6125	
		CARRIER/WAYBILL NUMBER		**CITY, STATE**
		FedEx		Scarborough, ME

STANDARD TAT ☑ 21-DAY
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2007	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAP (G) COMP (C)	No. OF CONTAINERS	TYPE OF ANALYSIS: 8260B	8270 SIM	FL-PRO					COMMENTS
								CONTAINER TYPE PLASTIC (P) or GLASS (G)								
								PRESERVATIVE USED								
3/28	1505	JAX25-SB99-01		1	1	SO	G	5	x	x	x					Cool to 4°C
3/28	1530	JAX25-SB83-03		3	3	SO	G	5	x	x	x					
3/28	1550	JAX25-SB84-03		3	3	SO	G	5	x	x	x					PO# 1015276
3/28	1610	JAX25-SB85-03		3	3	SO	G	5	x	x	x					
3/28	1635	JAX25-SB82-03		3	3	SO	G	5	x	x	x					
3/28	1650	JAX25-SB81-03		3	3	SO	G	5	x	x	x					
3/28	1720	JAX25-SB78-02		2	3	SO	G	5	x	x	x					
3/28	1730	JAX25-SB79-01		2	3	SO	G	5	x	x	x					
3/28	1745	JAX25-SB102-03		3	3	SO	G	5	x	x	x					
3/28	1755	JAX25-SB103-03		3	3	SO	G	5	x	x	x					
2/12/07	1115	Trip Blank				QC		2	2							

1. RELINQUISHED BY CM	DATE 3-28-07	TIME 1915	1. RECEIVED BY	DATE 032907	TIME 1000
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME
COMMENTS					

00000009

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY) 4/02R

PROJ_NO: 00132

SDG: SA1351 MEDIA: WATER DATA FRACTION: OV

nsample	TRIP BLANK
samp_date	2/12/2007
lab_id	SA1351-24
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZENE	0.5	U	
ETHYLBENZENE	0.3	U	
M+P-XYLENES	1	U	
METHYL TERT-BUTYL ETHER	0.5	U	
O-XYLENE	0.4	U	
TOLUENE	0.4	U	
TOTAL XYLENES	1	U	

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: OV

nsample	JAX25-SB102-03	nsample	JAX25-SB103-03	nsample	JAX25-SB78-02
samp_date	3/28/2007	samp_date	3/28/2007	samp_date	3/28/2007
lab_id	SA1351-22	lab_id	SA1351-23	lab_id	SA1351-20
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	89.6	Pct_Solids	92.4	Pct_Solids	88.7
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZENE	0.9	UR	M
ETHYLBENZENE	0.8	UR	M
M+P-XYLENES	4	UR	M
METHYL TERT-BUTYL ETHER	2	UR	M
O-XYLENE	2	UR	M
TOLUENE	2	UR	M
TOTAL XYLENES	5	UR	M

Parameter	Result	Val Qual	Qual Code
BENZENE	1	U	
ETHYLBENZENE	0.8	U	
M+P-XYLENES	4	U	
METHYL TERT-BUTYL ETHER	2	U	
O-XYLENE	2	U	
TOLUENE	2	U	
TOTAL XYLENES	6	U	

Parameter	Result	Val Qual	Qual Code
BENZENE	0.9	U	
ETHYLBENZENE	0.8	U	
M+P-XYLENES	4	U	
METHYL TERT-BUTYL ETHER	2	U	
O-XYLENE	2	U	
TOLUENE	2	U	
TOTAL XYLENES	5	U	

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: OV

nsample	JAX25-SB79-01
samp_date	3/28/2007
lab_id	SA1351-21
qc_type	NM
units	UG/KG
Pct_Solids	93.3
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZENE	1	U	
ETHYLBENZENE	0.9	U	
M+P-XYLENES	4	U	
METHYL TERT-BUTYL ETHER	2	U	
O-XYLENE	2	U	
TOLUENE	2	U	
TOTAL XYLENES	6	U	

nsample	JAX25-SB81-03
samp_date	3/28/2007
lab_id	SA1351-19
qc_type	NM
units	UG/KG
Pct_Solids	92.9
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZENE	1	U	
ETHYLBENZENE	0.9	U	
M+P-XYLENES	4	U	
METHYL TERT-BUTYL ETHER	2	U	
O-XYLENE	2	U	
TOLUENE	2	U	
TOTAL XYLENES	6	U	

nsample	JAX25-SB82-03
samp_date	3/28/2007
lab_id	SA1351-18
qc_type	NM
units	UG/KG
Pct_Solids	88.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZENE	1	U	
ETHYLBENZENE	0.8	U	
M+P-XYLENES	4	U	
METHYL TERT-BUTYL ETHER	2	U	
O-XYLENE	2	U	
TOLUENE	2	U	
TOTAL XYLENES	5	U	

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: OV

nsample	JAX25-SB83-03	nsample	JAX25-SB84-03	nsample	JAX25-SB85-03
samp_date	3/28/2007	samp_date	3/28/2007	samp_date	3/28/2007
lab_id	SA1351-15	lab_id	SA1351-16	lab_id	SA1351-17
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	72.9	Pct_Solids	88.5	Pct_Solids	93.6
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZENE	2	U	
ETHYLBENZENE	1	U	
M+P-XYLENES	6	U	
METHYL TERT-BUTYL ETHER	3	U	
O-XYLENE	2	U	
TOLUENE	3	U	
TOTAL XYLENES	9	U	

Parameter	Result	Val Qual	Qual Code
BENZENE	1	U	
ETHYLBENZENE	0.9	U	
M+P-XYLENES	4	U	
METHYL TERT-BUTYL ETHER	2	U	
O-XYLENE	2	U	
TOLUENE	2	U	
TOTAL XYLENES	6	U	

Parameter	Result	Val Qual	Qual Code
BENZENE	1	U	
ETHYLBENZENE	19		
M+P-XYLENES	7	J	P
METHYL TERT-BUTYL ETHER	2	U	
O-XYLENE	10		
TOLUENE	2	U	
TOTAL XYLENES	17	J	P

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: OV

nsample	JAX25-SB86-03RA	nsample	JAX25-SB87-03	nsample	JAX25-SB88-03
samp_date	3/28/2007	samp_date	3/28/2007	samp_date	3/28/2007
lab_id	SA1351-5RA	lab_id	SA1351-6	lab_id	SA1351-7
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	79.7	Pct_Solids	92.0	Pct_Solids	92.5
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZENE	1	U	
ETHYLBENZENE	1	U	
M+P-XYLENES	5	U	
METHYL TERT-BUTYL ETHER	2	U	
O-XYLENE	2	U	
TOLUENE	2	U	
TOTAL XYLENES	7	U	

Parameter	Result	Val Qual	Qual Code
BENZENE	0.9	U	
ETHYLBENZENE	0.8	U	
M+P-XYLENES	4	U	
METHYL TERT-BUTYL ETHER	2	U	
O-XYLENE	2	U	
TOLUENE	2	U	
TOTAL XYLENES	5	U	

Parameter	Result	Val Qual	Qual Code
BENZENE	0.9	U	
ETHYLBENZENE	0.8	U	
M+P-XYLENES	4	U	
METHYL TERT-BUTYL ETHER	2	U	
O-XYLENE	2	U	
TOLUENE	2	U	
TOTAL XYLENES	5	U	

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: OV

nsample	JAX25-SB89-03
samp_date	3/28/2007
lab_id	SA1351-8
qc_type	NM
units	UG/KG
Pct_Solids	93.2
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZENE	1	U	
ETHYLBENZENE	0.8	U	
M+P-XYLENES	4	U	
METHYL TERT-BUTYL ETHER	2	U	
O-XYLENE	2	U	
TOLUENE	2	U	
TOTAL XYLENES	5	U	

nsample	JAX25-SB90-03
samp_date	3/28/2007
lab_id	SA1351-1
qc_type	NM
units	UG/KG
Pct_Solids	72.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZENE	1	U	
ETHYLBENZENE	0.9	U	
M+P-XYLENES	4	U	
METHYL TERT-BUTYL ETHER	2	U	
O-XYLENE	2	U	
TOLUENE	2	U	
TOTAL XYLENES	6	U	

nsample	JAX25-SB91-03
samp_date	3/28/2007
lab_id	SA1351-2
qc_type	NM
units	UG/KG
Pct_Solids	88.3
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZENE	0.7	U	
ETHYLBENZENE	0.6	U	
M+P-XYLENES	3	U	
METHYL TERT-BUTYL ETHER	1	U	
O-XYLENE	1	U	
TOLUENE	1	U	
TOTAL XYLENES	4	U	

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: OV

nsample	JAX25-SB92-03
samp_date	3/28/2007
lab_id	SA1351-3
qc_type	NM
units	UG/KG
Pct_Solids	83.1
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZENE	0.9	U	
ETHYLBENZENE	0.8	U	
M+P-XYLENES	4	U	
METHYL TERT-BUTYL ETHER	2	U	
O-XYLENE	1	U	
TOLUENE	2	U	
TOTAL XYLENES	5	U	

nsample	JAX25-SB93-03
samp_date	3/28/2007
lab_id	SA1351-4
qc_type	NM
units	UG/KG
Pct_Solids	89.6
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZENE	1	U	
ETHYLBENZENE	3	J	P
M+P-XYLENES	5	U	
METHYL TERT-BUTYL ETHER	2	U	
O-XYLENE	2	U	
TOLUENE	2	U	
TOTAL XYLENES	6	U	

nsample	JAX25-SB94-03
samp_date	3/28/2007
lab_id	SA1351-9
qc_type	NM
units	UG/KG
Pct_Solids	89.5
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZENE	1	U	
ETHYLBENZENE	0.8	U	
M+P-XYLENES	4	U	
METHYL TERT-BUTYL ETHER	2	U	
O-XYLENE	2	U	
TOLUENE	2	U	
TOTAL XYLENES	6	U	

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: OV

nsample	JAX25-SB95-01	nsample	JAX25-SB96-01DL	nsample	JAX25-SB97-03
samp_date	3/28/2007	samp_date	3/28/2007	samp_date	3/28/2007
lab_id	SA1351-10	lab_id	SA1351-12DL	lab_id	SA1351-11
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	92.9	Pct_Solids	91.9	Pct_Solids	83.4
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZENE	1	U	
ETHYLBENZENE	0.9	U	
M+P-XYLENES	4	U	
METHYL TERT-BUTYL ETHER	2	U	
O-XYLENE	2	U	
TOLUENE	2	U	
TOTAL XYLENES	6	U	

Parameter	Result	Val Qual	Qual Code
BENZENE	48	U	
ETHYLBENZENE	85	J	P
M+P-XYLENES	200	U	
METHYL TERT-BUTYL ETHER	90	U	
O-XYLENE	80	U	
TOLUENE	98	U	
TOTAL XYLENES	280	U	

Parameter	Result	Val Qual	Qual Code
BENZENE	1	U	
ETHYLBENZENE	0.8	U	
M+P-XYLENES	4	U	
METHYL TERT-BUTYL ETHER	2	U	
O-XYLENE	2	U	
TOLUENE	2	U	
TOTAL XYLENES	5	U	

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: OV

nsample	JAX25-SB98-01	nsample	JAX25-SB99-01
samp_date	3/28/2007	samp_date	3/28/2007
lab_id	SA1351-13	lab_id	SA1351-14
qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG
Pct_Solids	76.0	Pct_Solids	94.0
DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZENE	1	U	
ETHYLBENZENE	6	J	P
M+P-XYLENES	5	U	
METHYL TERT-BUTYL ETHER	2	U	
O-XYLENE	2	U	
TOLUENE	2	U	
TOTAL XYLENES	7	U	

Parameter	Result	Val Qual	Qual Code
BENZENE	0.9	U	
ETHYLBENZENE	0.7	U	
M+P-XYLENES	4	U	
METHYL TERT-BUTYL ETHER	2	U	
O-XYLENE	1	U	
TOLUENE	2	U	
TOTAL XYLENES	5	U	

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: PAH

nsample	JAX25-SB102-03	nsample	JAX25-SB103-03	nsample	JAX25-SB78-02
samp_date	3/28/2007	samp_date	3/28/2007	samp_date	3/28/2007
lab_id	SA1351-22	lab_id	SA1351-23	lab_id	SA1351-20
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	89.6	Pct_Solids	92.4	Pct_Solids	88.7
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	10	U	
2-METHYLNAPHTHALENE	8	U	
ACENAPHTHENE	6	U	
ACENAPHTHYLENE	2	U	
ANTHRACENE	4	U	
BENZO(A)ANTHRACENE	3	U	
BENZO(A)PYRENE	3	U	
BENZO(B)FLUORANTHENE	3	U	
BENZO(G,H,I)PERYLENE	3	U	
BENZO(K)FLUORANTHENE	3	U	
CHRYSENE	3	U	
DIBENZO(A,H)ANTHRACENE	4	U	
FLUORANTHENE	4	U	
FLUORENE	3	U	
INDENO(1,2,3-CD)PYRENE	5	U	
NAPHTHALENE	3	U	
PHENANTHRENE	3	U	
PYRENE	4	U	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	10	U	
2-METHYLNAPHTHALENE	8	U	
ACENAPHTHENE	6	U	
ACENAPHTHYLENE	2	U	
ANTHRACENE	4	U	
BENZO(A)ANTHRACENE	3	U	
BENZO(A)PYRENE	3	U	
BENZO(B)FLUORANTHENE	3	U	
BENZO(G,H,I)PERYLENE	3	U	
BENZO(K)FLUORANTHENE	3	U	
CHRYSENE	3	U	
DIBENZO(A,H)ANTHRACENE	4	U	
FLUORANTHENE	4	U	
FLUORENE	3	U	
INDENO(1,2,3-CD)PYRENE	5	U	
NAPHTHALENE	3	U	
PHENANTHRENE	3	U	
PYRENE	3	U	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	10	U	
2-METHYLNAPHTHALENE	8	U	
ACENAPHTHENE	7	U	
ACENAPHTHYLENE	2	U	
ANTHRACENE	4	U	
BENZO(A)ANTHRACENE	3	U	
BENZO(A)PYRENE	3	U	
BENZO(B)FLUORANTHENE	3	U	
BENZO(G,H,I)PERYLENE	4	J	P
BENZO(K)FLUORANTHENE	3	U	
CHRYSENE	3	U	
DIBENZO(A,H)ANTHRACENE	4	U	
FLUORANTHENE	4	U	
FLUORENE	3	U	
INDENO(1,2,3-CD)PYRENE	6	J	P
NAPHTHALENE	3	U	
PHENANTHRENE	3	U	
PYRENE	4	U	

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: PAH

nsample	JAX25-SB79-01	nsample	JAX25-SB81-03	nsample	JAX25-SB82-03
samp_date	3/28/2007	samp_date	3/28/2007	samp_date	3/28/2007
lab_id	SA1351-21	lab_id	SA1351-19	lab_id	SA1351-18
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	93.3	Pct_Solids	92.9	Pct_Solids	88.8
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	10	U	
2-METHYLNAPHTHALENE	8	U	
ACENAPHTHENE	6	U	
ACENAPHTHYLENE	9	J	P
ANTHRACENE	6	J	P
BENZO(A)ANTHRACENE	49		
BENZO(A)PYRENE	50		
BENZO(B)FLUORANTHENE	77		
BENZO(G,H,I)PERYLENE	38		
BENZO(K)FLUORANTHENE	29		
CHRYSENE	45		
DIBENZO(A,H)ANTHRACENE	13	J	P
FLUORANTHENE	59		
FLUORENE	3	U	
INDENO(1,2,3-CD)PYRENE	59		
NAPHTHALENE	3	U	
PHENANTHRENE	13	J	P
PYRENE	56		

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	10	U	
2-METHYLNAPHTHALENE	8	U	
ACENAPHTHENE	6	U	
ACENAPHTHYLENE	2	U	
ANTHRACENE	4	U	
BENZO(A)ANTHRACENE	3	U	
BENZO(A)PYRENE	3	U	
BENZO(B)FLUORANTHENE	3	U	
BENZO(G,H,I)PERYLENE	3	U	
BENZO(K)FLUORANTHENE	3	U	
CHRYSENE	5	J	P
DIBENZO(A,H)ANTHRACENE	4	U	
FLUORANTHENE	5	J	P
FLUORENE	3	U	
INDENO(1,2,3-CD)PYRENE	5	U	
NAPHTHALENE	3	U	
PHENANTHRENE	3	J	P
PYRENE	6	J	P

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	10	U	
2-METHYLNAPHTHALENE	8	U	
ACENAPHTHENE	7	U	
ACENAPHTHYLENE	2	U	
ANTHRACENE	4	U	
BENZO(A)ANTHRACENE	3	U	
BENZO(A)PYRENE	3	U	
BENZO(B)FLUORANTHENE	3	U	
BENZO(G,H,I)PERYLENE	3	U	
BENZO(K)FLUORANTHENE	3	U	
CHRYSENE	3	U	
DIBENZO(A,H)ANTHRACENE	4	U	
FLUORANTHENE	4	U	
FLUORENE	3	U	
INDENO(1,2,3-CD)PYRENE	5	U	
NAPHTHALENE	3	U	
PHENANTHRENE	3	U	
PYRENE	4	U	

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: PAH

nsample	JAX25-SB83-03	nsample	JAX25-SB84-03	nsample	JAX25-SB85-03DL
samp_date	3/28/2007	samp_date	3/28/2007	samp_date	3/28/2007
lab_id	SA1351-15	lab_id	SA1351-16	lab_id	SA1351-17DL
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	72.9	Pct_Solids	88.5	Pct_Solids	93.6
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	13	U	
2-METHYLNAPHTHALENE	10	U	
ACENAPHTHENE	8	U	
ACENAPHTHYLENE	3	U	
ANTHRACENE	5	U	
BENZO(A)ANTHRACENE	4	U	
BENZO(A)PYRENE	4	U	
BENZO(B)FLUORANTHENE	4	U	
BENZO(G,H,I)PERYLENE	4	U	
BENZO(K)FLUORANTHENE	4	U	
CHRYSENE	4	U	
DIBENZO(A,H)ANTHRACENE	5	U	
FLUORANTHENE	5	U	
FLUORENE	4	U	
INDENO(1,2,3-CD)PYRENE	6	U	
NAPHTHALENE	4	U	
PHENANTHRENE	4	U	
PYRENE	4	U	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	10	U	
2-METHYLNAPHTHALENE	8	U	
ACENAPHTHENE	7	U	
ACENAPHTHYLENE	2	U	
ANTHRACENE	4	U	
BENZO(A)ANTHRACENE	3	U	
BENZO(A)PYRENE	3	U	
BENZO(B)FLUORANTHENE	4	U	
BENZO(G,H,I)PERYLENE	4	U	
BENZO(K)FLUORANTHENE	3	U	
CHRYSENE	3	U	
DIBENZO(A,H)ANTHRACENE	4	U	
FLUORANTHENE	4	U	
FLUORENE	4	U	
INDENO(1,2,3-CD)PYRENE	5	U	
NAPHTHALENE	3	U	
PHENANTHRENE	3	U	
PYRENE	4	U	

Parameter	Result	Val Qual	Qual Code
ACENAPHTHENE	1400		
ACENAPHTHYLENE	24	U	
ANTHRACENE	96	J	P
BENZO(A)ANTHRACENE	69	J	P
BENZO(A)PYRENE	50	J	P
BENZO(B)FLUORANTHENE	97	J	P
BENZO(G,H,I)PERYLENE	33	U	
BENZO(K)FLUORANTHENE	32	U	
CHRYSENE	34	J	P
DIBENZO(A,H)ANTHRACENE	42	J	P
FLUORANTHENE	230		
FLUORENE	1100		
INDENO(1,2,3-CD)PYRENE	48	U	
NAPHTHALENE	960		
PHENANTHRENE	750		
PYRENE	200	J	P

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: PAH

nsample	JAX25-SB85-03DL2
samp_date	3/28/2007
lab_id	SA1351-17DL2
qc_type	NM
units	UG/KG
Pct_Solids	93.6
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	34000		
2-METHYLNAPHTHALENE	53000		

nsample	JAX25-SB86-03
samp_date	3/28/2007
lab_id	SA1351-5
qc_type	NM
units	UG/KG
Pct_Solids	79.7
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	12	U	
2-METHYLNAPHTHALENE	9	U	
ACENAPHTHENE	7	U	
ACENAPHTHYLENE	3	U	
ANTHRACENE	10	J	P
BENZO(A)ANTHRACENE	40		
BENZO(A)PYRENE	73		
BENZO(B)FLUORANTHENE	150		
BENZO(G,H,I)PERYLENE	110		
BENZO(K)FLUORANTHENE	49		
CHRYSENE	53		
DIBENZO(A,H)ANTHRACENE	29		
FLUORANTHENE	30		
FLUORENE	4	U	
INDENO(1,2,3-CD)PYRENE	140		
NAPHTHALENE	3	U	
PHENANTHRENE	9	J	P
PYRENE	24	J	P

nsample	JAX25-SB87-03
samp_date	3/28/2007
lab_id	SA1351-6
qc_type	NM
units	UG/KG
Pct_Solids	92.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	10	U	
2-METHYLNAPHTHALENE	8	U	
ACENAPHTHENE	6	U	
ACENAPHTHYLENE	3	J	P
ANTHRACENE	4	U	
BENZO(A)ANTHRACENE	8	J	P
BENZO(A)PYRENE	12	J	P
BENZO(B)FLUORANTHENE	24		
BENZO(G,H,I)PERYLENE	31		
BENZO(K)FLUORANTHENE	5	J	P
CHRYSENE	9	J	P
DIBENZO(A,H)ANTHRACENE	7	J	P
FLUORANTHENE	8	J	P
FLUORENE	3	U	
INDENO(1,2,3-CD)PYRENE	31		
NAPHTHALENE	3	U	
PHENANTHRENE	4	J	P
PYRENE	10	J	P

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: PAH

nsample	JAX25-SB88-03	nsample	JAX25-SB89-03	nsample	JAX25-SB90-03
samp_date	3/28/2007	samp_date	3/28/2007	samp_date	3/28/2007
lab_id	SA1351-7	lab_id	SA1351-8	lab_id	SA1351-1
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	92.5	Pct_Solids	93.2	Pct_Solids	72.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	10	U	
2-METHYLNAPHTHALENE	8	U	
ACENAPHTHENE	6	U	
ACENAPHTHYLENE	2	U	
ANTHRACENE	4	U	
BENZO(A)ANTHRACENE	3	J	P
BENZO(A)PYRENE	5	J	P
BENZO(B)FLUORANTHENE	10	J	P
BENZO(G,H,I)PERYLENE	6	J	P
BENZO(K)FLUORANTHENE	3	U	
CHRYSENE	4	J	P
DIBENZO(A,H)ANTHRACENE	4	U	
FLUORANTHENE	6	J	P
FLUORENE	3	U	
INDENO(1,2,3-CD)PYRENE	7	J	P
NAPHTHALENE	3	U	
PHENANTHRENE	3	U	
PYRENE	5	J	P

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	10	U	
2-METHYLNAPHTHALENE	8	U	
ACENAPHTHENE	6	U	
ACENAPHTHYLENE	4	J	P
ANTHRACENE	4	U	
BENZO(A)ANTHRACENE	11	J	P
BENZO(A)PYRENE	8	J	P
BENZO(B)FLUORANTHENE	14	J	P
BENZO(G,H,I)PERYLENE	7	J	P
BENZO(K)FLUORANTHENE	4	J	P
CHRYSENE	9	J	P
DIBENZO(A,H)ANTHRACENE	4	U	
FLUORANTHENE	17	J	P
FLUORENE	3	U	
INDENO(1,2,3-CD)PYRENE	9	J	P
NAPHTHALENE	3	U	
PHENANTHRENE	9	J	P
PYRENE	12	J	P

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	13	U	
2-METHYLNAPHTHALENE	10	U	
ACENAPHTHENE	8	U	
ACENAPHTHYLENE	3	U	
ANTHRACENE	5	U	
BENZO(A)ANTHRACENE	9	J	P
BENZO(A)PYRENE	6	J	P
BENZO(B)FLUORANTHENE	4	U	
BENZO(G,H,I)PERYLENE	12	J	P
BENZO(K)FLUORANTHENE	4	U	
CHRYSENE	4	U	
DIBENZO(A,H)ANTHRACENE	5	U	
FLUORANTHENE	12	J	P
FLUORENE	4	U	
INDENO(1,2,3-CD)PYRENE	6	U	
NAPHTHALENE	4	U	
PHENANTHRENE	4	U	
PYRENE	7	J	P

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: PAH

nsample	JAX25-SB91-03	nsample	JAX25-SB92-03	nsample	JAX25-SB93-03
samp_date	3/28/2007	samp_date	3/28/2007	samp_date	3/28/2007
lab_id	SA1351-2	lab_id	SA1351-3	lab_id	SA1351-4
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	88.3	Pct_Solids	83.1	Pct_Solids	89.6
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	10	U	
2-METHYLNAPHTHALENE	8	U	
ACENAPHTHENE	7	U	
ACENAPHTHYLENE	2	U	
ANTHRACENE	4	U	
BENZO(A)ANTHRACENE	5	J	P
BENZO(A)PYRENE	5	J	P
BENZO(B)FLUORANTHENE	11	J	P
BENZO(G,H,I)PERYLENE	8	J	P
BENZO(K)FLUORANTHENE	3	U	
CHRYSENE	5	J	P
DIBENZO(A,H)ANTHRACENE	4	U	
FLUORANTHENE	6	J	P
FLUORENE	4	U	
INDENO(1,2,3-CD)PYRENE	8	J	P
NAPHTHALENE	3	U	
PHENANTHRENE	3	U	
PYRENE	6	J	P

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	11	U	
2-METHYLNAPHTHALENE	9	U	
ACENAPHTHENE	7	U	
ACENAPHTHYLENE	3	U	
ANTHRACENE	4	U	
BENZO(A)ANTHRACENE	12	J	P
BENZO(A)PYRENE	14	J	P
BENZO(B)FLUORANTHENE	25		
BENZO(G,H,I)PERYLENE	14	J	P
BENZO(K)FLUORANTHENE	8	J	P
CHRYSENE	14	J	P
DIBENZO(A,H)ANTHRACENE	6	J	P
FLUORANTHENE	20	J	P
FLUORENE	4	U	
INDENO(1,2,3-CD)PYRENE	19	J	P
NAPHTHALENE	3	U	
PHENANTHRENE	8	J	P
PYRENE	17	J	P

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	10	U	
2-METHYLNAPHTHALENE	10	J	P
ACENAPHTHENE	6	U	
ACENAPHTHYLENE	2	U	
ANTHRACENE	4	U	
BENZO(A)ANTHRACENE	12	J	P
BENZO(A)PYRENE	14	J	P
BENZO(B)FLUORANTHENE	27		
BENZO(G,H,I)PERYLENE	16	J	P
BENZO(K)FLUORANTHENE	9	J	P
CHRYSENE	14	J	P
DIBENZO(A,H)ANTHRACENE	6	J	P
FLUORANTHENE	17	J	P
FLUORENE	3	U	
INDENO(1,2,3-CD)PYRENE	18	J	P
NAPHTHALENE	4	J	P
PHENANTHRENE	8	J	P
PYRENE	22	J	P

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: PAH

nsample	JAX25-SB94-03	nsample	JAX25-SB94-03DL	nsample	JAX25-SB95-01
samp_date	3/28/2007	samp_date	3/28/2007	samp_date	3/28/2007
lab_id	SA1351-9	lab_id	SA1351-9DL	lab_id	SA1351-10
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	89.5	Pct_Solids	89.5	Pct_Solids	92.9
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	10	U	
2-METHYLNAPHTHALENE	8	J	P
ACENAPHTHYLENE	2	U	
ANTHRACENE	5	J	P
BENZO(A)ANTHRACENE	3	U	
BENZO(A)PYRENE	3	U	
BENZO(B)FLUORANTHENE	6	J	P
BENZO(G,H,I)PERYLENE	3	U	
BENZO(K)FLUORANTHENE	3	U	
CHRYSENE	3	U	
DIBENZO(A,H)ANTHRACENE	4	U	
FLUORANTHENE	7	J	P
FLUORENE	74		
INDENO(1,2,3-CD)PYRENE	5	U	
NAPHTHALENE	3	U	
PHENANTHRENE	33		
PYRENE	5	J	P

Parameter	Result	Val Qual	Qual Code
ACENAPHTHENE	190		

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	47		
2-METHYLNAPHTHALENE	57		
ACENAPHTHENE	18	J	P
ACENAPHTHYLENE	7	J	P
ANTHRACENE	24		
BENZO(A)ANTHRACENE	24		
BENZO(A)PYRENE	18	J	P
BENZO(B)FLUORANTHENE	25		
BENZO(G,H,I)PERYLENE	11	J	P
BENZO(K)FLUORANTHENE	7	J	P
CHRYSENE	22		
DIBENZO(A,H)ANTHRACENE	4	U	
FLUORANTHENE	71		
FLUORENE	71		
INDENO(1,2,3-CD)PYRENE	18	J	P
NAPHTHALENE	34		
PYRENE	71		

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: PAH

nsample	JAX25-SB95-01DL
samp_date	3/28/2007
lab_id	SA1351-10DL
qc_type	NM
units	UG/KG
Pct_Solids	92.9
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
PHENANTHRENE	210		

nsample	JAX25-SB96-01DL
samp_date	3/28/2007
lab_id	SA1351-12DL
qc_type	NM
units	UG/KG
Pct_Solids	91.9
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ACENAPHTHENE	1500		
ACENAPHTHYLENE	490		
ANTHRACENE	1300		
BENZO(A)PYRENE	1400		
BENZO(B)FLUORANTHENE	1300		
BENZO(G,H,I)PERYLENE	530		
BENZO(K)FLUORANTHENE	470		
DIBENZO(A,H)ANTHRACENE	240		
INDENO(1,2,3-CD)PYRENE	940		

nsample	JAX25-SB96-01DL2
samp_date	3/28/2007
lab_id	SA1351-12DL2
qc_type	NM
units	UG/KG
Pct_Solids	91.9
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	3400		
2-METHYLNAPHTHALENE	3800		
BENZO(A)ANTHRACENE	2400		
CHRYSENE	2400		
FLUORANTHENE	4000		
FLUORENE	2900		
NAPHTHALENE	3100		
PHENANTHRENE	10000		
PYRENE	5400		

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: PAH

nsample	JAX25-SB97-03
samp_date	3/28/2007
lab_id	SA1351-11
qc_type	NM
units	UG/KG
Pct_Solids	83.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	100		
2-METHYLNAPHTHALENE	160		
ACENAPHTHYLENE	3	U	
DIBENZO(A,H)ANTHRACENE	130		
INDENO(1,2,3-CD)PYRENE	76		
NAPHTHALENE	6	J	P

nsample	JAX25-SB97-03DL
samp_date	3/28/2007
lab_id	SA1351-11DL
qc_type	NM
units	UG/KG
Pct_Solids	83.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ACENAPHTHENE	920	I	
ANTHRACENE	1700		
BENZO(A)ANTHRACENE	1900		
BENZO(A)PYRENE	870	I	
BENZO(B)FLUORANTHENE	1400		
BENZO(G,H,I)PERYLENE	860	I	
BENZO(K)FLUORANTHENE	530	I	
CHRYSENE	1400		
FLUORANTHENE	7200		
FLUORENE	1500		
PHENANTHRENE	7200		
PYRENE	5600		

nsample	JAX25-SB98-01
samp_date	3/28/2007
lab_id	SA1351-13
qc_type	NM
units	UG/KG
Pct_Solids	76.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	95		
2-METHYLNAPHTHALENE	130		
ACENAPHTHENE	45		
ACENAPHTHYLENE	95		
ANTHRACENE	210		
BENZO(G,H,I)PERYLENE	180		
BENZO(K)FLUORANTHENE	180		
DIBENZO(A,H)ANTHRACENE	75		
FLUORENE	190		
NAPHTHALENE	47		

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: PAH

nsample	JAX25-SB98-01DL
samp_date	3/28/2007
lab_id	SA1351-13DL
qc_type	NM
units	UG/KG
Pct_Solids	76.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZO(A)ANTHRACENE	800		
BENZO(A)PYRENE	550		
BENZO(B)FLUORANTHENE	580		
CHRYSENE	690		
FLUORANTHENE	1700		
INDENO(1,2,3-CD)PYRENE	490		
PHENANTHRENE	1400		
PYRENE	1600		

nsample	JAX25-SB99-01
samp_date	3/28/2007
lab_id	SA1351-14
qc_type	NM
units	UG/KG
Pct_Solids	94.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	10	U	
2-METHYLNAPHTHALENE	12	J	P
ACENAPHTHENE	6	U	
ACENAPHTHYLENE	2	U	
ANTHRACENE	8	J	P
BENZO(A)ANTHRACENE	3	U	
BENZO(A)PYRENE	3	U	
BENZO(B)FLUORANTHENE	3	U	
BENZO(G,H,I)PERYLENE	3	U	
BENZO(K)FLUORANTHENE	3	U	
CHRYSENE	3	J	P
DIBENZO(A,H)ANTHRACENE	4	U	
FLUORANTHENE	10	J	P
FLUORENE	20	J	P
INDENO(1,2,3-CD)PYRENE	5	U	
NAPHTHALENE	6	J	P
PHENANTHRENE	84		
PYRENE	10	J	P

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: PET

nsample	JAX25-SB102-03
samp_date	3/28/2007
lab_id	SA1351-22
qc_type	NM
units	MG/KG
Pct_Solids	89.6
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TPH (C08-C40)	13	U	A

nsample	JAX25-SB103-03
samp_date	3/28/2007
lab_id	SA1351-23
qc_type	NM
units	MG/KG
Pct_Solids	92.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TPH (C08-C40)	7.3	U	A

nsample	JAX25-SB78-02
samp_date	3/28/2007
lab_id	SA1351-20
qc_type	NM
units	MG/KG
Pct_Solids	88.7
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TPH (C08-C40)	26	U	A

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: PET

nsample	JAX25-SB79-01
samp_date	3/28/2007
lab_id	SA1351-21
qc_type	NM
units	MG/KG
Pct_Solids	93.3
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TPH (C08-C40)	110		

nsample	JAX25-SB81-03
samp_date	3/28/2007
lab_id	SA1351-19
qc_type	NM
units	MG/KG
Pct_Solids	92.9
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TPH (C08-C40)	98		

nsample	JAX25-SB82-03
samp_date	3/28/2007
lab_id	SA1351-18
qc_type	NM
units	MG/KG
Pct_Solids	88.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TPH (C08-C40)	30	U	A

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: PET

nsample	JAX25-SB83-03	nsample	JAX25-SB84-03	nsample	JAX25-SB85-03DL2
samp_date	3/28/2007	samp_date	3/28/2007	samp_date	3/28/2007
lab_id	SA1351-15	lab_id	SA1351-16	lab_id	SA1351-17DL2
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	72.9	Pct_Solids	88.5	Pct_Solids	93.6
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TPH (C08-C40)	15	U	A

Parameter	Result	Val Qual	Qual Code
TPH (C08-C40)	9.1	U	A

Parameter	Result	Val Qual	Qual Code
TPH (C08-C40)	12000		

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: PET

nsample	JAX25-SB86-03DL
samp_date	3/28/2007
lab_id	SA1351-5DL
qc_type	NM
units	MG/KG
Pct_Solids	79.7
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TPH (C08-C40)	300		

nsample	JAX25-SB87-03RA
samp_date	3/28/2007
lab_id	SA1351-6RA
qc_type	NM
units	MG/KG
Pct_Solids	92.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TPH (C08-C40)	82		

nsample	JAX25-SB88-03
samp_date	3/28/2007
lab_id	SA1351-7
qc_type	NM
units	MG/KG
Pct_Solids	92.5
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TPH (C08-C40)	13	U	A

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: PET

nsample	JAX25-SB89-03	nsample	JAX25-SB90-03RA	nsample	JAX25-SB91-03RA
samp_date	3/28/2007	samp_date	3/28/2007	samp_date	3/28/2007
lab_id	SA1351-8	lab_id	SA1351-1RA	lab_id	SA1351-2RA
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	93.2	Pct_Solids	72.0	Pct_Solids	88.3
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TPH (C08-C40)	17	U	A

Parameter	Result	Val Qual	Qual Code
TPH (C08-C40)	76		

Parameter	Result	Val Qual	Qual Code
TPH (C08-C40)	51		

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: PET

nsample	JAX25-SB92-03
samp_date	3/28/2007
lab_id	SA1351-3
qc_type	NM
units	MG/KG
Pct_Solids	83.1
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TPH (C08-C40)	66		

nsample	JAX25-SB93-03DL
samp_date	3/28/2007
lab_id	SA1351-4DL
qc_type	NM
units	MG/KG
Pct_Solids	89.6
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TPH (C08-C40)	190	V	

nsample	JAX25-SB94-03
samp_date	3/28/2007
lab_id	SA1351-9
qc_type	NM
units	MG/KG
Pct_Solids	89.5
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TPH (C08-C40)	26	U	A

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: PET

nsample	JAX25-SB95-01	nsample	JAX25-SB96-01DL2	nsample	JAX25-SB97-03
samp_date	3/28/2007	samp_date	3/28/2007	samp_date	3/28/2007
lab_id	SA1351-10	lab_id	SA1351-12DL2	lab_id	SA1351-11
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	92.9	Pct_Solids	91.9	Pct_Solids	83.4
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TPH (C08-C40)	49		

Parameter	Result	Val Qual	Qual Code
TPH (C08-C40)	3700		

Parameter	Result	Val Qual	Qual Code
TPH (C08-C40)	180		

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: PET

nsample	JAX25-SB98-01DL2
samp_date	3/28/2007
lab_id	SA1351-13DL2
qc_type	NM
units	MG/KG
Pct_Solids	76.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TPH (C08-C40)	1100		

nsample	JAX25-SB99-01
samp_date	3/28/2007
lab_id	SA1351-14
qc_type	NM
units	MG/KG
Pct_Solids	94.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TPH (C08-C40)	25	U	A

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: MISC

nsample	JAX25-SB102-03
samp_date	3/28/2007
lab_id	SA1351-22
qc_type	NM
Pct_Solids	89.6
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
TOTAL SOLIDS	%	90		

nsample	JAX25-SB103-03
samp_date	3/28/2007
lab_id	SA1351-23
qc_type	NM
Pct_Solids	92.4
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
TOTAL SOLIDS	%	92		

nsample	JAX25-SB78-02
samp_date	3/28/2007
lab_id	SA1351-20
qc_type	NM
Pct_Solids	88.7
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
TOTAL SOLIDS	%	89		

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: MISC

nsample	JAX25-SB79-01	nsample	JAX25-SB81-03	nsample	JAX25-SB82-03
samp_date	3/28/2007	samp_date	3/28/2007	samp_date	3/28/2007
lab_id	SA1351-21	lab_id	SA1351-19	lab_id	SA1351-18
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids	93.3	Pct_Solids	92.9	Pct_Solids	88.8
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
TOTAL SOLIDS	%	93		

Parameter	units	Result	Val Qual	Qual Code
TOTAL SOLIDS	%	93		

Parameter	units	Result	Val Qual	Qual Code
TOTAL SOLIDS	%	89		

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: MISC

nsample	JAX25-SB83-03	nsample	JAX25-SB84-03	nsample	JAX25-SB85-03
samp_date	3/28/2007	samp_date	3/28/2007	samp_date	3/28/2007
lab_id	SA1351-15	lab_id	SA1351-16	lab_id	SA1351-17
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids	72.9	Pct_Solids	88.5	Pct_Solids	93.6
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
TOTAL SOLIDS	%	73		

Parameter	units	Result	Val Qual	Qual Code
TOTAL SOLIDS	%	88		

Parameter	units	Result	Val Qual	Qual Code
TOTAL SOLIDS	%	94		

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: MISC

nsample	JAX25-SB86-03	nsample	JAX25-SB87-03	nsample	JAX25-SB88-03
samp_date	3/28/2007	samp_date	3/28/2007	samp_date	3/28/2007
lab_id	SA1351-5	lab_id	SA1351-6	lab_id	SA1351-7
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids	79.7	Pct_Solids	92.0	Pct_Solids	92.5
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
TOTAL SOLIDS	%	80		

Parameter	units	Result	Val Qual	Qual Code
TOTAL SOLIDS	%	92		

Parameter	units	Result	Val Qual	Qual Code
TOTAL SOLIDS	%	92		

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: MISC

nsample	JAX25-SB89-03
samp_date	3/28/2007
lab_id	SA1351-8
qc_type	NM
Pct_Solids	93.2
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
TOTAL SOLIDS	%	93		

nsample	JAX25-SB90-03
samp_date	3/28/2007
lab_id	SA1351-1
qc_type	NM
Pct_Solids	72.0
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
TOTAL SOLIDS	%	72		

nsample	JAX25-SB91-03
samp_date	3/28/2007
lab_id	SA1351-2
qc_type	NM
Pct_Solids	88.3
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
TOTAL SOLIDS	%	88		

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: MISC

nsample	JAX25-SB92-03	nsample	JAX25-SB93-03	nsample	JAX25-SB94-03
samp_date	3/28/2007	samp_date	3/28/2007	samp_date	3/28/2007
lab_id	SA1351-3	lab_id	SA1351-4	lab_id	SA1351-9
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids	83.1	Pct_Solids	89.6	Pct_Solids	89.5
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
TOTAL SOLIDS	%	83		

Parameter	units	Result	Val Qual	Qual Code
TOTAL SOLIDS	%	90		

Parameter	units	Result	Val Qual	Qual Code
TOTAL SOLIDS	%	90		

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: MISC

nsample	JAX25-SB95-01
samp_date	3/28/2007
lab_id	SA1351-10
qc_type	NM
Pct_Solids	92.9
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
TOTAL SOLIDS	%	93		

nsample	JAX25-SB96-01
samp_date	3/28/2007
lab_id	SA1351-12
qc_type	NM
Pct_Solids	91.9
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
TOTAL SOLIDS	%	92		

nsample	JAX25-SB97-03
samp_date	3/28/2007
lab_id	SA1351-11
qc_type	NM
Pct_Solids	83.4
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
TOTAL SOLIDS	%	83		

PROJ_NO: 00132

SDG: SA1351 MEDIA: SOIL DATA FRACTION: MISC

nsample	JAX25-SB98-01	nsample	JAX25-SB99-01
samp_date	3/28/2007	samp_date	3/28/2007
lab_id	SA1351-13	lab_id	SA1351-14
qc_type	NM	qc_type	NM
Pct_Solids	76.0	Pct_Solids	94.0
DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
TOTAL SOLIDS	%	76		

Parameter	units	Result	Val Qual	Qual Code
TOTAL SOLIDS	%	94		

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 02/12/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 15:56
Report Date: 04/11/2007
Matrix: WATER
% Solids: NA

Lab ID: SA1351-24
Client ID: TRIP BLANK
SDG: SA1351
Extracted by:
Extraction Method: SW846 5030
Analyst: DMF
Analysis Method: SW846 8260B
Lab Prep Batch: WG37470
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.4	1.0	1	1	0.4
71-43-2	Benzene	U	0.5	1.0	1	1	0.5
100-41-4	Ethylbenzene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	U	1.0	1.0	2	2	1.0
95-47-6	o-Xylene	U	0.4	1.0	1	1	0.4
1330-20-7	Xylenes (total)	U	1	1.0	3	3	1
1634-04-4	Methyl tert-butyl ether	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		94%				
17060-07-0	1,2-Dichloroethane-D4		96%				
2037-26-5	Toluene-D8		101%				
460-00-4	P-Bromofluorobenzene		96%				

KATAHDIN ANALYTICAL SERVICES

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 18:29
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 89.6

Lab ID: SA1351-22
Client ID: JAX25-SB102-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		88%				
17060-07-0	1,2-Dichloroethane-D4		90%				
2037-26-5	Toluene-D8		95%				
460-00-4	P-Bromofluorobenzene		103%				

KATAHDIN ANALYTICAL SERVICES

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 02-APR-2007 13:22
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 89.6

Lab ID: SA1351-22RA
Client ID: JAX25-SB102-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37509
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		109%				
17060-07-0	1,2-Dichloroethane-D4		132%				
2037-26-5	Toluene-D8		85%				
460-00-4	P-Bromofluorobenzene		98%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 19:07
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.4

Lab ID: SA1351-23
Client ID: JAX25-SB103-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	1.0	1.0	5	5	1.0
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	6	1.0	15	16	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		71%				
17060-07-0	1,2-Dichloroethane-D4		69%				
2037-26-5	Toluene-D8		75%				
460-00-4	P-Bromofluorobenzene		82%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 17:14
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.7

Lab ID: SA1351-20
Client ID: JAX25-SB78-02
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		73%				
17060-07-0	1,2-Dichloroethane-D4		66%				
2037-26-5	Toluene-D8		86%				
460-00-4	P-Bromofluorobenzene		83%				

KATAHDIN ANALYTICAL SERVICES

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 17:52
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 93.3

Lab ID: SA1351-21
Client ID: JAX25-SB79-01
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
	m+p-Xylenes	U	4	1.0	10	11	4
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	U	6	1.0	15	17	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		66%				
17060-07-0	1,2-Dichloroethane-D4		66%				
2037-26-5	Toluene-D8		77%				
460-00-4	P-Bromofluorobenzene		76%				

KATAHDIN ANALYTICAL SERVICES

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 16:36
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.9

Lab ID: SA1351-19
Client ID: JAX25-SB81-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
	m+p-Xylenes	U	4	1.0	10	11	4
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	U	6	1.0	15	17	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		68%				
17060-07-0	1,2-Dichloroethane-D4		70%				
2037-26-5	Toluene-D8		85%				
460-00-4	P-Bromofluorobenzene		89%				

KATAHDIN ANALYTICAL SERVICES

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 15:59
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.8

Lab ID: SA1351-18
Client ID: JAX25-SB82-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	1.0	1.0	5	5	1.0
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		68%				
17060-07-0	1,2-Dichloroethane-D4		62%				
2037-26-5	Toluene-D8		76%				
460-00-4	P-Bromofluorobenzene		80%				

KATAHDIN ANALYTICAL SERVICES

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 14:05
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 72.9

Lab ID: SA1351-15
Client ID: JAX25-SB83-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	3	1.0	5	8	3
71-43-2	Benzene	U	2	1.0	5	8	2
100-41-4	Ethylbenzene	U	1	1.0	5	8	1
	m+p-Xylenes	U	6	1.0	10	16	6
95-47-6	o-Xylene	U	2	1.0	5	8	2
1330-20-7	Xylenes (total)	U	9	1.0	15	24	9
1634-04-4	Methyl tert-butyl ether	U	3	1.0	5	8	3
1868-53-7	Dibromofluoromethane		69%				
17060-07-0	1,2-Dichloroethane-D4		61%				
2037-26-5	Toluene-D8		79%				
460-00-4	P-Bromofluorobenzene		71%				

KATAHDIN ANALYTICAL SERVICES

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 14:43
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.5

Lab ID: SA1351-16
Client ID: JAX25-SB84-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
	m+p-Xylenes	U	4	1.0	10	11	4
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	U	6	1.0	15	17	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		68%				
17060-07-0	1,2-Dichloroethane-D4		66%				
2037-26-5	Toluene-D8		76%				
460-00-4	P-Bromofluorobenzene		86%				

KATAHDIN ANALYTICAL SERVICES

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 15:21
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 93.6

Lab ID: SA1351-17
Client ID: JAX25-SB85-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene		19	1.0	5	6	0.9
	m+p-Xylenes	I	7	1.0	10	11	4
95-47-6	o-Xylene		10	1.0	5	6	2
1330-20-7	Xylenes (total)	I	17	1.0	15	17	6
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		66%				
17060-07-0	1,2-Dichloroethane-D4		71%				
2037-26-5	Toluene-D8		65%				
460-00-4	P-Bromofluorobenzene		J2229%				

KATAHDIN ANALYTICAL SERVICES

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 05-APR-2007 20:29
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 91.9

Lab ID: SA1351-12DL
Client ID: JAX25-SB96-01
SDG: SA1351
Extracted by:
Extraction Method: SW846 5030
Analyst: EKC
Analysis Method: SW846 8260B
Lab Prep Batch: WG37635
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	98	1.0	5	260	98
71-43-2	Benzene	U	48	1.0	5	260	48
100-41-4	Ethylbenzene	I	85	1.0	5	260	42
	m+p-Xylenes	U	200	1.0	10	520	200
95-47-6	o-Xylene	U	80	1.0	5	260	80
1330-20-7	Xylenes (total)	U	280	1.0	15	780	280
1634-04-4	Methyl tert-butyl ether	U	90	1.0	5	260	90
1868-53-7	Dibromofluoromethane		82%				
17060-07-0	1,2-Dichloroethane-D4		89%				
2037-26-5	Toluene-D8		86%				
460-00-4	P-Bromofluorobenzene		82%				

KATAHDIN ANALYTICAL SERVICES

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 29-MAR-2007 19:17
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 83.4

Lab ID: SA1351-11
Client ID: JAX25-SB97-03
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37437
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	1.0	1.0	5	5	1.0
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	2	1.0	5	5	2
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		78%				
17060-07-0	1,2-Dichloroethane-D4		90%				
2037-26-5	Toluene-D8		100%				
460-00-4	P-Bromofluorobenzene		101%				

KATAHDIN ANALYTICAL SERVICES

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 12:50
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 76.0

Lab ID: SA1351-13
Client ID: JAX25-SB98-01
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	6	2
71-43-2	Benzene	U	1	1.0	5	6	1
100-41-4	Ethylbenzene	I	6	1.0	5	6	1
	m+p-Xylenes	U	5	1.0	10	12	5
95-47-6	o-Xylene	U	2	1.0	5	6	2
1330-20-7	Xylenes (total)	U	7	1.0	15	19	7
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		62%				
17060-07-0	1,2-Dichloroethane-D4		65%				
2037-26-5	Toluene-D8		80%				
460-00-4	P-Bromofluorobenzene		78%				

KATAHDIN ANALYTICAL SERVICES

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date:
Analysis Date: 30-MAR-2007 13:28
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 94.0

Lab ID: SA1351-14
Client ID: JAX25-SB99-01
SDG: SA1351
Extracted by:
Extraction Method: SW846 5035
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG37454
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	2	1.0	5	5	2
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
100-41-4	Ethylbenzene	U	0.7	1.0	5	5	0.7
	m+p-Xylenes	U	4	1.0	10	10	4
95-47-6	o-Xylene	U	1	1.0	5	5	1
1330-20-7	Xylenes (total)	U	5	1.0	15	15	5
1634-04-4	Methyl tert-butyl ether	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		71%				
17060-07-0	1,2-Dichloroethane-D4		68%				
2037-26-5	Toluene-D8		74%				
460-00-4	P-Bromofluorobenzene		82%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 17:48
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 89.6

Lab ID: SA1351-22
Client ID: JAX25-SB102-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	22	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	U	2	1.0	20	22	2
83-32-9	Acenaphthene	U	6	1.0	20	22	6
86-73-7	Fluorene	U	3	1.0	20	22	3
85-01-8	Phenanthrene	U	3	1.0	20	22	3
120-12-7	Anthracene	U	4	1.0	20	22	4
206-44-0	Fluoranthene	U	4	1.0	20	22	4
129-00-0	Pyrene	U	4	1.0	20	22	4
56-55-3	Benzo(a)anthracene	U	3	1.0	20	22	3
218-01-9	Chrysene	U	3	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene	U	3	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	22	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	5	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	U	3	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		60%				
81103-79-9	Fluorene-d10		64%				
1718-52-1	Pyrene-d10		75%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 16:23
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.4

Lab ID: SA1351-23
Client ID: JAX25-SB103-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	22	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	U	2	1.0	20	22	2
83-32-9	Acenaphthene	U	6	1.0	20	22	6
86-73-7	Fluorene	U	3	1.0	20	22	3
85-01-8	Phenanthrene	U	3	1.0	20	22	3
120-12-7	Anthracene	U	4	1.0	20	22	4
206-44-0	Fluoranthene	U	4	1.0	20	22	4
129-00-0	Pyrene	U	3	1.0	20	22	3
56-55-3	Benzo(a)anthracene	U	3	1.0	20	22	3
218-01-9	Chrysene	U	3	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene	U	3	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	22	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	5	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	U	3	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		67%				
81103-79-9	Fluorene-d10		68%				
1718-52-1	Pyrene-d10		79%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 15:40
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.7

Lab ID: SA1351-20
Client ID: JAX25-SB78-02
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	22	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	U	2	1.0	20	22	2
83-32-9	Acenaphthene	U	7	1.0	20	22	7
86-73-7	Fluorene	U	3	1.0	20	22	3
85-01-8	Phenanthrene	U	3	1.0	20	22	3
120-12-7	Anthracene	U	4	1.0	20	22	4
206-44-0	Fluoranthene	U	4	1.0	20	22	4
129-00-0	Pyrene	U	4	1.0	20	22	4
56-55-3	Benzo(a)anthracene	U	3	1.0	20	22	3
218-01-9	Chrysene	U	3	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene	U	3	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	22	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	I	6	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	I	4	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		74%				
81103-79-9	Fluorene-d10		76%				
1718-52-1	Pyrene-d10		83%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 20:44
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 93.3

Lab ID: SA1351-21
Client ID: JAX25-SB79-01
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	21	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	21	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	21	10
208-96-8	Acenaphthylene	I	9	1.0	20	21	2
83-32-9	Acenaphthene	U	6	1.0	20	21	6
86-73-7	Fluorene	U	3	1.0	20	21	3
85-01-8	Phenanthrene	I	13	1.0	20	21	3
120-12-7	Anthracene	I	6	1.0	20	21	4
206-44-0	Fluoranthene		59	1.0	20	21	4
129-00-0	Pyrene		56	1.0	20	21	3
56-55-3	Benzo(a)anthracene		49	1.0	20	21	3
218-01-9	Chrysene		45	1.0	20	21	3
205-99-2	Benzo(b)fluoranthene		77	1.0	20	21	3
207-08-9	Benzo(k)fluoranthene		29	1.0	20	21	3
50-32-8	Benzo(a)pyrene		50	1.0	20	21	3
193-39-5	Indeno(1,2,3-cd)pyrene		59	1.0	20	21	5
191-24-2	Benzo(g,h,i)perylene		38	1.0	20	21	3
53-70-3	Dibenzo(a,h)anthracene	I	13	1.0	20	21	4
7297-45-2	2-Methylnaphthalene-d10		68%				
81103-79-9	Fluorene-d10		69%				
1718-52-1	Pyrene-d10		77%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 17:06
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.9

Lab ID: SA1351-19
Client ID: JAX25-SB81-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	22	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	U	2	1.0	20	22	2
83-32-9	Acenaphthene	U	6	1.0	20	22	6
86-73-7	Fluorene	U	3	1.0	20	22	3
85-01-8	Phenanthrene	I	3	1.0	20	22	3
120-12-7	Anthracene	U	4	1.0	20	22	4
206-44-0	Fluoranthene	I	5	1.0	20	22	4
129-00-0	Pyrene	I	6	1.0	20	22	3
56-55-3	Benzo(a)anthracene	U	3	1.0	20	22	3
218-01-9	Chrysene	I	5	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene	U	3	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	22	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	5	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	U	3	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		75%				
81103-79-9	Fluorene-d10		77%				
1718-52-1	Pyrene-d10		90%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 11:26
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.8

Lab ID: SA1351-18
Client ID: JAX25-SB82-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	22	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	U	2	1.0	20	22	2
83-32-9	Acenaphthene	U	7	1.0	20	22	7
86-73-7	Fluorene	U	3	1.0	20	22	3
85-01-8	Phenanthrene	U	3	1.0	20	22	3
120-12-7	Anthracene	U	4	1.0	20	22	4
206-44-0	Fluoranthene	U	4	1.0	20	22	4
129-00-0	Pyrene	U	4	1.0	20	22	4
56-55-3	Benzo(a)anthracene	U	3	1.0	20	22	3
218-01-9	Chrysene	U	3	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene	U	3	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	22	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	5	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	U	3	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		66%				
81103-79-9	Fluorene-d10		71%				
1718-52-1	Pyrene-d10		86%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 14:16
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 72.9

Lab ID: SA1351-15
Client ID: JAX25-SB83-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	4	1.0	20	27	4
91-57-6	2-Methylnaphthalene	U	10	1.0	20	27	10
90-12-0	1-Methylnaphthalene	U	13	1.0	20	27	13
208-96-8	Acenaphthylene	U	3	1.0	20	27	3
83-32-9	Acenaphthene	U	8	1.0	20	27	8
86-73-7	Fluorene	U	4	1.0	20	27	4
85-01-8	Phenanthrene	U	4	1.0	20	27	4
120-12-7	Anthracene	U	5	1.0	20	27	5
206-44-0	Fluoranthene	U	5	1.0	20	27	5
129-00-0	Pyrene	U	4	1.0	20	27	4
56-55-3	Benzo(a)anthracene	U	4	1.0	20	27	4
218-01-9	Chrysene	U	4	1.0	20	27	4
205-99-2	Benzo(b)fluoranthene	U	4	1.0	20	27	4
207-08-9	Benzo(k)fluoranthene	U	4	1.0	20	27	4
50-32-8	Benzo(a)pyrene	U	4	1.0	20	27	4
193-39-5	Indeno(1,2,3-cd)pyrene	U	6	1.0	20	27	6
191-24-2	Benzo(g,h,i)perylene	U	4	1.0	20	27	4
53-70-3	Dibenzo(a,h)anthracene	U	5	1.0	20	27	5
7297-45-2	2-Methylnaphthalene-d10		61%				
81103-79-9	Fluorene-d10		68%				
1718-52-1	Pyrene-d10		86%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 14:58
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.5

Lab ID: SA1351-16
Client ID: JAX25-SB84-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	22	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	U	2	1.0	20	22	2
83-32-9	Acenaphthene	U	7	1.0	20	22	7
86-73-7	Fluorene	U	4	1.0	20	22	4
85-01-8	Phenanthrene	U	3	1.0	20	22	3
120-12-7	Anthracene	U	4	1.0	20	22	4
206-44-0	Fluoranthene	U	4	1.0	20	22	4
129-00-0	Pyrene	U	4	1.0	20	22	4
56-55-3	Benzo(a)anthracene	U	3	1.0	20	22	3
218-01-9	Chrysene	U	3	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene	U	4	1.0	20	22	4
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	22	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	5	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	U	4	1.0	20	22	4
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		68%				
81103-79-9	Fluorene-d10		74%				
1718-52-1	Pyrene-d10		85%				

KATAHDIN ANALYTICAL SERVICES

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 10-APR-2007 11:55
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 93.6

Lab ID: SA1351-17DL
Client ID: JAX25-SB85-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		960	10	20	210	28
91-57-6	2-Methylnaphthalene	L	110000	10	20	210	78
90-12-0	1-Methylnaphthalene	L	13000	10	20	210	98
208-96-8	Acenaphthylene	U	24	10	20	210	24
83-32-9	Acenaphthene		1400	10	20	210	63
86-73-7	Fluorene		1100	10	20	210	33
85-01-8	Phenanthrene		750	10	20	210	28
120-12-7	Anthracene	I	96	10	20	210	38
206-44-0	Fluoranthene		230	10	20	210	37
129-00-0	Pyrene	I	200	10	20	210	34
56-55-3	Benzo(a)anthracene	I	69	10	20	210	32
218-01-9	Chrysene	I	34	10	20	210	31
205-99-2	Benzo(b)fluoranthene	I	97	10	20	210	33
207-08-9	Benzo(k)fluoranthene	U	32	10	20	210	32
50-32-8	Benzo(a)pyrene	I	50	10	20	210	32
193-39-5	Indeno(1,2,3-cd)pyrene	U	48	10	20	210	48
191-24-2	Benzo(g,h,i)perylene	U	33	10	20	210	33
53-70-3	Dibenzo(a,h)anthracene	I	42	10	20	210	40
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 10-APR-2007 15:32
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 93.6

Lab ID: SA1351-17DL2
Client ID: JAX25-SB85-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	2800	1000	20	21000	2800
91-57-6	2-Methylnaphthalene		53000	1000	20	21000	7800
90-12-0	1-Methylnaphthalene		34000	1000	20	21000	9800
208-96-8	Acenaphthylene	U	2400	1000	20	21000	2400
83-32-9	Acenaphthene	U	6300	1000	20	21000	6300
86-73-7	Fluorene	U	3300	1000	20	21000	3300
85-01-8	Phenanthrene	U	2800	1000	20	21000	2800
120-12-7	Anthracene	U	3800	1000	20	21000	3800
206-44-0	Fluoranthene	U	3700	1000	20	21000	3700
129-00-0	Pyrene	U	3400	1000	20	21000	3400
56-55-3	Benzo(a)anthracene	U	3200	1000	20	21000	3200
218-01-9	Chrysene	U	3100	1000	20	21000	3100
205-99-2	Benzo(b)fluoranthene	U	3300	1000	20	21000	3300
207-08-9	Benzo(k)fluoranthene	U	3200	1000	20	21000	3200
50-32-8	Benzo(a)pyrene	U	3200	1000	20	21000	3200
193-39-5	Indeno(1,2,3-cd)pyrene	U	4800	1000	20	21000	4800
191-24-2	Benzo(g,h,i)perylene	U	3300	1000	20	21000	3300
53-70-3	Dibenzo(a,h)anthracene	U	4000	1000	20	21000	4000
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 07-APR-2007 14:09
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 79.7

Lab ID: SA1351-5
Client ID: JAX25-SB86-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	25	3
91-57-6	2-Methylnaphthalene	U	9	1.0	20	25	9
90-12-0	1-Methylnaphthalene	U	12	1.0	20	25	12
208-96-8	Acenaphthylene	U	3	1.0	20	25	3
83-32-9	Acenaphthene	U	7	1.0	20	25	7
86-73-7	Fluorene	U	4	1.0	20	25	4
85-01-8	Phenanthrene	I	9	1.0	20	25	3
120-12-7	Anthracene	I	10	1.0	20	25	4
206-44-0	Fluoranthene		30	1.0	20	25	4
129-00-0	Pyrene	I	24	1.0	20	25	4
56-55-3	Benzo(a)anthracene		40	1.0	20	25	4
218-01-9	Chrysene		53	1.0	20	25	4
205-99-2	Benzo(b)fluoranthene		150	1.0	20	25	4
207-08-9	Benzo(k)fluoranthene		49	1.0	20	25	4
50-32-8	Benzo(a)pyrene		73	1.0	20	25	4
193-39-5	Indeno(1,2,3-cd)pyrene		140	1.0	20	25	6
191-24-2	Benzo(g,h,i)perylene		110	1.0	20	25	4
53-70-3	Dibenzo(a,h)anthracene		29	1.0	20	25	5
7297-45-2	2-Methylnaphthalene-d10		77%				
81103-79-9	Fluorene-d10		79%				
1718-52-1	Pyrene-d10		81%				

KATAHDIN ANALYTICAL SERVICES

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 07-APR-2007 15:33
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.0

Lab ID: SA1351-6
Client ID: JAX25-SB87-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	22	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	I	3	1.0	20	22	2
83-32-9	Acenaphthene	U	6	1.0	20	22	6
86-73-7	Fluorene	U	3	1.0	20	22	3
85-01-8	Phenanthrene	I	4	1.0	20	22	3
120-12-7	Anthracene	U	4	1.0	20	22	4
206-44-0	Fluoranthene	I	8	1.0	20	22	4
129-00-0	Pyrene	I	10	1.0	20	22	3
56-55-3	Benzo(a)anthracene	I	8	1.0	20	22	3
218-01-9	Chrysene	I	9	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene		24	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	I	5	1.0	20	22	3
50-32-8	Benzo(a)pyrene	I	12	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene		31	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene		31	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	I	7	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		79%				
81103-79-9	Fluorene-d10		88%				
1718-52-1	Pyrene-d10		89%				

KATAHDIN ANALYTICAL SERVICES

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 07-APR-2007 12:46
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.5

Lab ID: SA1351-7
Client ID: JAX25-SB88-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	22	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	U	2	1.0	20	22	2
83-32-9	Acenaphthene	U	6	1.0	20	22	6
86-73-7	Fluorene	U	3	1.0	20	22	3
85-01-8	Phenanthrene	U	3	1.0	20	22	3
120-12-7	Anthracene	U	4	1.0	20	22	4
206-44-0	Fluoranthene	I	6	1.0	20	22	4
129-00-0	Pyrene	I	5	1.0	20	22	3
56-55-3	Benzo(a)anthracene	I	3	1.0	20	22	3
218-01-9	Chrysene	I	4	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene	I	10	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	22	3
50-32-8	Benzo(a)pyrene	I	5	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	I	7	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	I	6	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		74%				
81103-79-9	Fluorene-d10		81%				
1718-52-1	Pyrene-d10		78%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 07-APR-2007 14:51
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 93.2

Lab ID: SA1351-8
Client ID: JAX25-SB89-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	21	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	21	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	21	10
208-96-8	Acenaphthylene	I	4	1.0	20	21	2
83-32-9	Acenaphthene	U	6	1.0	20	21	6
86-73-7	Fluorene	U	3	1.0	20	21	3
85-01-8	Phenanthrene	I	9	1.0	20	21	3
120-12-7	Anthracene	U	4	1.0	20	21	4
206-44-0	Fluoranthene	I	17	1.0	20	21	4
129-00-0	Pyrene	I	12	1.0	20	21	3
56-55-3	Benzo(a)anthracene	I	11	1.0	20	21	3
218-01-9	Chrysene	I	9	1.0	20	21	3
205-99-2	Benzo(b)fluoranthene	I	14	1.0	20	21	3
207-08-9	Benzo(k)fluoranthene	I	4	1.0	20	21	3
50-32-8	Benzo(a)pyrene	I	8	1.0	20	21	3
193-39-5	Indeno(1,2,3-cd)pyrene	I	9	1.0	20	21	5
191-24-2	Benzo(g,h,i)perylene	I	7	1.0	20	21	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	21	4
7297-45-2	2-Methylnaphthalene-d10		66%				
81103-79-9	Fluorene-d10		75%				
1718-52-1	Pyrene-d10		75%				

KATAHDIN ANALYTICAL SERVICES

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 05-APR-2007 19:37
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 72.0

Lab ID: SA1351-1
Client ID: JAX25-SB90-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37474
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	4	1.0	20	28	4
91-57-6	2-Methylnaphthalene	U	10	1.0	20	28	10
90-12-0	1-Methylnaphthalene	U	13	1.0	20	28	13
208-96-8	Acenaphthylene	U	3	1.0	20	28	3
83-32-9	Acenaphthene	U	8	1.0	20	28	8
86-73-7	Fluorene	U	4	1.0	20	28	4
85-01-8	Phenanthrene	U	4	1.0	20	28	4
120-12-7	Anthracene	U	5	1.0	20	28	5
206-44-0	Fluoranthene	I	12	1.0	20	28	5
129-00-0	Pyrene	I	7	1.0	20	28	4
56-55-3	Benzo(a)anthracene	I	9	1.0	20	28	4
218-01-9	Chrysene	U	4	1.0	20	28	4
205-99-2	Benzo(b)fluoranthene	U	4	1.0	20	28	4
207-08-9	Benzo(k)fluoranthene	U	4	1.0	20	28	4
50-32-8	Benzo(a)pyrene	I	6	1.0	20	28	4
193-39-5	Indeno(1,2,3-cd)pyrene	U	6	1.0	20	28	6
191-24-2	Benzo(g,h,i)perylene	I	12	1.0	20	28	4
53-70-3	Dibenzo(a,h)anthracene	U	5	1.0	20	28	5
7297-45-2	2-Methylnaphthalene-d10		76%				
81103-79-9	Fluorene-d10		91%				
1718-52-1	Pyrene-d10		84%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 07-APR-2007 16:15
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.3

Lab ID: SA1351-2
Client ID: JAX25-SB91-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37474
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	23	3
91-57-6	2-Methylnaphthalene	U	8	1.0	20	23	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	23	10
208-96-8	Acenaphthylene	U	2	1.0	20	23	2
83-32-9	Acenaphthene	U	7	1.0	20	23	7
86-73-7	Fluorene	U	4	1.0	20	23	4
85-01-8	Phenanthrene	U	3	1.0	20	23	3
120-12-7	Anthracene	U	4	1.0	20	23	4
206-44-0	Fluoranthene	I	6	1.0	20	23	4
129-00-0	Pyrene	I	6	1.0	20	23	4
56-55-3	Benzo(a)anthracene	I	5	1.0	20	23	3
218-01-9	Chrysene	I	5	1.0	20	23	3
205-99-2	Benzo(b)fluoranthene	I	11	1.0	20	23	4
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	23	3
50-32-8	Benzo(a)pyrene	I	5	1.0	20	23	3
193-39-5	Indeno(1,2,3-cd)pyrene	I	8	1.0	20	23	5
191-24-2	Benzo(g,h,i)perylene	I	8	1.0	20	23	4
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	23	4
7297-45-2	2-Methylnaphthalene-d10		70%				
81103-79-9	Fluorene-d10		77%				
1718-52-1	Pyrene-d10		79%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 07-APR-2007 16:57
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 83.1

Lab ID: SA1351-3
Client ID: JAX25-SB92-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37474
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	24	3
91-57-6	2-Methylnaphthalene	U	9	1.0	20	24	9
90-12-0	1-Methylnaphthalene	U	11	1.0	20	24	11
208-96-8	Acenaphthylene	U	3	1.0	20	24	3
83-32-9	Acenaphthene	U	7	1.0	20	24	7
86-73-7	Fluorene	U	4	1.0	20	24	4
85-01-8	Phenanthrene	I	8	1.0	20	24	3
120-12-7	Anthracene	U	4	1.0	20	24	4
206-44-0	Fluoranthene	I	20	1.0	20	24	4
129-00-0	Pyrene	I	17	1.0	20	24	4
56-55-3	Benzo(a)anthracene	I	12	1.0	20	24	4
218-01-9	Chrysene	I	14	1.0	20	24	3
205-99-2	Benzo(b)fluoranthene		25	1.0	20	24	4
207-08-9	Benzo(k)fluoranthene	I	8	1.0	20	24	4
50-32-8	Benzo(a)pyrene	I	14	1.0	20	24	4
193-39-5	Indeno(1,2,3-cd)pyrene	I	19	1.0	20	24	5
191-24-2	Benzo(g,h,i)perylene	I	14	1.0	20	24	4
53-70-3	Dibenzo(a,h)anthracene	I	6	1.0	20	24	4
7297-45-2	2-Methylnaphthalene-d10		81%				
81103-79-9	Fluorene-d10		89%				
1718-52-1	Pyrene-d10		88%				

KATAHDIN ANALYTICAL SERVICES

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 07-APR-2007 21:08
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 89.6

Lab ID: SA1351-4
Client ID: JAX25-SB93-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37474
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	4	1.0	20	22	3
91-57-6	2-Methylnaphthalene	I	10	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	U	2	1.0	20	22	2
83-32-9	Acenaphthene	U	6	1.0	20	22	6
86-73-7	Fluorene	U	3	1.0	20	22	3
85-01-8	Phenanthrene	I	8	1.0	20	22	3
120-12-7	Anthracene	U	4	1.0	20	22	4
206-44-0	Fluoranthene	I	17	1.0	20	22	4
129-00-0	Pyrene	I	22	1.0	20	22	4
56-55-3	Benzo(a)anthracene	I	12	1.0	20	22	3
218-01-9	Chrysene	I	14	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene		27	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	I	9	1.0	20	22	3
50-32-8	Benzo(a)pyrene	I	14	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	I	18	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	I	16	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	I	6	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		85%				
81103-79-9	Fluorene-d10		86%				
1718-52-1	Pyrene-d10		98%				

KATAHDIN ANALYTICAL SERVICES

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 07-APR-2007 13:27
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 89.5

Lab ID: SA1351-9
Client ID: JAX25-SB94-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	3	1.0	20	22	3
91-57-6	2-Methylnaphthalene	I	8	1.0	20	22	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	22	10
208-96-8	Acenaphthylene	U	2	1.0	20	22	2
83-32-9	Acenaphthene	L	190	1.0	20	22	6
86-73-7	Fluorene		74	1.0	20	22	3
85-01-8	Phenanthrene		33	1.0	20	22	3
120-12-7	Anthracene	I	5	1.0	20	22	4
206-44-0	Fluoranthene	I	7	1.0	20	22	4
129-00-0	Pyrene	I	5	1.0	20	22	4
56-55-3	Benzo(a)anthracene	U	3	1.0	20	22	3
218-01-9	Chrysene	U	3	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene	I	6	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	22	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	5	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	U	3	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		73%				
81103-79-9	Fluorene-d10		69%				
1718-52-1	Pyrene-d10		85%				

KATAHDIN ANALYTICAL SERVICES

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 12:08
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 89.5

Lab ID: SA1351-9DL
Client ID: JAX25-SB94-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	6	2.0	20	45	6
91-57-6	2-Methylnaphthalene	U	16	2.0	20	45	16
90-12-0	1-Methylnaphthalene	U	20	2.0	20	45	20
208-96-8	Acenaphthylene	U	5	2.0	20	45	5
83-32-9	Acenaphthene		190	2.0	20	45	13
86-73-7	Fluorene		78	2.0	20	45	7
85-01-8	Phenanthrene	I	32	2.0	20	45	6
120-12-7	Anthracene	U	8	2.0	20	45	8
206-44-0	Fluoranthene	U	8	2.0	20	45	8
129-00-0	Pyrene	U	7	2.0	20	45	7
56-55-3	Benzo(a)anthracene	U	7	2.0	20	45	7
218-01-9	Chrysene	U	6	2.0	20	45	6
205-99-2	Benzo(b)fluoranthene	U	7	2.0	20	45	7
207-08-9	Benzo(k)fluoranthene	U	7	2.0	20	45	7
50-32-8	Benzo(a)pyrene	U	7	2.0	20	45	7
193-39-5	Indeno(1,2,3-cd)pyrene	U	10	2.0	20	45	10
191-24-2	Benzo(g,h,i)perylene	U	7	2.0	20	45	7
53-70-3	Dibenzo(a,h)anthracene	U	8	2.0	20	45	8
7297-45-2	2-Methylnaphthalene-d10		72%				
81103-79-9	Fluorene-d10		73%				
1718-52-1	Pyrene-d10		93%				

KATAHDIN ANALYTICAL SERVICES

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 12:51
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.9

Lab ID: SA1351-10
Client ID: JAX25-SB95-01
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		34	1.0	20	22	3
91-57-6	2-Methylnaphthalene		57	1.0	20	22	8
90-12-0	1-Methylnaphthalene		47	1.0	20	22	10
208-96-8	Acenaphthylene	I	7	1.0	20	22	2
83-32-9	Acenaphthene	I	18	1.0	20	22	6
86-73-7	Fluorene		71	1.0	20	22	3
85-01-8	Phenanthrene	L	210	1.0	20	22	3
120-12-7	Anthracene		24	1.0	20	22	4
206-44-0	Fluoranthene		71	1.0	20	22	4
129-00-0	Pyrene		71	1.0	20	22	3
56-55-3	Benzo(a)anthracene		24	1.0	20	22	3
218-01-9	Chrysene		22	1.0	20	22	3
205-99-2	Benzo(b)fluoranthene		25	1.0	20	22	3
207-08-9	Benzo(k)fluoranthene	I	7	1.0	20	22	3
50-32-8	Benzo(a)pyrene	I	18	1.0	20	22	3
193-39-5	Indeno(1,2,3-cd)pyrene	I	18	1.0	20	22	5
191-24-2	Benzo(g,h,i)perylene	I	11	1.0	20	22	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	22	4
7297-45-2	2-Methylnaphthalene-d10		76%				
81103-79-9	Fluorene-d10		78%				
1718-52-1	Pyrene-d10		87%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 10-APR-2007 12:38
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.9

Lab ID: SA1351-10DL
Client ID: JAX25-SB95-01
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	35	2.0	20	43	6
91-57-6	2-Methylnaphthalene		56	2.0	20	43	16
90-12-0	1-Methylnaphthalene		49	2.0	20	43	20
208-96-8	Acenaphthylene	I	7	2.0	20	43	5
83-32-9	Acenaphthene	I	17	2.0	20	43	13
86-73-7	Fluorene		69	2.0	20	43	7
85-01-8	Phenanthrene		210	2.0	20	43	6
120-12-7	Anthracene	I	24	2.0	20	43	8
206-44-0	Fluoranthene		70	2.0	20	43	8
129-00-0	Pyrene		69	2.0	20	43	7
56-55-3	Benzo(a)anthracene	I	24	2.0	20	43	6
218-01-9	Chrysene	I	22	2.0	20	43	6
205-99-2	Benzo(b)fluoranthene	I	26	2.0	20	43	7
207-08-9	Benzo(k)fluoranthene	I	7	2.0	20	43	6
50-32-8	Benzo(a)pyrene	I	18	2.0	20	43	6
193-39-5	Indeno(1,2,3-cd)pyrene	I	20	2.0	20	43	10
191-24-2	Benzo(g,h,i)perylene	I	14	2.0	20	43	7
53-70-3	Dibenzo(a,h)anthracene	I	10	2.0	20	43	8
7297-45-2	2-Methylnaphthalene-d10		74%				
81103-79-9	Fluorene-d10		76%				
1718-52-1	Pyrene-d10		86%				

KATAHDIN ANALYTICAL SERVICES

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 20:00
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 91.9

Lab ID: SA1351-12DL
Client ID: JAX25-SB96-01
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	L	2700	10	20	220	28
91-57-6	2-Methylnaphthalene	L	5700	10	20	220	79
90-12-0	1-Methylnaphthalene	L	2400	10	20	220	100
208-96-8	Acenaphthylene		490	10	20	220	24
83-32-9	Acenaphthene		1500	10	20	220	64
86-73-7	Fluorene	L	2600	10	20	220	34
85-01-8	Phenanthrene	L	8200	10	20	220	28
120-12-7	Anthracene		1300	10	20	220	39
206-44-0	Fluoranthene	L	3400	10	20	220	38
129-00-0	Pyrene	L	5400	10	20	220	35
56-55-3	Benzo(a)anthracene	L	2600	10	20	220	33
218-01-9	Chrysene	L	2100	10	20	220	32
205-99-2	Benzo(b)fluoranthene		1300	10	20	220	34
207-08-9	Benzo(k)fluoranthene		470	10	20	220	33
50-32-8	Benzo(a)pyrene		1400	10	20	220	33
193-39-5	Indeno(1,2,3-cd)pyrene		940	10	20	220	49
191-24-2	Benzo(g,h,i)perylene		530	10	20	220	34
53-70-3	Dibenzo(a,h)anthracene		240	10	20	220	41
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 10-APR-2007 14:03
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 91.9

Lab ID: SA1351-12DL2
Client ID: JAX25-SB96-01
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		3100	100	20	2200	280
91-57-6	2-Methylnaphthalene		3800	100	20	2200	790
90-12-0	1-Methylnaphthalene		3400	100	20	2200	1000
208-96-8	Acenaphthylene	I	550	100	20	2200	240
83-32-9	Acenaphthene	I	1700	100	20	2200	640
86-73-7	Fluorene		2900	100	20	2200	340
85-01-8	Phenanthrene		10000	100	20	2200	280
120-12-7	Anthracene	I	1600	100	20	2200	390
206-44-0	Fluoranthene		4000	100	20	2200	380
129-00-0	Pyrene		5400	100	20	2200	350
56-55-3	Benzo(a)anthracene		2400	100	20	2200	330
218-01-9	Chrysene		2400	100	20	2200	320
205-99-2	Benzo(b)fluoranthene	I	1500	100	20	2200	340
207-08-9	Benzo(k)fluoranthene	I	550	100	20	2200	330
50-32-8	Benzo(a)pyrene	I	1600	100	20	2200	330
193-39-5	Indeno(1,2,3-cd)pyrene	I	1300	100	20	2200	490
191-24-2	Benzo(g,h,i)perylene	I	720	100	20	2200	340
53-70-3	Dibenzo(a,h)anthracene	I	580	100	20	2200	410
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 18:32
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 83.4

Lab ID: SA1351-11
Client ID: JAX25-SB97-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	6	1.0	20	24	3
91-57-6	2-Methylnaphthalene		160	1.0	20	24	9
90-12-0	1-Methylnaphthalene		100	1.0	20	24	11
208-96-8	Acenaphthylene	U	3	1.0	20	24	3
83-32-9	Acenaphthene	L	730	1.0	20	24	7
86-73-7	Fluorene	L	1100	1.0	20	24	4
85-01-8	Phenanthrene	L	3800	1.0	20	24	3
120-12-7	Anthracene	L	1400	1.0	20	24	4
206-44-0	Fluoranthene	L	3600	1.0	20	24	4
129-00-0	Pyrene	L	3300	1.0	20	24	4
56-55-3	Benzo(a)anthracene	L	1800	1.0	20	24	4
218-01-9	Chrysene	L	1000	1.0	20	24	3
205-99-2	Benzo(b)fluoranthene	L	1100	1.0	20	24	4
207-08-9	Benzo(k)fluoranthene	L	370	1.0	20	24	4
50-32-8	Benzo(a)pyrene	L	740	1.0	20	24	4
193-39-5	Indeno(1,2,3-cd)pyrene		76	1.0	20	24	5
191-24-2	Benzo(g,h,i)perylene	L	650	1.0	20	24	4
53-70-3	Dibenzo(a,h)anthracene		130	1.0	20	24	4
7297-45-2	2-Methylnaphthalene-d10		77%				
81103-79-9	Fluorene-d10		65%				
1718-52-1	Pyrene-d10		83%				

KATAHDIN ANALYTICAL SERVICES

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 10-APR-2007 13:21
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 83.4

Lab ID: SA1351-11DL
Client ID: JAX25-SB97-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	120	40	20	960	120
91-57-6	2-Methylnaphthalene	U	350	40	20	960	350
90-12-0	1-Methylnaphthalene	U	440	40	20	960	440
208-96-8	Acenaphthylene	U	100	40	20	960	100
83-32-9	Acenaphthene	I	920	40	20	960	280
86-73-7	Fluorene		1500	40	20	960	150
85-01-8	Phenanthrene		7200	40	20	960	120
120-12-7	Anthracene		1700	40	20	960	170
206-44-0	Fluoranthene		7200	40	20	960	170
129-00-0	Pyrene		5600	40	20	960	150
56-55-3	Benzo(a)anthracene		1900	40	20	960	140
218-01-9	Chrysene		1400	40	20	960	140
205-99-2	Benzo(b)fluoranthene		1400	40	20	960	150
207-08-9	Benzo(k)fluoranthene	I	530	40	20	960	140
50-32-8	Benzo(a)pyrene	I	870	40	20	960	140
193-39-5	Indeno(1,2,3-cd)pyrene		1100	40	20	960	220
191-24-2	Benzo(g,h,i)perylene	I	860	40	20	960	150
53-70-3	Dibenzo(a,h)anthracene	I	250	40	20	960	180
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 21:28
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 76.0

Lab ID: SA1351-13
Client ID: JAX25-SB98-01
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		47	1.0	20	26	3
91-57-6	2-Methylnaphthalene		130	1.0	20	26	10
90-12-0	1-Methylnaphthalene		95	1.0	20	26	12
208-96-8	Acenaphthylene		95	1.0	20	26	3
83-32-9	Acenaphthene		45	1.0	20	26	8
86-73-7	Fluorene		190	1.0	20	26	4
85-01-8	Phenanthrene	L	1100	1.0	20	26	3
120-12-7	Anthracene		210	1.0	20	26	5
206-44-0	Fluoranthene	L	1100	1.0	20	26	5
129-00-0	Pyrene	L	1500	1.0	20	26	4
56-55-3	Benzo(a)anthracene	L	890	1.0	20	26	4
218-01-9	Chrysene	L	620	1.0	20	26	4
205-99-2	Benzo(b)fluoranthene	L	580	1.0	20	26	4
207-08-9	Benzo(k)fluoranthene		180	1.0	20	26	4
50-32-8	Benzo(a)pyrene	L	520	1.0	20	26	4
193-39-5	Indeno(1,2,3-cd)pyrene	L	250	1.0	20	26	6
191-24-2	Benzo(g,h,i)perylene		180	1.0	20	26	4
53-70-3	Dibenzo(a,h)anthracene		75	1.0	20	26	5
7297-45-2	2-Methylnaphthalene-d10		78%				
81103-79-9	Fluorene-d10		79%				
1718-52-1	Pyrene-d10		90%				

KATAHDIN ANALYTICAL SERVICES

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 10-APR-2007 14:50
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 76.0

Lab ID: SA1351-13DL
Client ID: JAX25-SB98-01
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	50	10	20	260	34
91-57-6	2-Methylnaphthalene	I	150	10	20	260	96
90-12-0	1-Methylnaphthalene	U	120	10	20	260	120
208-96-8	Acenaphthylene	I	110	10	20	260	29
83-32-9	Acenaphthene	U	78	10	20	260	78
86-73-7	Fluorene	I	200	10	20	260	41
85-01-8	Phenanthrene		1400	10	20	260	34
120-12-7	Anthracene	I	260	10	20	260	47
206-44-0	Fluoranthene		1700	10	20	260	46
129-00-0	Pyrene		1600	10	20	260	42
56-55-3	Benzo(a)anthracene		800	10	20	260	39
218-01-9	Chrysene		690	10	20	260	38
205-99-2	Benzo(b)fluoranthene		580	10	20	260	41
207-08-9	Benzo(k)fluoranthene	I	220	10	20	260	39
50-32-8	Benzo(a)pyrene		550	10	20	260	39
193-39-5	Indeno(1,2,3-cd)pyrene		490	10	20	260	59
191-24-2	Benzo(g,h,i)perylene		280	10	20	260	41
53-70-3	Dibenzo(a,h)anthracene	I	120	10	20	260	50
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/03/07
Analysis Date: 09-APR-2007 13:34
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 94.0

Lab ID: SA1351-14
Client ID: JAX25-SB99-01
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG37524
Units: ug/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	6	1.0	20	21	3
91-57-6	2-Methylnaphthalene	I	12	1.0	20	21	8
90-12-0	1-Methylnaphthalene	U	10	1.0	20	21	10
208-96-8	Acenaphthylene	U	2	1.0	20	21	2
83-32-9	Acenaphthene	U	6	1.0	20	21	6
86-73-7	Fluorene	I	20	1.0	20	21	3
85-01-8	Phenanthrene		84	1.0	20	21	3
120-12-7	Anthracene	I	8	1.0	20	21	4
206-44-0	Fluoranthene	I	10	1.0	20	21	4
129-00-0	Pyrene	I	10	1.0	20	21	3
56-55-3	Benzo(a)anthracene	U	3	1.0	20	21	3
218-01-9	Chrysene	I	3	1.0	20	21	3
205-99-2	Benzo(b)fluoranthene	U	3	1.0	20	21	3
207-08-9	Benzo(k)fluoranthene	U	3	1.0	20	21	3
50-32-8	Benzo(a)pyrene	U	3	1.0	20	21	3
193-39-5	Indeno(1,2,3-cd)pyrene	U	5	1.0	20	21	5
191-24-2	Benzo(g,h,i)perylene	U	3	1.0	20	21	3
53-70-3	Dibenzo(a,h)anthracene	U	4	1.0	20	21	4
7297-45-2	2-Methylnaphthalene-d10		67%				
81103-79-9	Fluorene-d10		72%				
1718-52-1	Pyrene-d10		80%				

KATAHDIN ANALYTICAL SERVICES

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/04/07
Analysis Date: 06-APR-2007 07:17
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 89.6

Lab ID: SA1351-22
Client ID: JAX25-SB102-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: HC
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IJV	13	1.0	20	22	2.5
	n-Triacontane-D62		111%				
	O-Terphenyl		J111%				

KATAHDIN ANALYTICAL SERVICES

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/04/07
Analysis Date: 06-APR-2007 08:32
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.4

Lab ID: SA1351-23
Client ID: JAX25-SB103-03
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: HC
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IJV	7.3	1.0	20	22	2.4
	n-Triacontane-D62		109%				
	O-Terphenyl		107%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 19:04
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.7

Lab ID: SA1351-20
Client ID: JAX25-SB78-02
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	26	1.0	20	22	2.5
	n-Triacontane-D62		105%				
	O-Terphenyl		105%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 04/04/07
Analysis Date: 11-APR-2007 03:51
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 93.3

Lab ID: SA1351-21
Client ID: JAX25-SB79-01
SDG: SA1351
Extracted by: GN
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37547
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	JV	110	1.0	20	21	2.4
	n-Triacontane-D62		95%				
	O-Terphenyl		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 17:49
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.9

Lab ID: SA1351-19
Client ID: JAX25-SB81-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	98	1.0	20	22	2.4
	n-Triacontane-D62		103%				
	O-Terphenyl		108%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 16:35
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.8

Lab ID: SA1351-18
Client ID: JAX25-SB82-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	30	1.0	20	22	2.5
	n-Triacontane-D62		102%				
	O-Terphenyl		105%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 04:05
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 72.9

Lab ID: SA1351-15
Client ID: JAX25-SB83-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IV	15	1.0	20	27	3.0
	n-Triacontane-D62		70%				
	O-Terphenyl		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 20:20
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.5

Lab ID: SA1351-16
Client ID: JAX25-SB84-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IV	9.1	1.0	20	22	2.5
	n-Triacontane-D62		105%				
	O-Terphenyl		108%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 11-APR-2007 09:16
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 93.6

Lab ID: SA1351-17DL2
Client ID: JAX25-SB85-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	12000	100	20	2100	240
	n-Triacontane-D62		D				
	O-Terphenyl		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 22:50
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 79.7

Lab ID: SA1351-5DL
Client ID: JAX25-SB86-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	300	2.0	20	50	5.6
	n-Triacontane-D62		108%				
	O-Terphenyl		J110%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 11-APR-2007 00:05
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.0

Lab ID: SA1351-6RA
Client ID: JAX25-SB87-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	82	1.0	20	22	2.4
	n-Triacontane-D62		106%				
	O-Terphenyl		J110%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 09-APR-2007 23:04
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.5

Lab ID: SA1351-7
Client ID: JAX25-SB88-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IV	13	1.0	20	22	2.4
	n-Triacontane-D62		83%				
	O-Terphenyl		102%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 05:21
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 93.2

Lab ID: SA1351-8
Client ID: JAX25-SB89-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IV	17	1.0	20	21	2.4
	n-Triacontane-D62		70%				
	O-Terphenyl		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 09-APR-2007 18:03
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 72.0

Lab ID: SA1351-1RA
Client ID: JAX25-SB90-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	76	1.0	20	28	3.1
	n-Triacontane-D62		115%				
	O-Terphenyl		J120%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 09-APR-2007 19:18
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 88.3

Lab ID: SA1351-2RA
Client ID: JAX25-SB91-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	51	1.0	20	23	2.5
	n-Triacontane-D62		109%				
	O-Terphenyl		J111%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 09-APR-2007 20:34
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 83.1

Lab ID: SA1351-3
Client ID: JAX25-SB92-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	66	1.0	20	24	2.7
	n-Triacontane-D62		105%				
	O-Terphenyl		106%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 02:50
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 89.6

Lab ID: SA1351-4DL
Client ID: JAX25-SB93-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	190	2.0	20	45	5.0
	n-Triacontane-D62		98%				
	O-Terphenyl		103%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 00:20
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 89.5

Lab ID: SA1351-9
Client ID: JAX25-SB94-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	26	1.0	20	22	2.5
	n-Triacontane-D62		81%				
	O-Terphenyl		100%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 01:35
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 92.9

Lab ID: SA1351-10
Client ID: JAX25-SB95-01
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	49	1.0	20	22	2.4
	n-Triacontane-D62		76%				
	O-Terphenyl		95%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 11-APR-2007 02:36
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 91.9

Lab ID: SA1351-12DL2
Client ID: JAX25-SB96-01
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	3700	30	20	650	73
	n-Triacontane-D62		D				
	O-Terphenyl		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 06:36
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 83.4

Lab ID: SA1351-11
Client ID: JAX25-SB97-03
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	180	1.0	20	24	2.7
	n-Triacontane-D62		63%				
	O-Terphenyl		79%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 11-APR-2007 01:21
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 76.0

Lab ID: SA1351-13DL2
Client ID: JAX25-SB98-01
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	1100	10	20	260	29
	n-Triacontane-D62		D				
	O-Terphenyl		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 0003 NAS Jacksonville
PO No:
Sample Date: 03/28/07
Received Date: 03/29/07
Extraction Date: 03/30/07
Analysis Date: 10-APR-2007 02:50
Report Date: 04/11/2007
Matrix: SOIL
% Solids: 94.0

Lab ID: SA1351-14
Client ID: JAX25-SB99-01
SDG: SA1351
Extracted by: KF
Extraction Method: SW846 3550
Analyst: TR
Analysis Method: SW846 M8015
Lab Prep Batch: WG37445
Units: mg/Kgdrywt

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	25	1.0	20	21	2.4
	n-Triacontane-D62		76%				
	O-Terphenyl		93%				

Katahdin
ANALYTICAL SERVICES

Cert No E8760

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-1
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB90-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	72. %	1	CLP SOW 788	WG37573	04-APR-07 09:09:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E8760

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-2
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB91-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	88. %	1	CLP SOW 788	WG37573	04-APR-07 09:10:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-3
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB92-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	83. %	1	CLP SOW 788	WG37573	04-APR-07 09:11:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-4
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB93-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	90. %	1	CLP SOW 788	WG37573	04-APR-07 09:12:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-5
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB86-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	80. %	1	CLP SOW 788	WG37573	04-APR-07 09:13:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-6
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB87-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	92. %	1	CLP SOW 788	WG37573	04-APR-07 09:14:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-7
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB88-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	92. %	1	CLP SOW 788	WG37573	04-APR-07 09:15:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-8
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB89-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	93. %	1	CLP SOW 788	WG37573	04-APR-07 09:16:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-9
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB94-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	90. %	1	CLP SOW 788	WG37573	04-APR-07 09:17:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-10
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB95-01	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	93. %	1	CLP SOW 788	WG37573	04-APR-07 09:19:00	CLP SOW 788	03-APR-07	JF	

600 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
sales@katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-11
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB97-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	83. %	1	CLP SOW 788	WG37573	04-APR-07 09:20:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-12
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB96-01	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	92. %	1	CLP SOW 788	WG37573	04-APR-07 09:21:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-13
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB98-01	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	76. %	1	CLP SOW 788	WG37573	04-APR-07 09:22:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-14
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB99-01	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	94. %	1	CLP SOW 788	WG37573	04-APR-07 09:23:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-15
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB83-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	73. %	1	CLP SOW 788	WG37573	04-APR-07 09:24:00	CLP SOW 788	03-APR-07	JF	

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-16
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB84-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	88. %	1	CLP SOW 788	WG37573	04-APR-07 09:25:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-17
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB85-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	94. %	1	CLP SOW 788	WG37573	04-APR-07 09:26:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-18
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB82-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	89. %	1	CLP SOW 788	WG37573	04-APR-07 09:27:00	CLP SOW 788	03-APR-07	JF	

600 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
sales@katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-19
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB81-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	93. %	1	CLP SOW 788	WG37570	04-APR-07 09:30:00	CLP SOW 788	03-APR-07	JF	

600 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
sales@katahdinlab.com

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-20
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB78-02	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	89. %	1	CLP SOW 788	WG37570	04-APR-07 09:32:00	CLP SOW 788	03-APR-07	JF	

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-21
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB79-01	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	93. %	1	CLP SOW 788	WG37570	04-APR-07 09:33:00	CLP SOW 788	03-APR-07	JF	

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-22
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB102-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	90. %	1	CLP SOW 788	WG37570	04-APR-07 09:34:00	CLP SOW 788	03-APR-07	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: SA1351-23
Report Date: 05-APR-07
Client PO: 1015276
Project: CTO 0003 NAS Jacksonville
SDG: SA1351

Sample Description	Matrix	Date Sampled	Date Received
JAX25-SB103-03	SL	28-MAR-07	29-MAR-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	92. %	1	CLP SOW 788	WG37570	04-APR-07 09:35:00	CLP SOW 788	03-APR-07	JF	

APPENDIX F

FIXED-BASE LABORATORY RESULTS FOR GROUNDWATER

DECEMBER 2005

TETRA TECH NUS, INC.
CTO 003 NAS JACKSONVILLE
WV6563

KATAHDIN ANALYTICAL SERVICES, INC.
340 COUNTY ROAD 5
WESTBROOK, ME 04092

TABLE OF CONTENTS

Total number of pages: 367

SAMPLE DATA PACKAGE		0000001		
Narrative	----------	0000002	to	0000005
Supporting Documents	----------	0000006	to	0000010
Chain of Custody Record	----------	0000011	to	0000011
Login Report	----------	0000012	to	0000014
SAMPLE DATA SUMMARY				
Report of Analytical Results	----------	A0000001	to	A0000143
VOLATILE DATA		1000001		
QC Summary	----------	1000002	to	1000012
Sample Data	----------	1000013	to	1000027
Standards Data	----------	1000028	to	1000030
Logbooks and Supporting Documents	----------	1000031	to	1000033
SEMIVOLATILE DATA		2000001		
QC Summary	----------	2000002	to	2000027
Sample Data	----------	2000028	to	2000048
Standards Data	----------	2000049	to	2000056
Logbooks and Supporting Documents	----------	2000057	to	2000065
PETROLEUM RANGE HYDRCARBON DATA		3000001		
QC Summary	----------	3000002	to	3000012
Sample Data	----------	3000013	to	3000026
Standards Data	----------	3000027	to	3000032
Logbooks and Supporting Documents	----------	3000033	to	3000037
METALS DATA		4000001		
Sample Data	----------	4000002	to	4000016
QC Summary	----------	4000017	to	4000039
Logbooks and Supporting Documents	----------	4000040	to	4000041

ETHYLENE DIBROMIDE DATA 6000001

QC Summary	----------	6000002	to	6000010
Sample Data	----------	6000011	to	6000024
Standards Data	----------	6000025	to	6000031
Logbooks and Supporting Documents	----------	6000032	to	6000035

SAMPLE DATA PACKAGE

SDG NARRATIVE
KATAHDIN ANALYTICAL SERVICES
TETRA TECH NUS
CASE CTO 003 NAS JACKSONVILLE
WV6563
TASK ORDER MANAGER: GREG ROOF

Sample Receipt

The following samples were received on December 8, 2005 and were logged in under Katahdin Analytical Services work order number WV6563 for a hardcopy due date of December 21, 2005.

KATAHDIN Sample No.	TTNUS Sample Identification
WV6563-1	JAX-PCA25-MW05-12060
WV6563-2	JAX-PCA25-MW07-12060
WV6563-3	JAX-PCA25-MW11-12060
WV6563-4	JAX-PCA25-MW12-12060
WV6563-5	JAX-PCA25-MW13-12060
WV6563-6	JAX-PCA25-MW09-12070
WV6563-7	JAX-PCA25-MW02-12070
WV6563-8	JAX-PCA25-MW01-12070
WV6563-9	JAX-PCA25-MW03-12070
WV6563-10	JAX-PCA25-MW04-12070
WV6563-11	JAX-PCA25-FB01-12070
WV6563-12	JAX-PCA25-EB01-12070
WV6563-13	JAX-PCA25-TB01-04050

The samples were logged in for the analyses specified on the chain of custody form. All problems encountered and resolved during sample receipt have been documented on the applicable chain of custody forms.

We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in this narrative or in the Report of Analysis.

Sample analyses have been performed by the methods as noted herein.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact your Katahdin Analytical Services Project Manager, **Andrea J. Colby**. This narrative is an integral part of the Report of Analysis.

Organics Analysis

The samples of work order WV6563 were analyzed in accordance with "Test Methods for Evaluating Solid Wastes: Physical/Chemical Methods." SW-846. 2nd edition, 1982 (revised 1984), 3rd edition, 1986, and Updates I, II, IIA, and III 1996, Office of Solid Waste and

Emergency Response, U.S. EPA, and/or Method for Determination of Petroleum Range Organics (Method #FL-PRO), Florida Department of Environmental Protection, November 1, 1995 and/or "Methods for the Determination of Organic Compounds in Drinking Water", U.S. EPA, Environmental Monitoring and Support Laboratory - Cincinnati (September 1995), and/or for the specific methods listed below or on the Report of Analysis. Some manual integrations may have been performed due to split peaks and/or corrected baselines. All have been flagged with an "M" (software-generated) on the pertinent quantitation reports.

SW8260B Analysis

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are statistically derived for the full list of spiked compounds. The recoveries of the spiked analytes in the LCS, Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are compared to these acceptance limits. Katahdin standard operating procedure is not to take corrective action until greater than ten percent of the spiked analytes (with the exception of the common laboratory contaminants acetone and methylene chloride) in the LCS are outside of the QC limits. If the associated MS/MSD has greater than ten percent of the spiked analytes outside of the QC limits, no corrective action is taken, as long the LCS is acceptable.

Samples WV6563-1, 12, and 13 had high recoveries for the surrogate 1,2-dichloroethane-d4, which were outside of the laboratory established acceptance limits. Since a high recovery would indicate a high bias and there were no target analytes detected above the PQL in these samples, the samples were not reanalyzed.

8015M-FLPRO Analysis

The LCS WG23712-2 and the LCSD, WG23712-3 and had high recoveries for the extraction surrogate o-terphenyl, which were outside of the method acceptance limits. Since the recoveries for the second surrogate, n-triacontane-D_{62}, were within the acceptance limits, the associated samples were not reextracted.

Sample WV6563-5 had a low recovery for the extraction surrogate o-terphenyl, which was outside of the method acceptance limits. Since the recovery for the second surrogate, n-triacontane-D_{62}, was within the acceptance limits, the sample was not reextracted.

The target range PRO was detected above the MDL in the laboratory method blank, WG23812-1. Any PRO that was also detected in any of the associated samples was flagged with a "V" qualifier indicating that the analyte was detected in the method blank analyzed and/or extracted concurrently with the sample.

The CV standard (fileCVL2080) had low responses for some of the individual hydrocarbons, which resulted in %D's that were outside of the method acceptance limits of 20%. Since the method requirement applies to only the PRO range response, which was acceptable, the associated samples were not reanalyzed.

504.1 Analysis

The method blank WG23818-1, the laboratory control sample (LCS) WG23818-2, the laboratory control sample duplicate (LCSD) WG23818-3 and samples WV6563-1,3,4,5,6 and 9 had high recoveries for the surrogate TCX on one or both channels. These recoveries were outside of the laboratory established acceptance limits. Since a high recovery would indicate a high bias and the target analyte was not detected above the PQL in any of the associated samples, the samples were not reextracted.

The calibration verification standard (CV) (file 3VL1077) had a high response for 1,2-dibromoethane on channel A, which resulted in a %D that was outside of the method acceptance limits of 15%. Since the response was within the acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

The LCS and LCSD WG23818-2 and 3 had high recoveries for the spiked analyte 1,2-dibromoethane which were outside of the method acceptance limits. Since a high recovery would indicate a high bias and the target analyte was not detected above the PQL in any of the associated samples, the samples were not reextracted.

8270C SIM Analysis

Some target analytes were detected above the MDL in the method blank WG23418-1. Any of these analytes that were also detected in any of the associated samples were flagged with a "V" qualifier indicating that the analyte was detected in the method blank analyzed and/or extracted concurrently with the sample. The client was notified and informed the laboratory to reextract those samples that had target analytes detected above the MDL in both the method blank and samples. Therefore, samples WV6563-1, 2, 5, 6 and 9 were reextracted fourteen or fifteen days out of hold time and then analyzed. The results for both extractions are included in the report.

The LCS WG23814-2 had a low recovery for one surrogate, which was outside the laboratory nominal acceptance limits. Since the recoveries of the spiked analytes were acceptable, the associated samples were not reextracted.

The calibration verification standards (CV) (file U3068 and U3084) had high responses for the (CCC) calibration check compound fluoranthene, which resulted in %D's that were outside the method acceptance limit of 20%. Since a high response would indicate a high bias and this target analyte was not detected in the associated samples above the PQL, with the exception of WV6563-6, the associated samples were not reanalyzed.

There were no other protocol deviations or observations noted by the organics laboratory staff.

Metals Analysis

The samples of Katahdin Work Order WV6563 were prepared and analyzed for metals in accordance with the "Test Methods for Evaluating Aqueous Waste", SW-846, November 1986, Third Edition.

Inductively-Coupled Plasma Mass Spectrometric Analysis (ICP-MS)

Aqueous-matrix Katahdin Sample Nos. WV6563-(1-12) were digested for ICP-MS analysis on 12/15/05 (QC Batch VL15ICW0) in accordance with USEPA Method 3010A.

ICP-MS analyses of Work Order WV6563 sample digestates were performed in accordance with USEPA Method 6020 using an Agilent 7500 ICP-MS spectrometer. All samples were analyzed within holding times and all analytical run QC criteria were met, with the following comments or exceptions:

Some of the results for run QC samples (ICV, ICB, CCV, CCB, ICSA, and ICSAB) included in the accompanying data package may have exceeded acceptance limits for some elements. Please note that all client samples and batch QC samples associated with out-of-control results for run QC samples were subsequently reanalyzed for the analytes in question.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Operations Manager or the Quality Assurance Officer as verified by the following signature.

Leslie Dimond
12.30.05

Leslie Dimond
Quality Assurance Officer

KATAHDIN ANALYTICAL SERVICES, INC.
SAMPLE RECEIPT CONDITION REPORT
Tel. (207) 874-2400
Fax (207) 775-4029

LAB (WORK ORDER) # WV6563

PAGE: 1 OF 5

COOLER: 1 OF 5

CLIENT: TT PLAZS

PROJECT:

COC#
SDG#
DATE / TIME RECEIVED: 12/8/05 0950
DELIVERED BY: Fedex
RECEIVED BY: SNR
LIMS ENTRY BY: DO
LIMS REVIEW BY / PM: DL

	YES	NO	EXCEPTIONS	COMMENTS	RESOLUTION
1. CUSTODY SEALS PRESENT / INTACT?	☒	☐	☐		
2. CHAIN OF CUSTODY PRESENT IN THIS COOLER?	☒	☐	☐		
3. CHAIN OF CUSTODY SIGNED BY CLIENT?	☒	☐	☐		
4. CHAIN OF CUSTODY MATCHES SAMPLES?	☒	☐	☐		
5. TEMPERATURE BLANKS PRESENT?	☒	☐	☐	TEMP BLANK TEMP (°C)= 1.8	
6. SAMPLES RECEIVED AT 4°C +/- 2? CE / ICE PACKS PRESENT Y or N?	☐	☒	☐	COOLER TEMP (°C)= NA (RECORD COOLER TEMP ONLY IF TEMP BLANK IS NOT PRESENT)	
7. VOLATILES FREE OF HEADSPACE?	☒	☐	☐		
8. TRIP BLANK PRESENT IN THIS COOLER	☒	☐	☐		
9. PROPER SAMPLE CONTAINERS AND VOLUME?	☒	☐	☐		
10. SAMPLES WITHIN HOLD TIME UPON RECEIPT?	☒	☐	☐		
11. SAMPLES PROPERLY PRESERVED(1)?	☒	☐	☐		
12. CORRECTIVE ACTION REPORT FILED?	☐	☒	N/A		

13. ANALYTICAL PROGRAMS (CIRCLE ONE) COMMERCIAL CLP HAZWRAP (NFESC) ACOE AFCEE OTHER (STATE OF ORIGIN):

LOG - IN NOTES(1):

(1) Use this space (and additional sheets if necessary) to document samples that are received broken or compromised, C-O-C discrepancies, radiation checks, residual chlorine check, results of pH check if required. If samples required pH adjustment, record volume and type of preservative added.

000006

KATAHDIN ANALYTICAL SERVICES, INC.
SAMPLE RECEIPT CONDITION REPORT
Tel. (207) 874-2400
Fax (207) 775-4029

LAB (WORK ORDER) # WV6563

PAGE: 2 OF 5

COOLER: 2 OF 5

CLIENT: TT PCA86

PROJECT:

COC#
SDG#
DATE / TIME RECEIVED: 12/8/05 0950
DELIVERED BY: Fedex
RECEIVED BY: SNZ
LIMS ENTRY BY: DC
LIMS REVIEW BY / PM: M

	YES	NO	EXCEPTIONS	COMMENTS	RESOLUTION
1. CUSTODY SEALS PRESENT / INTACT?	☒	☐	☐		
2.CHAIN OF CUSTODY PRESENT IN THIS COOLER?	☐	☒	☐		
3. CHAIN OF CUSTODY SIGNED BY CLIENT?	☒	☐	☐		
4. CHAIN OF CUSTODY MATCHES SAMPLES?	☒	☐	☐		
5. TEMPERATURE BLANKS PRESENT?	☒	☐	☐	TEMP BLANK TEMP (°C)= 1.1	
6. SAMPLES RECEIVED AT 4°C +/- 2? ICE ICE PACKS PRESENT Y or N?	☐	☒	☐	COOLER TEMP (°C)= NA (RECORD COOLER TEMP ONLY IF TEMP BLANK IS NOT PRESENT)	
7. VOLATILES FREE OF HEADSPACE?	☐	☐	☒		
8. TRIP BLANK PRESENT IN THIS COOLER	☐	☒	☐		
9. PROPER SAMPLE CONTAINERS AND VOLUME?	☒	☐	☐		
10. SAMPLES WITHIN HOLD TIME UPON RECEIPT?	☒	☐	☐		
11. SAMPLES PROPERLY PRESERVED(1)?	☒	☐	☐		
12. CORRECTIVE ACTION REPORT FILED?	☐	☒	N/A		

13. ANALYTICAL PROGRAMS (CIRCLE ONE) COMMERCIAL CLP HAZWRAP NFESC ACOE AFCEE OTHER (STATE OF ORIGIN):

LOG - IN NOTES(1):

(1) Use this space (and additional sheets if necessary) to document samples that are received broken or compromised, C-O-C discrepancies, radiation checks, residual chlorine check, results of pH check if required. If samples required pH adjustment, record volume and type of preservative added.

KATAHDIN ANALYTICAL SERVICES, INC.
SAMPLE RECEIPT CONDITION REPORT
Tel. (207) 874-2400
Fax (207) 775-4029

LAB (WORK ORDER) # WV6563

PAGE: 3 OF 5

COOLER: 3 OF 5

CLIENT: TT PCA25

COC#
SDG#
DATE / TIME RECEIVED: 12/8/05 0950
DELIVERED BY: Fedex
RECEIVED BY: SMR
LIMS ENTRY BY: DC
LIMS REVIEW BY / PM: [illegible]

PROJECT:

	YES	NO	EXCEPTIONS	COMMENTS	RESOLUTION
1. CUSTODY SEALS PRESENT / INTACT?	☒	☐	☐		
2.CHAIN OF CUSTODY PRESENT IN THIS COOLER?	☐	☒	☐		
3. CHAIN OF CUSTODY SIGNED BY CLIENT?	☒	☐	☐		
4. CHAIN OF CUSTODY MATCHES SAMPLES?	☒	☐	☐		
5. TEMPERATURE BLANKS PRESENT?	☒	☐	☐	TEMP BLANK TEMP (°C)= 1.1	
6. SAMPLES RECEIVED AT 4°C +/- 2? (CE) / ICE PACKS PRESENT Y or N?	☐	☒	☐	COOLER TEMP (°C)= NA (RECORD COOLER TEMP ONLY IF TEMP BLANK IS NOT PRESENT)	
7. VOLATILES FREE OF HEADSPACE?	☐	☐	☒		
8. TRIP BLANK PRESENT IN THIS COOLER	☐	☒	☐		
9. PROPER SAMPLE CONTAINERS AND VOLUME?	☒	☐	☐		
10. SAMPLES WITHIN HOLD TIME UPON RECEIPT?	☒	☐	☐		
11. SAMPLES PROPERLY PRESERVED(1)?	☒	☐	☐		
12. CORRECTIVE ACTION REPORT FILED?	☐	☒	N/A		

13. ANALYTICAL PROGRAMS (CIRCLE ONE) COMMERCIAL CLP HAZWRAP (NFESC) ACOE AFCEE OTHER (STATE OF ORIGIN):

LOG - IN NOTES(1):

(1) Use this space (and additional sheets if necessary) to document samples that are received broken or compromised, C-O-C discrepancies, radiation checks, residual chlorine check, results of pH check if required. If samples required pH adjustment, record volume and type of preservative added.

KATAHDIN ANALYTICAL SERVICES, INC.
SAMPLE RECEIPT CONDITION REPORT
Tel. (207) 874-2400
Fax (207) 775-4029

LAB (WORK ORDER) # WU6563

PAGE: 4 OF 5

COOLER: 4 OF 5

CLIENT: TTNUS

PROJECT:

COC#
SDG#
DATE / TIME RECEIVED: 12/8/05 0950
DELIVERED BY: FEDEX
RECEIVED BY: SNZ
LIMS ENTRY BY: AC
LIMS REVIEW BY / PM: AC

	YES	NO	EXCEPTIONS	COMMENTS	RESOLUTION
1. CUSTODY SEALS PRESENT / INTACT?	☒	☐	☐		
2.CHAIN OF CUSTODY PRESENT IN THIS COOLER?	☒ SM 12/8	☒	☐		
3. CHAIN OF CUSTODY SIGNED BY CLIENT?	☒	☐	☐		
4. CHAIN OF CUSTODY MATCHES SAMPLES?	☒	☐	☐		
5. TEMPERATURE BLANKS PRESENT?	☒	☐	☐	TEMP BLANK TEMP (°C)= 0.8	
6. SAMPLES RECEIVED AT 4°C +/- 2? ICE / ICE PACKS PRESENT (Y) or N?	☐	☒	☐	COOLER TEMP (°C)= NA (RECORD COOLER TEMP ONLY IF TEMP BLANK IS NOT PRESENT)	
7. VOLATILES FREE OF HEADSPACE?	☐	☐	☒		
8. TRIP BLANK PRESENT IN THIS COOLER	☐	☒	☐		
9. PROPER SAMPLE CONTAINERS AND VOLUME?	☒	☐	☐		
10. SAMPLES WITHIN HOLD TIME UPON RECEIPT?	☒	☐	☐		
11. SAMPLES PROPERLY PRESERVED(1)?	☒	☐	☐		
12. CORRECTIVE ACTION REPORT FILED?	☐	☒	N/A		

13. ANALYTICAL PROGRAMS (CIRCLE ONE) COMMERCIAL CLP HAZWRAP (NFESC) ACOE AFCEE OTHER (STATE OF ORIGIN):

LOG - IN NOTES(1):

(1) Use this space (and additional sheets if necessary) to document samples that are received broken or compromised, C-O-C discrepancies, radiation checks, residual chlorine check, results of pH check if required. If samples required pH adjustment, record volume and type of preservative added.

000009

KATAHDIN ANALYTICAL SERVICES, INC.
SAMPLE RECEIPT CONDITION REPORT
Tel. (207) 874-2400
Fax (207) 775-4029

LAB (WORK ORDER) # WVC563

PAGE: 5 OF 5

COOLER: 5 OF 5

COC#
SDG#
DATE / TIME RECEIVED: 12/9/05 0950
DELIVERED BY: FEDEX
RECEIVED BY: SNZ
LIMS ENTRY BY: DA
LIMS REVIEW BY / PM: M

CLIENT: TTNUS

PROJECT:

	YES	NO	EXCEPTIONS	COMMENTS	RESOLUTION
1. CUSTODY SEALS PRESENT / INTACT?	☒	☐	☐		
2.CHAIN OF CUSTODY PRESENT IN THIS COOLER?	☐	☒	☐		
3. CHAIN OF CUSTODY SIGNED BY CLIENT?	☒	☐	☐		
4. CHAIN OF CUSTODY MATCHES SAMPLES?	☒	☐	☐		
5. TEMPERATURE BLANKS PRESENT?	☒	☐	☐	TEMP BLANK TEMP (°C)= 1.9	
6. SAMPLES RECEIVED AT 4°C +/- 2? (CE) ICE PACKS PRESENT (Y) or N?	☐	☒	☐	COOLER TEMP (°C)= NA (RECORD COOLER TEMP ONLY IF TEMP BLANK IS NOT PRESENT)	
7. VOLATILES FREE OF HEADSPACE?	☐	☐	☒		
8. TRIP BLANK PRESENT IN THIS COOLER	☐	☒	☐		
9. PROPER SAMPLE CONTAINERS AND VOLUME?	☒	☐	☐		
10. SAMPLES WITHIN HOLD TIME UPON RECEIPT?	☒	☐	☐		
11. SAMPLES PROPERLY PRESERVED(1)?	☒	☐	☐		
12. CORRECTIVE ACTION REPORT FILED?	☐	☒	N/A		

13. ANALYTICAL PROGRAMS (CIRCLE ONE) COMMERCIAL CLP HAZWRAP (NFESC) ACOE AFCEE OTHER (STATE OF ORIGIN):

LOG - IN NOTES(1): Added 1ml HNO_3 to MW13 metals sample pH≤2
Added 1ml HCl to both FLRRO ambers

(1) Use this space (and additional sheets if necessary) to document samples that are received broken or compromised, C-O-C discrepancies, radiation checks, residual chlorine check, results of pH check if required. If samples required pH adjustment, record volume and type of preservative added.

000010

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER 3206 | PAGE ____ OF _____

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
112G00132	PCA 25	GREG ROOF	904-636-6125	KATAHDIN / ANDREA COLBY
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
Alan Pate, Shina A. Ballard		ALAN PATE	904-636-6125	340 County Rd. No. 5
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FEDEX (SEE COMMENTS FOR TRACKING #'S)		WESTBROOKE, ME 04098

STANDARD TAT [X]
RUSH TAT [ ]
[ ] 24 hr. [ ] 48 hr. [ ] 72 hr. [ ] 7 day [ ] 14 day

DATE YEAR 2005	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	BTEX + MTBE (5035/8260B)	EDB (504.1)	LEAD (6010B)	PAHs (8270C SIM)	TRPH (FL PRO)				COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									G	G	P	G	G				
PRESERVATIVE USED									HCL	HCL	HNO3	/	HCL				
12/6	0915	JAX-PCA25-MW05-120605				GW	G	9	2	2	1	2	2				Cool to 4°C
	1005	JAX-PCA25-MW07-120605						9	2	2	1	2	2				
	1100	JAX-PCA25-MW11-120605						9	2	2	1	2	2				WR#
	1155	JAX-PCA25-MW12-120605						9	2	2	1	2	2				1004535
	1245	JAX-PCA25-MW13-120605						9	2	2	1	2	2				ADD EDB TO
12/7	0845	JAX-PCA25-MW09-120705						9	2	2	1	2	2				WORK RELEASE
	0945	JAX-PCA25-MW02-120705						9	2	2	1	2	2				
	1045	JAX-PCA25-MW01-120705						9	2	2	1	2	2				1) 790737049759
	1140	JAX-PCA25-MW03-120705						9	2	2	1	2	2				2) 790245556130
	1240	JAX-PCA25-MW04-120705						9	2	2	1	2	2				3) 791296540849
	0800	JAX-PCA25-FB01-120705						9	2	2	1	2	2				4) 792456994951
	1300	JAX-PCA25-EB01-120705						9	2	2	1	2	2				5) 790245560063
	1720	JAX-PCA25-TB01-040505						2	X								

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY Alan Pate	12/7/05	1600	1. RECEIVED BY		
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

00001

Katahdin
ANALYTICAL SERVICES

Katahdin Analytical Services

Login Chain of Custody Report (lno1)

Dec. 08, 2005
10:16 AM

Login Number: WV6563

Account: TETRAT001 Web
Tetra Tech NUS, Inc.

Project: TETRAT003001

Primary Report Address:
Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Foster Plaza 7
Pittsburgh,PA 15220

Primary Invoice Address:
Accounts Payable
Tetra Tech NUS, Inc.
661 Andersen Drive
Foster Plaza 7
Pittsburgh,PA 15220

Report CC Addresses:
Invoice CC Addresses:

Login Information

ANALYSIS INSTRUCTIONS	:	
CHECK NO.	:	
CLIENT PO#	:	MSA-0402-N4113-05 WR1004535
COOLER TEMPERATURE	:	
DELIVERY SERVICES	:	FEDEX
EDD FORMAT	:	KAS050QC-TXT
MAIL DATE	:	
PM	:	AJC
PROJECT NAME	:	CTO 003 NAS JACKSONVILLE
QC LEVEL	:	III
REGULATORY LIST	:	NFESC
REPORT INSTRUCTIONS	:	Need to use Florida flagging. Rpt to MDL/IDL & flag to PQL. Send rpt on 2 CDs. Put EDD on CDs.
SDG ID	:	
SDG STATUS	:	

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
WV6563-1	JAX-PCA25-MW05-12060	06-DEC-05 09:15	08-DEC-05			21-DEC-05	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	E504.1-S	20-DEC-05	40mL Vial+HCl	2
Aqueous	S	SW3010-PREP	04-JUN-06		
Aqueous	S	SW6010-LEAD	04-JUN-06	250mL Plastic+HNO3	1
Aqueous	S	SW8015M-FLPRO	13-DEC-05		2
Aqueous	S	SW8260BTEX+MTBE	20-DEC-05	40mL Vial+HCl	2
Aqueous	S	SW8270SIM-S	13-DEC-05	1L N-Amber Glass	2

WV6563-2	JAX-PCA25-MW07-12060	06-DEC-05 10:05	08-DEC-05			21-DEC-05	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	E504.1-S	20-DEC-05	40mL Vial+HCl	2
Aqueous	S	SW3010-PREP	04-JUN-06		
Aqueous	S	SW6010-LEAD	04-JUN-06	250mL Plastic+HNO3	1
Aqueous	S	SW8015M-FLPRO	13-DEC-05		2
Aqueous	S	SW8260BTEX+MTBE	20-DEC-05	40mL Vial+HCl	2
Aqueous	S	SW8270SIM-S	13-DEC-05	1L N-Amber Glass	2

WV6563-3	JAX-PCA25-MW11-12060	06-DEC-05 11:00	08-DEC-05			21-DEC-05	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	E504.1-S	20-DEC-05	40mL Vial+HCl	2
Aqueous	S	SW3010-PREP	04-JUN-06		
Aqueous	S	SW6010-LEAD	04-JUN-06	250mL Plastic+HNO3	1
Aqueous	S	SW8015M-FLPRO	13-DEC-05		2
Aqueous	S	SW8260BTEX+MTBE	20-DEC-05	40mL Vial+HCl	2
Aqueous	S	SW8270SIM-S	13-DEC-05	1L N-Amber Glass	2

WV6563-4	JAX-PCA25-MW12-12060	06-DEC-05 11:55	08-DEC-05			21-DEC-05	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	E504.1-S	20-DEC-05	40mL Vial+HCl	2
Aqueous	S	SW3010-PREP	04-JUN-06		
Aqueous	S	SW6010-LEAD	04-JUN-06	250mL Plastic+HNO3	1
Aqueous	S	SW8015M-FLPRO	13-DEC-05		2
Aqueous	S	SW8260BTEX+MTBE	20-DEC-05	40mL Vial+HCl	2
Aqueous	S	SW8270SIM-S	13-DEC-05	1L N-Amber Glass	2

Katahdin
ANALYTICAL SERVICES

Katahdin Analytical Services

Login Chain of Custody Report (Ino1)

Dec. 08, 2005
10:16 AM

Login Number: WV6563

Account: TETRAT001 Web
Tetra Tech NUS, Inc.

Project: TETRAT003001

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
WV6563-5	JAX-PCA25-MW13-12060	06-DEC-05 12:45	08-DEC-05			21-DEC-05	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	E504.1-S	20-DEC-05	40mL Vial+HCl	2
Aqueous	S	SW3010-PREP	04-JUN-06		
Aqueous	S	SW6010-LEAD	04-JUN-06	250mL Plastic+HNO3	1
Aqueous	S	SW8015M-FLPRO	13-DEC-05		2
Aqueous	S	SW8260BTEX+MTBE	20-DEC-05	40mL Vial+HCl	2
Aqueous	S	SW8270SIM-S	13-DEC-05	1L N-Amber Glass	2

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
WV6563-6	JAX-PCA25-MW09-12070	07-DEC-05 08:45	08-DEC-05			21-DEC-05	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	E504.1-S	21-DEC-05	40mL Vial+HCl	2
Aqueous	S	SW3010-PREP	05-JUN-06		
Aqueous	S	SW6010-LEAD	05-JUN-06	250mL Plastic+HNO3	1
Aqueous	S	SW8015M-FLPRO	14-DEC-05		2
Aqueous	S	SW8260BTEX+MTBE	21-DEC-05	40mL Vial+HCl	2
Aqueous	S	SW8270SIM-S	14-DEC-05	1L N-Amber Glass	2

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
WV6563-7	JAX-PCA25-MW02-12070	07-DEC-05 09:45	08-DEC-05			21-DEC-05	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	E504.1-S	21-DEC-05	40mL Vial+HCl	2
Aqueous	S	SW3010-PREP	05-JUN-06		
Aqueous	S	SW6010-LEAD	05-JUN-06	250mL Plastic+HNO3	1
Aqueous	S	SW8015M-FLPRO	14-DEC-05		2
Aqueous	S	SW8260BTEX+MTBE	21-DEC-05	40mL Vial+HCl	2
Aqueous	S	SW8270SIM-S	14-DEC-05	1L N-Amber Glass	2

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
WV6563-8	JAX-PCA25-MW01-12070	07-DEC-05 10:45	08-DEC-05			21-DEC-05	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	E504.1-S	21-DEC-05	40mL Vial+HCl	2
Aqueous	S	SW3010-PREP	05-JUN-06		
Aqueous	S	SW6010-LEAD	05-JUN-06	250mL Plastic+HNO3	1
Aqueous	S	SW8015M-FLPRO	14-DEC-05		2
Aqueous	S	SW8260BTEX+MTBE	21-DEC-05	40mL Vial+HCl	2
Aqueous	S	SW8270SIM-S	14-DEC-05	1L N-Amber Glass	2

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
WV6563-9	JAX-PCA25-MW03-12070	07-DEC-05 11:40	08-DEC-05			21-DEC-05	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	E504.1-S	21-DEC-05	40mL Vial+HCl	2
Aqueous	S	SW3010-PREP	05-JUN-06		
Aqueous	S	SW6010-LEAD	05-JUN-06	250mL Plastic+HNO3	1
Aqueous	S	SW8015M-FLPRO	14-DEC-05		2
Aqueous	S	SW8260BTEX+MTBE	21-DEC-05	40mL Vial+HCl	2
Aqueous	S	SW8270SIM-S	14-DEC-05	1L N-Amber Glass	2

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
WV6563-10	JAX-PCA25-MW04-12070	07-DEC-05 12:40	08-DEC-05			21-DEC-05	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	E504.1-S	21-DEC-05	40mL Vial+HCl	2
Aqueous	S	SW3010-PREP	05-JUN-06		
Aqueous	S	SW6010-LEAD	05-JUN-06	250mL Plastic+HNO3	1
Aqueous	S	SW8015M-FLPRO	14-DEC-05		2
Aqueous	S	SW8260BTEX+MTBE	21-DEC-05	40mL Vial+HCl	2
Aqueous	S	SW8270SIM-S	14-DEC-05	1L N-Amber Glass	2

Katahdin
ANALYTICAL SERVICES

Katahdin Analytical Services

Login Chain of Custody Report (Ino1)

Dec. 08, 2005
10:16 AM

Login Number: WV6563

Account: TETRAT001 Web
Tetra Tech NUS, Inc.

Project: TETRAT003001

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
WV6563-11	JAX-PCA25-FB01-12070	07-DEC-05 08:00	08-DEC-05			21-DEC-05	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	E504.1-S	21-DEC-05	40mL Vial+HCl	2
Aqueous	S	SW3010-PREP	05-JUN-06		
Aqueous	S	SW6010-LEAD	05-JUN-06	250mL Plastic+HNO3	1
Aqueous	S	SW8015M-FLPRO	14-DEC-05		2
Aqueous	S	SW8260BTEX+MTBE	21-DEC-05	40mL Vial+HCl	2
Aqueous	S	SW8270SIM-S	14-DEC-05	1L N-Amber Glass	2

WV6563-12	JAX-PCA25-EB01-12070	07-DEC-05 13:00	08-DEC-05			21-DEC-05	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	E504.1-S	21-DEC-05	40mL Vial+HCl	2
Aqueous	S	SW3010-PREP	05-JUN-06		
Aqueous	S	SW6010-LEAD	05-JUN-06	250mL Plastic+HNO3	1
Aqueous	S	SW8015M-FLPRO	14-DEC-05		2
Aqueous	S	SW8260BTEX+MTBE	21-DEC-05	40mL Vial+HCl	2
Aqueous	S	SW8270SIM-S	14-DEC-05	1L N-Amber Glass	2

WV6563-13	JAX-PCA25-TB01-04050	07-DEC-05 17:20	08-DEC-05			21-DEC-05	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	SW8260BTEX+MTBE	21-DEC-05	40mL Vial+HCl	2

***Total Samples:* 13** ***Total Analyses:* 73**

VOLATILES DATA

QC Summary Section

FORM 2
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	WG23919-LCS	WG23919-1	103	103	95	98	0
02	WG23919-BLANK	WG23919-2	110	116	100	103	0
03	AX-PCA25-TB01-04050	WV6563-13	113	122J	104	109	1
04	AX-PCA25-EB01-12070	WV6563-12	118	128J	110	118	1
05	AX-PCA25-FB01-12070	WV6563-11	107	112	97	100	0
06	AX-PCA25-MW05-12060	WV6563-1	111	120J	102	109	1
07	AX-PCA25-MW07-12060	WV6563-2	114	118	104	108	0
08	AX-PCA25-MW11-12060	WV6563-3	103	112	94	99	0
09	AX-PCA25-MW13-12060	WV6563-5	103	106	97	100	0
10	AX-PCA25-MW09-12070	WV6563-6	105	116	98	104	0
11	AX-PCA25-MW02-12070	WV6563-7	104	112	97	105	0
12	AX-PCA25-MW01-12070	WV6563-8	102	113	96	102	0
13	AX-PCA25-MW03-12070	WV6563-9	100	107	100	101	0
14	AX-PCA25-MW04-12070	WV6563-10	94	100	94	98	0
15	AX-PCA25-MW12-12060	WV6563-4	96	95	95	94	0
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							

			QC LIMITS
SMC1	(DBF)	= Dibromofluoromethane	(76-118)
SMC2	(DCA)	= 1,2-Dichloroethane-D4	(76-119)
SMC3	(TOL)	= Toluene-D8	(68-122)
SMC4	(BFB)	= P-Bromofluorobenzene	(56-119)

Column to be used to flag recovery values

J Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG23919-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Lab File ID: F9939 Lab Sample ID: WG23919-2

Date Analyzed: 12/15/05 Time Analyzed: 1247

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMS-F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG23919-LCS	WG23919-1	F9937	12/15/05	1128
02	AX-PCA25-TB01-04050	WV6563-13	F9940	12/15/05	1332
03	AX-PCA25-EB01-12070	WV6563-12	F9941	12/15/05	1405
04	AX-PCA25-FB01-12070	WV6563-11	F9942	12/15/05	1439
05	AX-PCA25-MW05-12060	WV6563-1	F9945	12/15/05	1620
06	AX-PCA25-MW07-12060	WV6563-2	F9946	12/15/05	1654
07	AX-PCA25-MW11-12060	WV6563-3	F9947	12/15/05	1728
08	AX-PCA25-MW13-12060	WV6563-5	F9948	12/15/05	1802
09	AX-PCA25-MW09-12070	WV6563-6	F9949	12/15/05	1835
10	AX-PCA25-MW02-12070	WV6563-7	F9950	12/15/05	1909
11	AX-PCA25-MW01-12070	WV6563-8	F9951	12/15/05	1943
12	AX-PCA25-MW03-12070	WV6563-9	F9952	12/15/05	2017
13	AX-PCA25-MW04-12070	WV6563-10	F9953	12/15/05	2051
14	AX-PCA25-MW12-12060	WV6563-4	F9954	12/15/05	2124
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV VOA

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 15-DEC-2005 12:47
Report Date: 12/16/2005
Matrix: WATER
% Solids: NA

Lab ID: WG23919-2
Client ID: WG23919-Blank
SDG: WV6563
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23919
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		110%				
17060-07-0	1,2-Dichloroethane-D4		116%				
2037-26-5	Toluene-D8		100%				
460-00-4	P-Bromofluorobenzene		103%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/15/05
Report Date: 12/16/2005
Matrix: WATER

Lab ID: WG23919-1
Client ID: WG23919-LCS
SDG: WV6563
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23919
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	1.0	*	2	4-217
Chloromethane	50	NA	9.1	*	18	40-163
Vinyl chloride	50	NA	13	*	25	55-151
Bromomethane	50	NA	24		49	24-217
Chloroethane	50	NA	25	*	51	69-134
Trichlorofluoromethane	50	NA	32	*	64	71-147
Diethyl Ether	50	NA	56		112	67-135
Tertiary-butyl alcohol	250	NA	270		108	58-146
1,1-Dichloroethene	50	NA	34	*	69	78-136
Carbon Disulfide	50	NA	30	*	61	70-136
Freon-113	50	NA	53		106	60-140
Iodomethane	50	NA	33		66	60-140
Acrolein	250	NA	222		89	0-199
Methylene Chloride	50	NA	44		88	52-115
Acetone	50	NA	46		93	0-158
Isobutyl Alcohol	1000	NA	841		84	60-140
trans-1,2-Dichloroethene	50	NA	39	*	78	84-131
Allyl Chloride	50	NA	45		91	60-140
Methyl tert-butyl ether	100	NA	104		104	62-130
Acetonitrile	500	NA	462		92	53-141
Di-isopropyl ether	50	NA	49		98	82-130
Chloroprene	50	NA	52		104	60-140
Methacrylonitrile	500	NA	529		106	60-140
Propionitrile	500	NA	494		99	60-140
1,1-Dichloroethane	50	NA	48		95	81-134
Acrylonitrile	250	NA	265		106	29-172
Ethyl tertiary-butyl ether	50	NA	51		101	85-124
Vinyl Acetate	50	NA	46		92	68-174
cis-1,2-Dichloroethene	50	NA	47		95	84-123
1,2-Dichloroethylene (total)	100	NA	86		86	84-131
Methyl Methacrylate	50	NA	51		101	60-140
2,2-Dichloropropane	50	NA	46		93	69-150
Bromochloromethane	50	NA	50		100	77-146
Chloroform	50	NA	53		106	80-130
Carbon Tetrachloride	50	NA	46		92	74-137
Tetrahydrofuran	50	NA	52		105	32-140
1,1,1-Trichloroethane	50	NA	49		97	76-138
1,1-Dichloropropene	50	NA	42		84	82-120
2-Butanone	50	NA	96	*	192	49-154
Benzene	50	NA	45		90	88-120
Cyclohexane	50	NA	44		89	60-140
Ethyl Methacrylate	50	NA	45		90	60-140
Tertiary-amyl methyl ether	50	NA	53		107	85-125
1,2-Dichloroethane	50	NA	50		100	78-138
Trichloroethene	50	NA	47		94	80-125

FORM III VOA-1
F9937.D

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/15/05
Report Date: 12/16/2005
Matrix: WATER

Lab ID: WG23919-1
Client ID: WG23919-LCS
SDG: WV6563
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23919
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dibromomethane	50	NA	50		100	88-130
1,2-Dichloropropane	50	NA	49		98	80-122
Bromodichloromethane	50	NA	51		103	83-133
cis-1,3-dichloropropene	50	NA	54		107	81-138
1,4-Dioxane	1000	NA	0.00	*	0	60-140
2-Chloroethylvinylether	50	NA	43		85	50-211
Toluene	50	NA	49		99	88-121
4-methyl-2-pentanone	50	NA	55		110	72-140
Tetrachloroethene	50	NA	46		92	77-129
trans-1,3-Dichloropropene	50	NA	58		116	81-149
1,1,2-Trichloroethane	50	NA	54		107	82-126
Dibromochloromethane	50	NA	52		104	80-133
1,3-Dichloropropane	50	NA	53		107	86-125
1,2-Dibromoethane	50	NA	52		104	88-127
2-Hexanone	50	NA	54		107	45-146
Chlorobenzene	50	NA	52		103	84-123
Ethylbenzene	50	NA	52		104	84-134
1,1,1,2-Tetrachloroethane	50	NA	56		111	83-130
Xylenes (total)	150	NA	153		102	88-123
m+p-Xylenes	100	NA	102		102	88-122
o-Xylene	50	NA	51		102	90-123
Styrene	50	NA	51		103	87-131
Bromoform	50	NA	47		95	77-138
Isopropylbenzene	50	NA	55		110	88-125
cis-1,4-Dichloro-2-Butene	50	NA	50		99	60-140
trans-1,4-Dichloro-2-Butene	50	NA	54		108	60-140
Bromobenzene	50	NA	52		105	84-133
N-Propylbenzene	50	NA	50		100	88-124
1,1,2,2-Tetrachloroethane	50	NA	53		106	81-131
1,3,5-Trimethylbenzene	50	NA	51		101	89-124
2-Chlorotoluene	50	NA	50		100	84-128
1,2,3-Trichloropropane	50	NA	52		104	76-132
4-Chlorotoluene	50	NA	51		101	86-132
tert-Butylbenzene	50	NA	50		101	82-131
Pentachloroethane	50	NA	53		106	60-140
1,2,4-Trimethylbenzene	50	NA	50		101	88-121
P-Isopropyltoluene	50	NA	50		99	86-122
1,3-Dichlorobenzene	50	NA	50		100	86-124
1,4-Dichlorobenzene	50	NA	50		99	80-127
N-Butylbenzene	50	NA	46		92	81-133
sec-Butylbenzene	50	NA	48		96	85-122
1,2-Dichlorobenzene	50	NA	47		95	86-126
1,2-Dibromo-3-Chloropropane	50	NA	52		104	61-136
1,3,5-Trichlorobenzene	50	NA	52		104	67-128
Hexachlorobutadiene	50	NA	49		98	52-129

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/15/05
Report Date: 12/16/2005
Matrix: WATER

Lab ID: WG23919-1
Client ID: WG23919-LCS
SDG: WV6563
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23919
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	49	98	53-157
1,2,3-Trimethylbenzene	50	NA	50	100	60-140
Naphthalene	50	NA	46	91	45-151
1,2,3-Trichlorobenzene	50	NA	38	76	30-164
Methyl Acetate	50	NA	44	88	60-140
Methylcyclohexane	50	NA	52	104	60-140

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Lab File ID: FB290 BFB Injection Date: 12/12/05

Instrument ID: GCMS-F BFB Injection Time: 1052

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	34.8
75	30.0 - 60.0% of mass 95	60.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	5.3
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	62.4
175	5.0 - 9.0% of mass 174	5.4 (8.7)1
176	95.0 - 101.0% of mass 174	60.0 (96.1)1
177	5.0 - 9.0% of mass 176	4.1 (6.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050F12A	F9879	12/12/05	1117
02		VSTD020F12A	F9880	12/12/05	1151
03		VSTD005F12A	F9881	12/12/05	1225
04		VSTD200F12B	F9885	12/12/05	1449
05		VSTD100F12B	F9886	12/12/05	1522
06		VSTD001F12C	F9891	12/12/05	1811
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Lab File ID: FB293 BFB Injection Date: 12/15/05

Instrument ID: GCMS-F BFB Injection Time: 1020

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	31.4
75	30.0 - 60.0% of mass 95	58.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	8.3
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	71.4
175	5.0 - 9.0% of mass 174	4.1 (5.7)1
176	95.0 - 101.0% of mass 174	68.1 (95.4)1
177	5.0 - 9.0% of mass 176	4.5 (6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050F15A	F9936	12/15/05	1044
02	WG23919-LCS	WG23919-1	F9937	12/15/05	1128
03	WG23919-BLANK	WG23919-2	F9939	12/15/05	1247
04	AX-PCA25-TB01-04050	WV6563-13	F9940	12/15/05	1332
05	AX-PCA25-EB01-12070	WV6563-12	F9941	12/15/05	1405
06	AX-PCA25-FB01-12070	WV6563-11	F9942	12/15/05	1439
07	AX-PCA25-MW05-12060	WV6563-1	F9945	12/15/05	1620
08	AX-PCA25-MW07-12060	WV6563-2	F9946	12/15/05	1654
09	AX-PCA25-MW11-12060	WV6563-3	F9947	12/15/05	1728
10	AX-PCA25-MW13-12060	WV6563-5	F9948	12/15/05	1802
11	AX-PCA25-MW09-12070	WV6563-6	F9949	12/15/05	1835
12	AX-PCA25-MW02-12070	WV6563-7	F9950	12/15/05	1909
13	AX-PCA25-MW01-12070	WV6563-8	F9951	12/15/05	1943
14	AX-PCA25-MW03-12070	WV6563-9	F9952	12/15/05	2017
15	AX-PCA25-MW04-12070	WV6563-10	F9953	12/15/05	2051
16	AX-PCA25-MW12-12060	WV6563-4	F9954	12/15/05	2124
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Lab File ID (Standard): F9936 Date Analyzed: 12/15/05

Instrument ID: GCMS-F Time Analyzed: 1044

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD		469641	8.69	693420	9.39	614206	12.80
UPPER LIMIT		939282	9.19	1386840	9.89	1228412	13.30
LOWER LIMIT		234821	8.19	346710	8.89	307103	12.30
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG23919-LCS	WG23919-1	529164	8.69	811762	9.40	704760	12.81
02 WG23919-BLANK	WG23919-2	509857	8.69	776383	9.40	686316	12.81
03 AX-PCA25-TB01-04050	WV6563-13	467422	8.69	705363	9.40	633045	12.81
04 AX-PCA25-EB01-12070	WV6563-12	457642	8.70	686262	9.41	611198	12.81
05 AX-PCA25-FB01-12070	WV6563-11	465970	8.68	707538	9.41	622874	12.80
06 AX-PCA25-MW05-12060	WV6563-1	444685	8.66	663275	9.39	591531	12.81
07 AX-PCA25-MW07-12060	WV6563-2	441963	8.70	667728	9.41	590503	12.81
08 AX-PCA25-MW11-12060	WV6563-3	440875	8.69	664058	9.40	579577	12.80
09 AX-PCA25-MW13-12060	WV6563-5	453480	8.74	700992	9.41	625330	12.81
10 AX-PCA25-MW09-12070	WV6563-6	438894	8.67	666781	9.40	599341	12.80
11 AX-PCA25-MW02-12070	WV6563-7	460178	8.65	686434	9.40	608438	12.81
12 AX-PCA25-MW01-12070	WV6563-8	448242	8.70	667821	9.39	587672	12.80
13 AX-PCA25-MW03-12070	WV6563-9	467327	8.72	730510	9.40	670001	12.81
14 AX-PCA25-MW04-12070	WV6563-10	516192	8.72	779947	9.40	695858	12.80
15 AX-PCA25-MW12-12060	WV6563-4	562810	8.73	837374	9.42	727429	12.81
16							
17							
18							
19							
20							

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Lab File ID (Standard): F9936 Date Analyzed: 12/15/05

Instrument ID: GCMS-F Time Analyzed: 1044

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		264444	15.90				
UPPER LIMIT		528888	16.40				
LOWER LIMIT		132222	15.40				
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG23919-LCS	WG23919-1	262409	15.91				
02 WG23919-BLANK	WG23919-2	258594	15.90				
03 AX-PCA25-TB01-04050	WV6563-13	243523	15.91				
04 AX-PCA25-EB01-12070	WV6563-12	237166	15.91				
05 AX-PCA25-FB01-12070	WV6563-11	230340	15.91				
06 AX-PCA25-MW05-12060	WV6563-1	224844	15.90				
07 AX-PCA25-MW07-12060	WV6563-2	226907	15.91				
08 AX-PCA25-MW11-12060	WV6563-3	225047	15.90				
09 AX-PCA25-MW13-12060	WV6563-5	229863	15.91				
10 AX-PCA25-MW09-12070	WV6563-6	237130	15.90				
11 AX-PCA25-MW02-12070	WV6563-7	251866	15.91				
12 AX-PCA25-MW01-12070	WV6563-8	232981	15.90				
13 AX-PCA25-MW03-12070	WV6563-9	263133	15.91				
14 AX-PCA25-MW04-12070	WV6563-10	261467	15.91				
15 AX-PCA25-MW12-12060	WV6563-4	268861	15.91				
16							
17							
18							
19							
20							

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

Sample Data Section

FLORIDA DATA QUALIFIERS

I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
*	Compound recovery outside of quality control limits.
L	Off-scale high. Actual value is known to be greater than value given. To be used when the concentration of the analyte is above the acceptable level for quantitation (exceeds the linear range of highest calibration standard) and the calibration curve is known to exhibit a negative deflection.
J	Estimated value. A justification will be included in the narrative for any result that has been flagged with a "J".
V	Indicates the analyte was detected in the sample and the associated method blank.
N	Presumptive evidence of a compound based on a mass spectral library search.
Q	Sample held beyond the accepted holding time. This code shall be used if the value is derived from a sample that was prepared or analyzed after the approved holding time restrictions for sample preparation or analysis
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/06/05
Received Date: 12/08/05
Extraction Date:
Analysis Date: 15-DEC-2005 16:20
Report Date: 12/16/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-1
Client ID: AX-PCA25-MW05-12060
SDG: WV6563
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23919
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		111%				
17060-07-0	1,2-Dichloroethane-D4		J120%				
2037-26-5	Toluene-D8		102%				
460-00-4	P-Bromofluorobenzene		109%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/06/05
Received Date: 12/08/05
Extraction Date:
Analysis Date: 15-DEC-2005 16:54
Report Date: 12/16/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-2
Client ID: AX-PCA25-MW07-12060
SDG: WV6563
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23919
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		114%				
17060-07-0	1,2-Dichloroethane-D4		118%				
2037-26-5	Toluene-D8		104%				
460-00-4	P-Bromofluorobenzene		108%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/06/05
Received Date: 12/08/05
Extraction Date:
Analysis Date: 15-DEC-2005 17:28
Report Date: 12/16/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-3
Client ID: AX-PCA25-MW11-12060
SDG: WV6563
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23919
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		103%				
17060-07-0	1,2-Dichloroethane-D4		112%				
2037-26-5	Toluene-D8		94%				
460-00-4	P-Bromofluorobenzene		99%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/06/05
Received Date: 12/08/05
Extraction Date:
Analysis Date: 15-DEC-2005 21:24
Report Date: 12/16/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-4
Client ID: AX-PCA25-MW12-12060
SDG: WV6563
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23919
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		96%				
17060-07-0	1,2-Dichloroethane-D4		95%				
2037-26-5	Toluene-D8		95%				
460-00-4	P-Bromofluorobenzene		94%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/06/05
Received Date: 12/08/05
Extraction Date:
Analysis Date: 15-DEC-2005 18:02
Report Date: 12/16/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-5
Client ID: AX-PCA25-MW13-12060
SDG: WV6563
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23919
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		103%				
17060-07-0	1,2-Dichloroethane-D4		106%				
2037-26-5	Toluene-D8		97%				
460-00-4	P-Bromofluorobenzene		100%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/07/05
Received Date: 12/08/05
Extraction Date:
Analysis Date: 15-DEC-2005 18:35
Report Date: 12/16/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-6
Client ID: AX-PCA25-MW09-12070
SDG: WV6563
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23919
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	I	0.7	1.0	1	1	0.3
100-41-4	Ethylbenzene	I	0.8	1.0	1	1	0.2
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		105%				
17060-07-0	1,2-Dichloroethane-D4		116%				
2037-26-5	Toluene-D8		98%				
460-00-4	P-Bromofluorobenzene		104%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/07/05
Received Date: 12/08/05
Extraction Date:
Analysis Date: 15-DEC-2005 19:09
Report Date: 12/16/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-7
Client ID: AX-PCA25-MW02-12070
SDG: WV6563
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23919
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		104%				
17060-07-0	1,2-Dichloroethane-D4		112%				
2037-26-5	Toluene-D8		97%				
460-00-4	P-Bromofluorobenzene		105%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/07/05
Received Date: 12/08/05
Extraction Date:
Analysis Date: 15-DEC-2005 19:43
Report Date: 12/16/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-8
Client ID: AX-PCA25-MW01-12070
SDG: WV6563
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23919
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		102%				
17060-07-0	1,2-Dichloroethane-D4		113%				
2037-26-5	Toluene-D8		96%				
460-00-4	P-Bromofluorobenzene		102%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/07/05
Received Date: 12/08/05
Extraction Date:
Analysis Date: 15-DEC-2005 20:17
Report Date: 12/16/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-9
Client ID: AX-PCA25-MW03-12070
SDG: WV6563
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23919
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
100-41-4	Ethylbenzene		4	1.0	1	1	0.2
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		100%				
17060-07-0	1,2-Dichloroethane-D4		107%				
2037-26-5	Toluene-D8		100%				
460-00-4	P-Bromofluorobenzene		101%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/07/05
Received Date: 12/08/05
Extraction Date:
Analysis Date: 15-DEC-2005 20:51
Report Date: 12/16/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-10
Client ID: AX-PCA25-MW04-12070
SDG: WV6563
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23919
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
100-41-4	Ethylbenzene		1	1.0	1	1	0.2
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		94%				
17060-07-0	1,2-Dichloroethane-D4		100%				
2037-26-5	Toluene-D8		94%				
460-00-4	P-Bromofluorobenzene		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/07/05
Received Date: 12/08/05
Extraction Date:
Analysis Date: 15-DEC-2005 14:39
Report Date: 12/16/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-11
Client ID: AX-PCA25-FB01-12070
SDG: WV6563
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23919
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		107%				
17060-07-0	1,2-Dichloroethane-D4		112%				
2037-26-5	Toluene-D8		97%				
460-00-4	P-Bromofluorobenzene		100%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/07/05
Received Date: 12/08/05
Extraction Date:
Analysis Date: 15-DEC-2005 14:05
Report Date: 12/16/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-12
Client ID: AX-PCA25-EB01-12070
SDG: WV6563
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23919
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		118%				
17060-07-0	1,2-Dichloroethane-D4		J128%				
2037-26-5	Toluene-D8		110%				
460-00-4	P-Bromofluorobenzene		118%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/07/05
Received Date: 12/08/05
Extraction Date:
Analysis Date: 15-DEC-2005 13:32
Report Date: 12/16/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-13
Client ID: AX-PCA25-TB01-04050
SDG: WV6563
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23919
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
1634-04-4	Methyl tert-butyl ether	U	0.8	1.0	2	2	0.8
1868-53-7	Dibromofluoromethane		113%				
17060-07-0	1,2-Dichloroethane-D4		J122%				
2037-26-5	Toluene-D8		104%				
460-00-4	P-Bromofluorobenzene		109%				

Standards Data Section

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Instrument ID: GCMS-F Calibration Date(s): 12/12/05 12/12/05

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1117 1811

LAB FILE ID: RF1: F9891 RF5: F9881 RF20: F9880
RF50: F9879 RF100: F9886 RF200: F9885

COMPOUND	RF1	RF5	RF20	RF50	RF100	RF200	CURVE	COEFF. A1	%RSD OR R^2	MAX %RSD OR R^2
Toluene	0.824	0.906	0.911	0.874	0.844	0.877	AVRG	0.87261035	3.878	15.000
Benzene	1.295	1.367	1.358	1.295	1.293	1.359	AVRG	1.32792135	2.785	15.000
Ethylbenzene	1.850	2.068	2.134	2.052	1.945	2.022	AVRG	2.01173072	4.983	15.000
m+p-Xylenes	0.556	0.637	0.672	0.662	0.644	0.674	AVRG	0.64078956	6.913	15.000
o-Xylene	0.526	0.608	0.615	0.632	0.611	0.641	AVRG	0.60553993	6.735	15.000
Xylenes (total)	0.328						AVRG	0.32752712	0.000	15.000
Methyl tert-butyl ether	1.309	1.478	1.495	1.515	1.561	1.667	AVRG	1.50410472	7.781	15.000
Dibromofluoromethane	0.512	0.562	0.725	0.616	0.614	0.639	AVRG	0.61140897	11.766	15.000
1,2-Dichloroethane-D4	0.883	0.860	1.084	0.919	0.878	0.922	AVRG	0.92427467	8.849	15.000
Toluene-D8	1.104	1.199	1.492	1.235	1.202	1.225	AVRG	1.24313058	10.503	15.000
P-Bromofluorobenzene	0.486	0.505	0.614	0.550	0.520	0.532	AVRG	0.53459118	8.350	15.000

Average %RSD test result.

Calculate Average %RSD: 13.13904572
Maximum Average %RSD: 15.00000000

Note: Passes Average %RSD Test.

FORM VI VOA

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Instrument ID: GCMS-F Calibration Date: 12/15/05 Time: 1044

Lab File ID: F9936 Init. Calib. Date(s): 12/12/05 12/12/05

Init. Calib. Times: 1117 1811

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF OR AMOUNT	RRF50.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
Toluene	0.8730000	0.9493800	0.01	8.75	20.00	AVRG
Benzene	1.3280000	1.3663000	0.01	2.88		AVRG
Ethylbenzene	2.0120000	2.2108000	0.01	9.88	20.00	AVRG
m+p-Xylenes	0.6410000	0.7068400	0.01	10.27		AVRG
o-Xylene	0.6060000	0.6808400	0.01	12.35		AVRG
Xylenes (total)	0.3280000	0.6981800	0.01	112.86		AVRG
Methyl tert-butyl ether	1.5040000	1.7129000	0.01	13.89		AVRG
Dibromofluoromethane	0.6110000	0.6235400	0.01	2.05		AVRG
1,2-Dichloroethane-D4	0.9240000	1.0093000	0.01	9.23		AVRG
Toluene-D8	1.2430000	1.2055000	0.01	-3.02		AVRG
P-Bromofluorobenzene	0.5340000	0.5821900	0.01	9.02		AVRG

FORM VII PEST

Logbooks and Supporting Documents

KATAHDIN ANALYTICAL SERVICES
GCMS-F INSTRUMENT RUNLOG

DATE/TIME OF BFB INJECTION: 121205
Reviewed by/Date:

SAMPLE NAME	DATAFILE	DF	ALS #	METHOD	Y/N	MS/MSD	PH	ANALYST	COMMENTS
50ng BFB	FB290	—	—	BFB288AQ	Y	—	—	ALH	
V5TD050F12A *	F9879	1	10	F826A49	Y	—	—		
V5TD020F12A *	F9880	1	11		Y	—	—		
V5TD005F12A *	F9881	1	12		Y	—	—		
V5TD001F12A	F9882	1	13		N	—	—		Curve
V5TD200F12A	F9883	1	14		N	—	—		
V5TD100F12A	F9884	1	15		N	—	—		
V5TD200F12B *	F9885	1	16		Y	—	—		good.
V5TD100F12B *	F9886	1	17		Y	—	—		
V5TD050F12B	F9887	1	18		N	—	—		
V5TD020F12B	F9888	1	19		N	—	—		
V5TD005F12B	F9889	1	20		N	—	—		
V5TD001F12B	F9890	1	21		N	—	—		
V5TD001F12C *	F9891	1	22		Y	—	—		
V5TD001F12D	F9892	1	23		N	—	—		
									121305 ALH

STANDARD	CODE
BFB	V0419
CAL. STD.	V0426
LCS/MS MIX	V0420
EXTRAS MIX	V0408

STANDARD	CODE
IS MIX	V0423
SS MIX	V0424

Circle Methods:

SW846 8260	OLM 04.2
EPA 624	OLM 03.1
EPA 524	OLC 02.1
SIM	OLC 03.2

KATAHDIN ANALYTICAL SERVICES
GCMS-F INSTRUMENT RUNLOG

DATE/TIME OF BFB INJECTION: 121505
Reviewed by/Date:

SAMPLE NAME	DATAFILE	DF	ALS #	METHOD	Y/N	MS/MSD	PH	ANALYST	COMMENTS
50ng BFB	FB293	—	—	BFB288AQ	Y	—	—	ACH	
VSTD050F15A	F9935	1	10	F826A49	Y	—	—		
LCSA WG23919-1	F9937	1	11		Y	—	—		
BLKA	F9938	1	12		N	—	—		
BLKB WG23919-2	F9939	1	13		Y	—	—		
WV6563-13	F9940	1	14		Y	52	<2		MSS
-12	F9941	1	15		Y	53			MSS
-11	F9942	1	16		Y	54			
WV6630-10RA	F9943	1	17		Y	55			
-9DL	F9944	5	18		Y	56			
WV6563-1	F9945	1	19		Y	57			MSS
-2	F9946	1	20		Y	58			
-3	F9947	1	21		Y	59			
-5	F9948	1	22		Y	60			
-6	F9949	1	23		Y	61			
-7	F9950	1	24		Y	62			
-8	F9951	1	25		Y	63			
-9	F9952	1	26		Y	64			
-10	F9953	1	27		Y	65			RT:5 JCP 121605
-4	F9954	1	28		Y	66			
Rinse BLK	F9955	1	29		—	—	—		
Rinse BLK	F9956	1	30		—	—	—		
Test Water	F9957	1	31		—	—	—		
									121605 JCP

STANDARD	CODE
BFB	V0419
CAL. STD.	V0426
LCS/MS MIX	V0435
EXTRAS MIX	V0408

STANDARD	CODE
IS MIX	V0423
SS MIX	V0424

Circle Methods:

SW846 8260	OLM 04.2
EPA 624	OLM 03.1
EPA 524	OLC 02.1
SIM	OLC 03.2

QAMS304 Katahdin Analytical Services 10000392

SEMIVOLATILES DATA

QC Summary Section

FORM 2
WATER SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	WG23814-BLANK	WG23814-1	47	87	32						0
02	WG23814-LCS	WG23814-2	46	88	29J						1
03	WG23814-LCSD	WG23814-3	44	94	32						0
04	AX-PCA25-MW11-12060	WV6563-3	38	84	30						0
05	AX-PCA25-MW12-12060	WV6563-4	46	80	32						0
06	AX-PCA25-MW09-12070	WV6563-6	58	91	34						0
07	AX-PCA25-MW01-12070	WV6563-8	48	93	36						0
08	AX-PCA25-MW03-12070	WV6563-9	55	99	33						0
09	AX-PCA25-FB01-12070	WV6563-11	48	91	36						0
10	AX-PCA25-EB01-12070	WV6563-12	54	101	41						0
11	AX-PCA25-MW09-12070	WV6563-6DL	D	D	D						0
12	AX-PCA25-MW05-12060	WV6563-1	36	59	32						0
13	AX-PCA25-MW13-12060	WV6563-5	35	78	40						0
14	AX-PCA25-MW02-12070	WV6563-7	50	100	48						0
15	AX-PCA25-MW04-12070	WV6563-10	52	91	46						0
16	AX-PCA25-MW07-12060	WV6563-2	33	60	31						0
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											

		QC LIMITS
S1	= 2-Methylnaphthalene-d1	(30-150)
S2	= Fluorene-d10	(30-150)
S3	= Pyrene-d10	(30-150)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

FORM 2
WATER SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	AX-PCA25-MW05-12060	WV6563-1RE	74	76	76						0
02	AX-PCA25-MW07-12060	WV6563-2RE	67	80	64						0
03	AX-PCA25-MW13-12060	WV6563-5RE	65	80	72						0
04	AX-PCA25-MW09-12070	WV6563-6RE	70	98	81						0
05	AX-PCA25-MW03-12070	WV6563-9RE	87	98	93						0
06	AX-PCA25-MW09-12070	WV6563-6REDL	D	D	D						0
07	WG24247-BLANK	WG24247-1	83	102	120						0
08	WG24247-LCS	WG24247-2	78	98	91						0
09	WG24247-LCSD	WG24247-3	83	107	97						0
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											

		QC LIMITS
S1	= 2-Methylnaphthalene-d1	(30-150)
S2	= Fluorene-d10	(30-150)
S3	= Pyrene-d10	(30-150)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date: 12/13/05
Analysis Date: 17-DEC-2005 13:58
Report Date: 12/20/2005
Matrix: WATER
% Solids: NA

Lab ID: WG23814-1
Client ID: WG23814-Blank
SDG: WV6563
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23814
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene		0.4	1.0	0.2	0.2	0.08
120-12-7	Anthracene	I	0.2	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene		0.5	1.0	0.2	0.2	0.07
129-00-0	Pyrene	I	0.2	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene		0.4	1.0	0.2	0.2	0.08
218-01-9	Chrysene	I	0.1	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene		0.3	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.1	1.0	0.2	0.2	0.1
50-32-8	Benzo(a)pyrene	I	0.1	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.2	1.0	0.2	0.2	0.2
90-12-0	1-Methylnaphthalene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		47%				
81103-79-9	Fluorene-d10		87%				
1718-52-1	Pyrene-d10		32%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date: 12/28/05
Analysis Date: 29-DEC-2005 20:48
Report Date: 12/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WG24247-1
Client ID: WG24247-Blank
SDG: WV6563
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24247
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.1	1.0	0.2	0.2	0.1
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.2	1.0	0.2	0.2	0.2
90-12-0	1-Methylnaphthalene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		83%				
81103-79-9	Fluorene-d10		102%				
1718-52-1	Pyrene-d10		120%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date: 12/13/05
Analysis Date: 12/17/05
Report Date: 12/20/2005
Matrix: WATER

Lab ID: WG23814-2 & WG23814-3
Client ID: WG23814-LCS & WG23814-LCSD
SDG: WV6563
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23814
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Naphthalene	2.0	2.0	NA	1.5	1.3	75	65	14	30	30-150
2-Methylnaphthalene	2.0	2.0	NA	1.6	1.5	78	74	5	30	30-150
Acenaphthylene	2.0	2.0	NA	1.6	1.6	81	78	3	30	30-150
Acenaphthene	2.0	2.0	NA	1.4	1.3	68	65	4	30	30-150
Fluorene	2.0	2.0	NA	1.7	1.6	84	80	4	30	30-150
Phenanthrene	2.0	2.0	NA	1.7	1.7	85	86	1	30	30-150
Anthracene	2.0	2.0	NA	1.7	1.8	85	88	3	30	30-150
Fluoranthene	2.0	2.0	NA	2.1	2.1	104	105	1.0	30	30-150
Pyrene	2.0	2.0	NA	0.99	1.1	49	55	11	30	30-150
Benzo(a)anthracene	2.0	2.0	NA	2.1	2.1	104	106	2	30	30-150
Chrysene	2.0	2.0	NA	1.1	1.3	57	63	10	30	30-150
Benzo(b)fluoranthene	2.0	2.0	NA	2.0	2.2	102	108	5	30	30-150
Benzo(k)fluoranthene	2.0	2.0	NA	1.1	1.2	53	60	12	30	30-150
Benzo(a)pyrene	2.0	2.0	NA	1.4	1.5	68	74	8	30	30-150
Indeno(1,2,3-cd)pyrene	2.0	2.0	NA	1.8	2.2	90	111	20	30	30-150
Dibenzo(a,h)anthracene	2.0	2.0	NA	1.6	2.0	79	100	24	30	30-150
Benzo(g,h,i)perylene	2.0	2.0	NA	1.0	1.3	52	64	21	30	30-150

FORM III SV-1

U3070.D & U3071.D

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date: 12/28/05
Analysis Date: 12/29/05
Report Date: 12/30/2005
Matrix: WATER

Lab ID: WG24247-2 & WG24247-3
Client ID: WG24247-LCS & WG24247-LCSD
SDG: WV6563
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24247
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Naphthalene	2.0	2.0	NA	1.4	1.6	69	78	12	30	30-150
2-Methylnaphthalene	2.0	2.0	NA	2.2	2.4	111	118	6	30	30-150
Acenaphthylene	2.0	2.0	NA	1.6	1.8	81	91	12	30	30-150
Acenaphthene	2.0	2.0	NA	1.6	1.8	80	89	11	30	30-150
Fluorene	2.0	2.0	NA	1.7	2.0	86	98	12	30	30-150
Phenanthrene	2.0	2.0	NA	1.8	2.0	89	98	10	30	30-150
Anthracene	2.0	2.0	NA	1.7	1.8	84	92	9	30	30-150
Fluoranthene	2.0	2.0	NA	1.7	1.9	86	94	10	30	30-150
Pyrene	2.0	2.0	NA	1.6	1.8	82	90	9	30	30-150
Benzo(a)anthracene	2.0	2.0	NA	1.5	1.7	76	84	10	30	30-150
Chrysene	2.0	2.0	NA	1.8	1.9	88	95	8	30	30-150
Benzo(b)fluoranthene	2.0	2.0	NA	1.5	1.5	76	76	0.0	30	30-150
Benzo(k)fluoranthene	2.0	2.0	NA	1.7	2.0	84	100	17	30	30-150
Benzo(a)pyrene	2.0	2.0	NA	1.7	1.9	86	97	12	30	30-150
Indeno(1,2,3-cd)pyrene	2.0	2.0	NA	1.5	1.7	74	85	13	30	30-150
Benzo(g,h,i)perylene	2.0	2.0	NA	1.6	1.8	80	90	12	30	30-150
Dibenzo(a,h)anthracene	2.0	2.0	NA	1.4	1.6	68	80	16	30	30-150

FORM III SV-1

U3239.D & U3240.D

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG23814-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Lab File ID: U3069 Lab Sample ID: WG23814-1

Instrument ID: GCMS-U Date Extracted: 12/13/05

Matrix: (soil/water) WATER Date Analyzed: 12/17/05

Level:(low/med) LOW Time Analyzed: 1358

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG23814-LCS	WG23814-2	U3070	12/17/05	1442
02	WG23814-LCSD	WG23814-3	U3071	12/17/05	1526
03	AX-PCA25-MW11-12060	WV6563-3	U3074	12/17/05	1740
04	AX-PCA25-MW12-12060	WV6563-4	U3075	12/17/05	1825
05	AX-PCA25-MW09-12070	WV6563-6	U3077	12/17/05	1956
06	AX-PCA25-MW01-12070	WV6563-8	U3079	12/17/05	2126
07	AX-PCA25-MW03-12070	WV6563-9	U3080	12/17/05	2211
08	AX-PCA25-FB01-12070	WV6563-11	U3082	12/17/05	2341
09	AX-PCA25-EB01-12070	WV6563-12	U3083	12/18/05	0024
10	AX-PCA25-MW09-12070	WV6563-6DL	U3088	12/18/05	1530
11	AX-PCA25-MW05-12060	WV6563-1	U3107	12/19/05	1603
12	AX-PCA25-MW13-12060	WV6563-5	U3109	12/19/05	1735
13	AX-PCA25-MW02-12070	WV6563-7	U3110	12/19/05	1820
14	AX-PCA25-MW04-12070	WV6563-10	U3111	12/19/05	1904
15	AX-PCA25-MW07-12060	WV6563-2	U3123	12/20/05	1003
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV SV

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG24247-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Lab File ID: U3238 Lab Sample ID: WG24247-1

Instrument ID: GCMS-U Date Extracted: 12/28/05

Matrix: (soil/water) WATER Date Analyzed: 12/29/05

Level:(low/med) LOW Time Analyzed: 2048

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	AX-PCA25-MW05-12060	WV6563-1RE	U3232	12/29/05	1617
02	AX-PCA25-MW07-12060	WV6563-2RE	U3233	12/29/05	1701
03	AX-PCA25-MW13-12060	WV6563-5RE	U3234	12/29/05	1747
04	AX-PCA25-MW09-12070	WV6563-6RE	U3235	12/29/05	1832
05	AX-PCA25-MW03-12070	WV6563-9RE	U3236	12/29/05	1917
06	AX-PCA25-MW09-12070	WV6563-6REDL	U3237	12/29/05	2002
07	WG24247-LCS	WG24247-2	U3239	12/29/05	2133
08	WG24247-LCSD	WG24247-3	U3240	12/29/05	2218
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Lab File ID: UD128 DFTPP Injection Date: 11/28/05

Instrument ID: GCMS-U DFTPP Injection Time: 1052

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	37.9
68	Less than 2.0% of mass 69	0.5 (1.2)1
69	Less than 100.0% of mass 198	39.4
70	Less than 2.0% of mass 69	0.3 (0.6)1
127	40.0 - 60.0% of mass 198	51.2
197	Less than 1.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	21.5
365	1.0 - 100.0% of mass 198	2.8
441	0.0 - 100.0% of mass 443	12.7 (81.4)2
442	40.0 - 100.0% of mass 198	82.4
443	17.0 - 23.0% of mass 442	15.6 (19.0)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U1128	U2807	11/28/05	1114
02		SSTD5.00U1128	U2808	11/28/05	1159
03		SSTD3.00U1128	U2809	11/28/05	1244
04		SSTD2.00U1128	U2810	11/28/05	1328
05		SSTD0.50U1128	U2811	11/28/05	1413
06		SSTD0.20U1128	U2812	11/28/05	1458
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Lab File ID: UD148 DFTPP Injection Date: 12/17/05

Instrument ID: GCMS-U DFTPP Injection Time: 1251

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	43.2
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	44.1
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	54.5
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	19.9
365	1.0 - 100.0% of mass 198	2.2
441	0.0 - 100.0% of mass 443	9.4 (77.2)2
442	40.0 - 100.0% of mass 198	61.4
443	17.0 - 23.0% of mass 442	12.1 (19.8)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U1217	U3068	12/17/05	1312
02	WG23814-BLANK	WG23814-1	U3069	12/17/05	1358
03	WG23814-LCS	WG23814-2	U3070	12/17/05	1442
04	WG23814-LCSD	WG23814-3	U3071	12/17/05	1526
05	AX-PCA25-MW11-12060	WV6563-3	U3074	12/17/05	1740
06	AX-PCA25-MW12-12060	WV6563-4	U3075	12/17/05	1825
07	AX-PCA25-MW09-12070	WV6563-6	U3077	12/17/05	1956
08	AX-PCA25-MW01-12070	WV6563-8	U3079	12/17/05	2126
09	AX-PCA25-MW03-12070	WV6563-9	U3080	12/17/05	2211
10	AX-PCA25-FB01-12070	WV6563-11	U3082	12/17/05	2341
11	AX-PCA25-EB01-12070	WV6563-12	U3083	12/18/05	0024
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Lab File ID: UD149 DFTPP Injection Date: 12/18/05

Instrument ID: GCMS-U DFTPP Injection Time: 1208

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	38.7
68	Less than 2.0% of mass 69	0.6 (1.6)1
69	Less than 100.0% of mass 198	40.9
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	51.9
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	21.8
365	1.0 - 100.0% of mass 198	2.5
441	0.0 - 100.0% of mass 443	11.9 (79.5)2
442	40.0 - 100.0% of mass 198	77.7
443	17.0 - 23.0% of mass 442	15.0 (19.3)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U1218	U3084	12/18/05	1228
02	AX-PCA25-MW09-12070	WV6563-6DL	U3088	12/18/05	1530
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Lab File ID: UD150 DFTPP Injection Date: 12/19/05

Instrument ID: GCMS-U DFTPP Injection Time: 0924

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	40.1
68	Less than 2.0% of mass 69	0.7 (1.6)1
69	Less than 100.0% of mass 198	41.9
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	53.7
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.0
275	10.0 - 30.0% of mass 198	21.1
365	1.0 - 100.0% of mass 198	2.5
441	0.0 - 100.0% of mass 443	11.2 (79.1)2
442	40.0 - 100.0% of mass 198	75.2
443	17.0 - 23.0% of mass 442	14.2 (18.9)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U1219	U3099	12/19/05	0945
02		SSTD5.00U1219	U3100	12/19/05	1031
03		SSTD3.00U1219	U3101	12/19/05	1117
04		SSTD2.00U1219	U3102	12/19/05	1201
05		SSTD0.50U1219	U3103	12/19/05	1245
06		SSTD0.20U1219	U3104	12/19/05	1329
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Lab File ID: UD151 DFTPP Injection Date: 12/19/05

Instrument ID: GCMS-U DFTPP Injection Time: 1412

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	39.1
68	Less than 2.0% of mass 69	0.5 (1.2)1
69	Less than 100.0% of mass 198	41.5
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	52.7
197	Less than 1.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	21.0
365	1.0 - 100.0% of mass 198	2.3
441	0.0 - 100.0% of mass 443	11.3 (79.4)2
442	40.0 - 100.0% of mass 198	74.4
443	17.0 - 23.0% of mass 442	14.3 (19.2)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U1219	U3105	12/19/05	1434
02	AX-PCA25-MW05-12060	WV6563-1	U3107	12/19/05	1603
03	AX-PCA25-MW13-12060	WV6563-5	U3109	12/19/05	1735
04	AX-PCA25-MW02-12070	WV6563-7	U3110	12/19/05	1820
05	AX-PCA25-MW04-12070	WV6563-10	U3111	12/19/05	1904
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Lab File ID: UD152 DFTPP Injection Date: 12/20/05

Instrument ID: GCMS-U DFTPP Injection Time: 0857

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	41.2
68	Less than 2.0% of mass 69	0.8 (1.8)1
69	Less than 100.0% of mass 198	44.3
70	Less than 2.0% of mass 69	0.2 (0.4)1
127	40.0 - 60.0% of mass 198	54.4
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 30.0% of mass 198	19.6
365	1.0 - 100.0% of mass 198	2.0
441	0.0 - 100.0% of mass 443	10.1 (80.5)2
442	40.0 - 100.0% of mass 198	65.2
443	17.0 - 23.0% of mass 442	12.6 (19.3)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U1220	U3122	12/20/05	0917
02	AX-PCA25-MW07-12060	WV6563-2	U3123	12/20/05	1003
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Lab File ID: UD158 DFTPP Injection Date: 12/29/05

Instrument ID: GCMS-U DFTPP Injection Time: 1023

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	41.2
68	Less than 2.0% of mass 69	0.3 (0.7)1
69	Less than 100.0% of mass 198	43.3
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	53.9
197	Less than 1.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.3
275	10.0 - 30.0% of mass 198	20.8
365	1.0 - 100.0% of mass 198	2.1
441	0.0 - 100.0% of mass 443	10.9 (80.3)2
442	40.0 - 100.0% of mass 198	71.6
443	17.0 - 23.0% of mass 442	13.5 (18.9)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U1229	U3226	12/29/05	1132
02		SSTD5.00U1229	U3227	12/29/05	1232
03		SSTD3.00U1229	U3228	12/29/05	1317
04		SSTD2.00U1229	U3229	12/29/05	1402
05		SSTD0.50U1229	U3230	12/29/05	1448
06		SSTD0.20U1229	U3231	12/29/05	1533
07	AX-PCA25-MW05-12060	WV6563-1RE	U3232	12/29/05	1617
08	AX-PCA25-MW07-12060	WV6563-2RE	U3233	12/29/05	1701
09	AX-PCA25-MW13-12060	WV6563-5RE	U3234	12/29/05	1747
10	AX-PCA25-MW09-12070	WV6563-6RE	U3235	12/29/05	1832
11	AX-PCA25-MW03-12070	WV6563-9RE	U3236	12/29/05	1917
12	AX-PCA25-MW09-12070	WV6563-6REDL	U3237	12/29/05	2002
13	WG24247-BLANK	WG24247-1	U3238	12/29/05	2048
14	WG24247-LCS	WG24247-2	U3239	12/29/05	2133
15	WG24247-LCSD	WG24247-3	U3240	12/29/05	2218
16					
17					
18					
19					
20					

FORM V SV

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Lab File ID (Standard): U3068 Date Analyzed: 12/17/05

Instrument ID: GCMS-U Time Analyzed: 1312

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	7445	9.22	38424	12.06	16525	16.22
UPPER LIMIT	14890	9.72	76848	12.56	33050	16.72
LOWER LIMIT	3723	8.72	19212	11.56	8263	15.72

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG23814-BLANK	WG23814-1	7068	9.22	31819	12.09	15503	16.24
02	WG23814-LCS	WG23814-2	9609	9.19	41302	12.05	19549	16.21
03	WG23814-LCSD	WG23814-3	9006	9.19	37793	12.05	18099	16.21
04	AX-PCA25-MW11-12060	WV6563-3	9283	9.22	40528	12.08	19401	16.22
05	AX-PCA25-MW12-12060	WV6563-4	7560	9.22	32884	12.09	16493	16.24
06	AX-PCA25-MW09-12070	WV6563-6	8751	9.20	37895	12.04	19459	16.19
07	AX-PCA25-MW01-12070	WV6563-8	7886	9.22	34770	12.08	16229	16.22
08	AX-PCA25-MW03-12070	WV6563-9	9848	9.19	40053	12.04	19902	16.21
09	AX-PCA25-FB01-12070	WV6563-11	10706	9.21	46079	12.06	20876	16.22
10	AX-PCA25-EB01-12070	WV6563-12	9503	9.20	42377	12.07	18743	16.22
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Lab File ID (Standard): U3068 Date Analyzed: 12/17/05

Instrument ID: GCMS-U Time Analyzed: 1312

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	24459	19.79	14540	26.12	9722	29.31
UPPER LIMIT	48918	20.29	29080	26.62	19444	29.81
LOWER LIMIT	12230	19.29	7270	25.62	4861	28.81

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG23814-BLANK	WG23814-1	21359	19.82	11826	26.13	8300	29.32
02	WG23814-LCS	WG23814-2	28713	19.79	17727	26.12	11590	29.31
03	WG23814-LCSD	WG23814-3	25059	19.79	14087	26.12	8901	29.31
04	AX-PCA25-MW11-12060	WV6563-3	28993	19.79	15447	26.14	10042	29.33
05	AX-PCA25-MW12-12060	WV6563-4	22980	19.82	11849	26.14	7196	29.33
06	AX-PCA25-MW09-12070	WV6563-6	26817	19.76	13825	26.14	8690	29.32
07	AX-PCA25-MW01-12070	WV6563-8	23008	19.82	11162	26.15	6838	29.33
08	AX-PCA25-MW03-12070	WV6563-9	28307	19.79	16330	26.14	9769	29.33
09	AX-PCA25-FB01-12070	WV6563-11	28998	19.82	15167	26.15	9493	29.33
10	AX-PCA25-EB01-12070	WV6563-12	25789	19.82	13063	26.17	7502	29.34
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Lab File ID (Standard): U3084 Date Analyzed: 12/18/05

Instrument ID: GCMS-U Time Analyzed: 1228

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD		8292	9.24	40260	12.09	16431	16.24
UPPER LIMIT		16584	9.74	80520	12.59	32862	16.74
LOWER LIMIT		4146	8.74	20130	11.59	8216	15.74
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	AX-PCA25-MW09-12070	WV6563-6DL	7969	9.23	38251	12.08	15536	16.24
02								
03								
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Lab File ID (Standard): U3084 Date Analyzed: 12/18/05

Instrument ID: GCMS-U Time Analyzed: 1228

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	24181	19.82	14000	26.14	8568	29.33
UPPER LIMIT	48362	20.32	28000	26.64	17136	29.83
LOWER LIMIT	12091	19.32	7000	25.64	4284	28.83

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	AX-PCA25-MW09-12070	WV6563-6DL	20190	19.84	9511	26.18	5549	29.35
02								
03								
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Lab File ID (Standard): U3105 Date Analyzed: 12/19/05

Instrument ID: GCMS-U Time Analyzed: 1434

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	11122	9.22	49175	12.06	23149	16.21
UPPER LIMIT	22244	9.72	98350	12.56	46298	16.71
LOWER LIMIT	5561	8.72	24588	11.56	11575	15.71

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	AX-PCA25-MW05-12060	WV6563-1	10079	9.21	44231	12.10	21466	16.21
02	AX-PCA25-MW13-12060	WV6563-5	10763	9.20	48155	12.05	23783	16.19
03	AX-PCA25-MW02-12070	WV6563-7	10776	9.20	48456	12.06	22868	16.19
04	AX-PCA25-MW04-12070	WV6563-10	10331	9.19	41357	12.04	21686	16.19
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Lab File ID (Standard): U3105 Date Analyzed: 12/19/05

Instrument ID: GCMS-U Time Analyzed: 1434

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	29143	19.79	16050	26.12	10797	29.31
UPPER LIMIT	58286	20.29	32100	26.62	21594	29.81
LOWER LIMIT	14572	19.29	8025	25.62	5399	28.81

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	AX-PCA25-MW05-12060	WV6563-1	26908	19.82	13967	26.14	8649	29.32
02	AX-PCA25-MW13-12060	WV6563-5	32858	19.76	16945	26.13	11012	29.32
03	AX-PCA25-MW02-12070	WV6563-7	30572	19.76	16059	26.13	10935	29.32
04	AX-PCA25-MW04-12070	WV6563-10	27876	19.79	13753	26.13	8941	29.32
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Lab File ID (Standard): U3122 Date Analyzed: 12/20/05

Instrument ID: GCMS-U Time Analyzed: 0917

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD		10519	9.20	46219	12.05	20913	16.19
UPPER LIMIT		21038	9.70	92438	12.55	41826	16.69
LOWER LIMIT		5260	8.70	23110	11.55	10457	15.69
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	AX-PCA25-MW07-12060	WV6563-2	10068	9.20	43803	12.08	20468	16.19
02								
03								
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Lab File ID (Standard): U3122 Date Analyzed: 12/20/05

Instrument ID: GCMS-U Time Analyzed: 0917

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD		26342	19.76	12864	26.12	8090	29.32
UPPER LIMIT		52684	20.26	25728	26.62	16180	29.82
LOWER LIMIT		13171	19.26	6432	25.62	4045	28.82
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 AX-PCA25-MW07-12060	WV6563-2	26885	19.79	13960	26.13	8699	29.32
02							
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Lab File ID (Standard): U3226 Date Analyzed: 12/29/05

Instrument ID: GCMS-U Time Analyzed: 1132

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	12986	9.17	56025	12.03	25421	16.16
UPPER LIMIT	25972	9.67	112050	12.53	50842	16.66
LOWER LIMIT	6493	8.67	28013	11.53	12711	15.66

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	AX-PCA25-MW05-12060	WV6563-1RE	12432	9.17	52554	12.07	23333	16.18
02	AX-PCA25-MW07-12060	WV6563-2RE	14017	9.17	64387	12.06	26837	16.16
03	AX-PCA25-MW13-12060	WV6563-5RE	12812	9.16	55737	12.01	25981	16.16
04	AX-PCA25-MW09-12070	WV6563-6RE	12783	9.16	75046	11.99	29817	16.14
05	AX-PCA25-MW03-12070	WV6563-9RE	13124	9.14	56490	11.99	27040	16.14
06	AX-PCA25-MW09-12070	WV6563-6REDL	11116	9.19	52627	12.03	22041	16.16
07	WG24247-BLANK	WG24247-1	12670	9.17	59367	12.05	24737	16.17
08	WG24247-LCS	WG24247-2	13717	9.14	62622	12.00	26931	16.14
09	WG24247-LCSD	WG24247-3	14020	9.14	62643	12.00	25683	16.15
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Lab File ID (Standard): U3226 Date Analyzed: 12/29/05

Instrument ID: GCMS-U Time Analyzed: 1132

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	33425	19.74	18249	26.10	13278	29.28
UPPER LIMIT	66850	20.24	36498	26.60	26556	29.78
LOWER LIMIT	16713	19.24	9125	25.60	6639	28.78

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	AX-PCA25-MW05-12060	WV6563-1RE	31344	19.77	17210	26.12	11854	29.31
02	AX-PCA25-MW07-12060	WV6563-2RE	36537	19.77	20995	26.11	13391	29.30
03	AX-PCA25-MW13-12060	WV6563-5RE	35642	19.74	19759	26.10	13045	29.29
04	AX-PCA25-MW09-12070	WV6563-6RE	44371	19.72	25107	26.11	13983	29.31
05	AX-PCA25-MW03-12070	WV6563-9RE	36787	19.74	20937	26.10	14188	29.27
06	AX-PCA25-MW09-12070	WV6563-6REDL	28041	19.80	14043	26.14	9509	29.33
07	WG24247-BLANK	WG24247-1	31649	19.80	16428	26.14	11600	29.32
08	WG24247-LCS	WG24247-2	36605	19.74	22186	26.10	14118	29.29
09	WG24247-LCSD	WG24247-3	34839	19.74	21235	26.09	13443	29.30
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

Sample Data Section

FLORIDA DATA QUALIFIERS

I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
*	Compound recovery outside of quality control limits.
L	Off-scale high. Actual value is known to be greater than value given. To be used when the concentration of the analyte is above the acceptable level for quantitation (exceeds the linear range of highest calibration standard) and the calibration curve is known to exhibit a negative deflection.
J	Estimated value. A justification will be included in the narrative for any result that has been flagged with a "J".
V	Indicates the analyte was detected in the sample and the associated method blank.
N	Presumptive evidence of a compound based on a mass spectral library search.
Q	Sample held beyond the accepted holding time. This code shall be used if the value is derived from a sample that was prepared or analyzed after the approved holding time restrictions for sample preparation or analysis
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/06/05
Received Date: 12/08/05
Extraction Date: 12/13/05
Analysis Date: 19-DEC-2005 16:03
Report Date: 12/20/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-1
Client ID: AX-PCA25-MW05-12060
SDG: WV6563
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23814
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene		0.3	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	IV	0.2	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
90-12-0	1-Methylnaphthalene	U	0.10	1.0	0.2	0.2	0.10
7297-45-2	2-Methylnaphthalene-d10		36%				
81103-79-9	Fluorene-d10		59%				
1718-52-1	Pyrene-d10		32%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/06/05
Received Date: 12/08/05
Extraction Date: 12/28/05
Analysis Date: 29-DEC-2005 16:17
Report Date: 12/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-1RE
Client ID: AX-PCA25-MW05-12060
SDG: WV6563
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24247
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene		0.4	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene		0.2	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
90-12-0	1-Methylnaphthalene	U	0.10	1.0	0.2	0.2	0.10
7297-45-2	2-Methylnaphthalene-d10		74%				
81103-79-9	Fluorene-d10		76%				
1718-52-1	Pyrene-d10		76%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/06/05
Received Date: 12/08/05
Extraction Date: 12/13/05
Analysis Date: 20-DEC-2005 10:03
Report Date: 12/20/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-2
Client ID: AX-PCA25-MW07-12060
SDG: WV6563
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23814
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene		1	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	IV	0.10	1.0	0.2	0.2	0.07
129-00-0	Pyrene	V	0.4	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
90-12-0	1-Methylnaphthalene	U	0.10	1.0	0.2	0.2	0.10
7297-45-2	2-Methylnaphthalene-d10		33%				
81103-79-9	Fluorene-d10		60%				
1718-52-1	Pyrene-d10		31%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/06/05
Received Date: 12/08/05
Extraction Date: 12/28/05
Analysis Date: 29-DEC-2005 17:01
Report Date: 12/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-2RE
Client ID: AX-PCA25-MW07-12060
SDG: WV6563
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24247
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene		1	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	I	0.10	1.0	0.2	0.2	0.07
129-00-0	Pyrene		0.5	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
90-12-0	1-Methylnaphthalene	U	0.10	1.0	0.2	0.2	0.10
7297-45-2	2-Methylnaphthalene-d10		67%				
81103-79-9	Fluorene-d10		80%				
1718-52-1	Pyrene-d10		64%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/06/05
Received Date: 12/08/05
Extraction Date: 12/13/05
Analysis Date: 17-DEC-2005 17:40
Report Date: 12/20/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-3
Client ID: AX-PCA25-MW11-12060
SDG: WV6563
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23814
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
90-12-0	1-Methylnaphthalene	U	0.10	1.0	0.2	0.2	0.10
7297-45-2	2-Methylnaphthalene-d10		38%				
81103-79-9	Fluorene-d10		84%				
1718-52-1	Pyrene-d10		30%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/06/05
Received Date: 12/08/05
Extraction Date: 12/13/05
Analysis Date: 17-DEC-2005 18:25
Report Date: 12/20/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-4
Client ID: AX-PCA25-MW12-12060
SDG: WV6563
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23814
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
90-12-0	1-Methylnaphthalene	U	0.10	1.0	0.2	0.2	0.10
7297-45-2	2-Methylnaphthalene-d10		46%				
81103-79-9	Fluorene-d10		80%				
1718-52-1	Pyrene-d10		32%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/06/05
Received Date: 12/08/05
Extraction Date: 12/13/05
Analysis Date: 19-DEC-2005 17:35
Report Date: 12/20/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-5
Client ID: AX-PCA25-MW13-12060
SDG: WV6563
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23814
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene		0.4	1.0	0.2	0.2	0.08
86-73-7	Fluorene	I	0.2	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	IV	0.09	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
90-12-0	1-Methylnaphthalene	I	0.2	1.0	0.2	0.2	0.10
7297-45-2	2-Methylnaphthalene-d10		35%				
81103-79-9	Fluorene-d10		78%				
1718-52-1	Pyrene-d10		40%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/06/05
Received Date: 12/08/05
Extraction Date: 12/28/05
Analysis Date: 29-DEC-2005 17:47
Report Date: 12/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-5RE
Client ID: AX-PCA25-MW13-12060
SDG: WV6563
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24247
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	I	0.2	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene		0.5	1.0	0.2	0.2	0.08
86-73-7	Fluorene		0.2	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	I	0.1	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
90-12-0	1-Methylnaphthalene	I	0.2	1.0	0.2	0.2	0.10
7297-45-2	2-Methylnaphthalene-d10		65%				
81103-79-9	Fluorene-d10		80%				
1718-52-1	Pyrene-d10		72%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/07/05
Received Date: 12/08/05
Extraction Date: 12/13/05
Analysis Date: 17-DEC-2005 19:56
Report Date: 12/20/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-6
Client ID: AX-PCA25-MW09-12070
SDG: WV6563
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23814
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		0.3	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	L	50	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene		1	1.0	0.2	0.2	0.08
86-73-7	Fluorene		1	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	V	1	1.0	0.2	0.2	0.08
120-12-7	Anthracene	V	0.3	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	V	0.7	1.0	0.2	0.2	0.07
129-00-0	Pyrene	V	0.3	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
90-12-0	1-Methylnaphthalene	L	44	1.0	0.2	0.2	0.10
7297-45-2	2-Methylnaphthalene-d10		58%				
81103-79-9	Fluorene-d10		91%				
1718-52-1	Pyrene-d10		34%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/07/05
Received Date: 12/08/05
Extraction Date: 12/28/05
Analysis Date: 29-DEC-2005 18:32
Report Date: 12/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-6RE
Client ID: AX-PCA25-MW09-12070
SDG: WV6563
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24247
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		0.5	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	L	44	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene		2	1.0	0.2	0.2	0.08
86-73-7	Fluorene		1	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene		1	1.0	0.2	0.2	0.08
120-12-7	Anthracene		0.2	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene		0.5	1.0	0.2	0.2	0.07
129-00-0	Pyrene		0.4	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
90-12-0	1-Methylnaphthalene	L	48	1.0	0.2	0.2	0.10
7297-45-2	2-Methylnaphthalene-d10		70%				
81103-79-9	Fluorene-d10		98%				
1718-52-1	Pyrene-d10		81%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/07/05
Received Date: 12/08/05
Extraction Date: 12/13/05
Analysis Date: 18-DEC-2005 15:30
Report Date: 12/20/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-6DL
Client ID: AX-PCA25-MW09-12070
SDG: WV6563
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23814
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	1	25	0.2	5	1
91-57-6	2-Methylnaphthalene		40	25	0.2	5	1
208-96-8	Acenaphthylene	U	1.0	25	0.2	5	1.0
83-32-9	Acenaphthene	U	2	25	0.2	5	2
86-73-7	Fluorene	U	1	25	0.2	5	1
85-01-8	Phenanthrene	U	2	25	0.2	5	2
120-12-7	Anthracene	U	2	25	0.2	5	2
206-44-0	Fluoranthene	U	2	25	0.2	5	2
129-00-0	Pyrene	U	2	25	0.2	5	2
56-55-3	Benzo(a)anthracene	U	2	25	0.2	5	2
218-01-9	Chrysene	U	1	25	0.2	5	1
205-99-2	Benzo(b)fluoranthene	U	2	25	0.2	5	2
207-08-9	Benzo(k)fluoranthene	U	2	25	0.2	5	2
50-32-8	Benzo(a)pyrene	U	2	25	0.2	5	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	25	0.2	5	2
53-70-3	Dibenzo(a,h)anthracene	U	3	25	0.2	5	3
191-24-2	Benzo(g,h,i)perylene	U	4	25	0.2	5	4
90-12-0	1-Methylnaphthalene		63	25	0.2	5	2
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/07/05
Received Date: 12/08/05
Extraction Date: 12/28/05
Analysis Date: 29-DEC-2005 20:02
Report Date: 12/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-6REDL
Client ID: AX-PCA25-MW09-12070
SDG: WV6563
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24247
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	1	25	0.2	5	1
91-57-6	2-Methylnaphthalene		48	25	0.2	5	1
208-96-8	Acenaphthylene	U	1.0	25	0.2	5	1.0
83-32-9	Acenaphthene	U	2	25	0.2	5	2
86-73-7	Fluorene	U	1	25	0.2	5	1
85-01-8	Phenanthrene	U	2	25	0.2	5	2
120-12-7	Anthracene	U	2	25	0.2	5	2
206-44-0	Fluoranthene	U	2	25	0.2	5	2
129-00-0	Pyrene	U	2	25	0.2	5	2
56-55-3	Benzo(a)anthracene	U	2	25	0.2	5	2
218-01-9	Chrysene	U	1	25	0.2	5	1
205-99-2	Benzo(b)fluoranthene	U	2	25	0.2	5	2
207-08-9	Benzo(k)fluoranthene	U	2	25	0.2	5	2
50-32-8	Benzo(a)pyrene	U	2	25	0.2	5	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	25	0.2	5	2
53-70-3	Dibenzo(a,h)anthracene	U	3	25	0.2	5	3
191-24-2	Benzo(g,h,i)perylene	U	4	25	0.2	5	4
90-12-0	1-Methylnaphthalene		69	25	0.2	5	2
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/07/05
Received Date: 12/08/05
Extraction Date: 12/13/05
Analysis Date: 19-DEC-2005 18:20
Report Date: 12/20/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-7
Client ID: AX-PCA25-MW02-12070
SDG: WV6563
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23814
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene		0.8	1.0	0.2	0.2	0.08
86-73-7	Fluorene	I	0.08	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
90-12-0	1-Methylnaphthalene	U	0.10	1.0	0.2	0.2	0.10
7297-45-2	2-Methylnaphthalene-d10		50%				
81103-79-9	Fluorene-d10		100%				
1718-52-1	Pyrene-d10		48%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/07/05
Received Date: 12/08/05
Extraction Date: 12/13/05
Analysis Date: 17-DEC-2005 21:26
Report Date: 12/20/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-8
Client ID: AX-PCA25-MW01-12070
SDG: WV6563
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23814
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	I	0.1	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
90-12-0	1-Methylnaphthalene	U	0.10	1.0	0.2	0.2	0.10
7297-45-2	2-Methylnaphthalene-d10		48%				
81103-79-9	Fluorene-d10		93%				
1718-52-1	Pyrene-d10		36%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/07/05
Received Date: 12/08/05
Extraction Date: 12/13/05
Analysis Date: 17-DEC-2005 22:11
Report Date: 12/20/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-9
Client ID: AX-PCA25-MW03-12070
SDG: WV6563
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23814
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		4	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene		1.0	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene		0.4	1.0	0.2	0.2	0.08
86-73-7	Fluorene		0.2	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	V	0.3	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
90-12-0	1-Methylnaphthalene		0.5	1.0	0.2	0.2	0.10
7297-45-2	2-Methylnaphthalene-d10		55%				
81103-79-9	Fluorene-d10		99%				
1718-52-1	Pyrene-d10		33%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/07/05
Received Date: 12/08/05
Extraction Date: 12/28/05
Analysis Date: 29-DEC-2005 19:17
Report Date: 12/30/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-9RE
Client ID: AX-PCA25-MW03-12070
SDG: WV6563
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24247
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		5	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene		1	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene		0.4	1.0	0.2	0.2	0.08
86-73-7	Fluorene		0.3	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene		0.3	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.09	1.0	0.2	0.2	0.09
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
90-12-0	1-Methylnaphthalene		0.5	1.0	0.2	0.2	0.09
7297-45-2	2-Methylnaphthalene-d10		87%				
81103-79-9	Fluorene-d10		98%				
1718-52-1	Pyrene-d10		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/07/05
Received Date: 12/08/05
Extraction Date: 12/13/05
Analysis Date: 19-DEC-2005 19:04
Report Date: 12/20/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-10
Client ID: AX-PCA25-MW04-12070
SDG: WV6563
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23814
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		2	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene		0.3	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
90-12-0	1-Methylnaphthalene	I	0.1	1.0	0.2	0.2	0.10
7297-45-2	2-Methylnaphthalene-d10		52%				
81103-79-9	Fluorene-d10		91%				
1718-52-1	Pyrene-d10		46%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/07/05
Received Date: 12/08/05
Extraction Date: 12/13/05
Analysis Date: 17-DEC-2005 23:41
Report Date: 12/20/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-11
Client ID: AX-PCA25-FB01-12070
SDG: WV6563
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23814
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
90-12-0	1-Methylnaphthalene	U	0.10	1.0	0.2	0.2	0.10
7297-45-2	2-Methylnaphthalene-d10		48%				
81103-79-9	Fluorene-d10		91%				
1718-52-1	Pyrene-d10		36%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/07/05
Received Date: 12/08/05
Extraction Date: 12/13/05
Analysis Date: 18-DEC-2005 00:24
Report Date: 12/20/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-12
Client ID: AX-PCA25-EB01-12070
SDG: WV6563
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23814
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.09	1.0	0.2	0.2	0.09
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
90-12-0	1-Methylnaphthalene	U	0.09	1.0	0.2	0.2	0.09
7297-45-2	2-Methylnaphthalene-d10		54%				
81103-79-9	Fluorene-d10		101%				
1718-52-1	Pyrene-d10		41%				

Standards Data Section

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Instrument ID: GCMS-U Calibration Date(s): 11/28/05 11/28/05

Column: ZB5-MS ID: 0.25 (mm) Calibration Time(s): 1114 1458

LAB FILE ID: RF0.2: U2812 RF0.5: U2811 RF1: U2807
RF2: U2810 RF3: U2809 RF5: U2808

COMPOUND	RF0.2	RF0.5	RF1	RF2	RF3	RF5	CURVE	COEFFICENTS A0	A1	%RSD OR R^2	MAX %RSD OR R^2
Naphthalene	0.909	0.857	0.813	0.792	0.767	0.759	AVRG		0.81615277	7.056	15.000
2-Methylnaphthalene	4006	13847	30329	83443	125360	210480	LINR	0.15786070	1.95650562	0.99834	0.99000
Acenaphthylene	0.999	1.191	1.260	1.383	1.430	1.446	AVRG		1.28486108	13.381	15.000
Acenaphthene	0.808	0.908	1.095	1.088	1.001	1.028	AVRG		0.98794401	11.243	15.000
Fluorene	0.772	0.898	0.911	0.948	1.003	1.017	AVRG		0.92478099	9.603	15.000
Phenanthrene	0.693	0.708	0.773	0.854	0.914	0.834	AVRG		0.79622562	10.889	15.000
Anthracene	0.837	0.878	0.867	0.890	0.941	0.870	AVRG		0.88070297	3.923	15.000
Fluoranthene	0.531	0.565	0.588	0.645	0.708	0.671	AVRG		0.61804611	10.947	15.000
Pyrene	2.152	2.201	2.242	2.235	2.338	2.247	AVRG		2.23572299	2.746	15.000
Benzo(a)anthracene	852	2624	6005	15437	27163	57180	LINR	0.26551410	1.50649644	0.99001	0.99000
Chrysene	1.902	1.632	1.505	1.519	1.503	1.301	AVRG		1.56028924	12.720	15.000
Benzo(b)fluoranthene	607	2061	4512	12094	21698	34210	LINR	0.15986591	1.06982264	0.99599	0.99000
Benzo(k)fluoranthene	2.220	2.153	2.012	2.132	2.221	2.136	AVRG		2.14579270	3.575	15.000
Benzo(a)pyrene	1.633	1.153	1.135	1.224	1.252	1.203	AVRG		1.26675978	14.589	15.000
Indeno(1,2,3-cd)pyrene	0.738	0.746	0.619	0.836	0.818	0.808	AVRG		0.76078437	10.487	15.000
Dibenzo(a,h)anthracene	801	1662	3287	9806	14683	21582	LINR	-1.21e-002	1.68246976	0.99182	0.99000
Benzo(g,h,i)perylene	1.338	1.350	1.096	1.317	1.222	1.134	AVRG		1.24267156	8.810	15.000
1-Methylnaphthalene	0.684	0.654	0.574	0.525	0.504	0.487	AVRG		0.57158986	14.299	15.000
2-Methylnaphthalene-d10	0.541	0.518	0.541	0.548	0.542	0.548	AVRG		0.53971431	2.070	15.000
Fluorene-d10	0.772	0.886	0.904	0.924	0.965	0.944	AVRG		0.89918972	7.602	15.000
Pyrene-d10	3.233	3.354	3.416	3.386	3.614	3.470	AVRG		3.41210655	3.719	15.000

Average %RSD test result.

Calculate Average %RSD: 12.66885567
Maximum Average %RSD: 30.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Instrument ID: GCMS-U Calibration Date(s): 12/19/05 12/19/05

Column: ZB5-MS ID: 0.25 (mm) Calibration Time(s): 0945 1329

LAB FILE ID: RF0.2: U3104 RF0.5: U3103 RF1: U3099
RF2: U3102 RF3: U3101 RF5: U3100

COMPOUND	RF0.2	RF0.5	RF1	RF2	RF3	RF5	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
Naphthalene	0.726	0.750	0.882	0.785	0.747	0.672	AVRG		0.76035442		9.268	15.000
2-Methylnaphthalene	0.312	0.384	0.466	0.456	0.464	0.424	AVRG		0.41767849		14.423	15.000
Acenaphthylene	1.333	1.280	1.368	1.337	1.371	1.353	AVRG		1.34025992		2.493	15.000
Acenaphthene	0.878	0.865	0.887	0.868	0.861	0.849	AVRG		0.86817673		1.541	15.000
Fluorene	0.800	0.939	0.946	0.896	0.900	0.918	AVRG		0.89977496		5.880	15.000
Phenanthrene	0.705	0.752	0.776	0.815	0.763	0.821	AVRG		0.77205478		5.580	15.000
Anthracene	0.938	0.841	0.873	0.840	0.809	0.863	AVRG		0.86056584		5.094	15.000
Fluoranthene	0.682	0.675	0.662	0.649	0.617	0.698	AVRG		0.66375971		4.287	15.000
Pyrene	1.635	1.462	1.378	1.416	1.341	1.298	AVRG		1.42176698		8.371	15.000
Benzo(a)anthracene	0.746	0.697	0.810	0.757	0.760	0.830	AVRG		0.76668045		6.234	15.000
Chrysene	4951	13008	19784	36395	53747	95656	LINR	-0.1806318	1.03554362		0.99612	0.99000
Benzo(b)fluoranthene	1.084	1.057	1.129	1.040	1.040	1.138	AVRG		1.08123693		4.037	15.000
Benzo(k)fluoranthene	1.948	1.524	1.444	1.508	1.497	1.338	AVRG		1.54325033		13.584	15.000
Benzo(a)pyrene	1.233	1.042	1.056	1.036	1.051	1.038	AVRG		1.07593954		7.173	15.000
Indeno(1,2,3-cd)pyrene	1.083	0.953	1.007	0.962	1.031	1.003	AVRG		1.00647634		4.728	15.000
Dibenzo(a,h)anthracene	0.789	0.618	0.727	0.720	0.771	0.760	AVRG		0.73088937		8.385	15.000
Benzo(g,h,i)perylene	1.137	0.950	0.938	0.905	0.954	0.898	AVRG		0.96396153		9.119	15.000
1-Methylnaphthalene	6877	20356	28462	62189	83062	135870	2ORDR	1.207e-002	1.49439401	0.28954235	0.99915	0.99000
2-Methylnaphthalene-d10	0.516	0.582	0.591	0.526	0.521	0.475	AVRG		0.53526773		8.120	15.000
Fluorene-d10	0.821	0.831	0.874	0.840	0.859	0.874	AVRG		0.85002550		2.612	15.000
Pyrene-d10	2.431	2.166	2.090	2.117	2.004	1.934	AVRG		2.12371617		8.090	15.000

Average %RSD test result.

Calculate Average %RSD: 9.488741875
Maximum Average %RSD: 30.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Instrument ID: GCMS-U Calibration Date(s): 12/29/05 12/29/05

Column: ZB5-MS ID: 0.25 (mm) Calibration Time(s): 1132 1533

LAB FILE ID: RF0.2: U3231 RF0.5: U3230 RF1: U3226
RF2: U3229 RF3: U3228 RF5: U3227

COMPOUND	RF0.2	RF0.5	RF1	RF2	RF3	RF5	CURVE	COEFFICENTS A0	A1	%RSD OR R^2	MAX %RSD OR R^2
Naphthalene	0.625	0.627	0.730	0.595	0.622	0.622	AVRG		0.63667545	7.410	15.000
2-Methylnaphthalene	3988	10946	25169	55888	94188	149940	LINR	0.14500482	2.37650221	0.99730	0.99000
Acenaphthylene	1.079	1.096	1.141	1.103	1.183	1.240	AVRG		1.14017359	5.384	15.000
Acenaphthene	0.721	0.720	0.730	0.705	0.747	0.775	AVRG		0.73320486	3.359	15.000
Fluorene	0.773	0.713	0.775	0.720	0.794	0.829	AVRG		0.76745068	5.799	15.000
Phenanthrene	0.597	0.622	0.637	0.639	0.734	0.749	AVRG		0.66296121	9.485	15.000
Anthracene	0.725	0.726	0.704	0.709	0.758	0.784	AVRG		0.73437375	4.208	15.000
Fluoranthene	0.566	0.576	0.554	0.593	0.646	0.646	AVRG		0.59682865	6.716	15.000
Pyrene	1.202	1.158	1.119	1.075	1.119	1.092	AVRG		1.12749452	4.102	15.000
Benzo(a)anthracene	1667	5053	12133	29618	58462	88156	LINR	0.20731456	1.48063409	0.99451	0.99000
Chrysene	6444	13665	22822	52355	83003	116590	LINR	-0.1396917	1.15098277	0.99885	0.99000
Benzo(b)fluoranthene	1997	5362	13147	31836	53251	84515	LINR	0.11990356	1.08586014	0.99871	0.99000
Benzo(k)fluoranthene	1.586	1.387	1.272	1.236	1.319	1.262	AVRG		1.34366496	9.685	15.000
Benzo(a)pyrene	0.901	0.854	0.844	0.841	0.896	0.920	AVRG		0.87611970	3.837	15.000
Indeno(1,2,3-cd)pyrene	0.786	0.760	0.757	0.757	0.790	0.937	AVRG		0.79802961	8.742	15.000
Dibenzo(a,h)anthracene	0.565	0.697	0.531	0.536	0.567	0.698	AVRG		0.59898070	12.945	15.000
Benzo(g,h,i)perylene	0.826	0.869	0.769	0.764	0.768	0.884	AVRG		0.81339932	6.686	15.000
1-Methylnaphthalene	7782	20309	34861	65891	94067	147020	LINR	-0.1419482	2.50291014	0.99698	0.99000
2-Methylnaphthalene-d10	0.256	0.300	0.292	0.267	0.283	0.278	AVRG		0.27934106	5.799	15.000
Fluorene-d10	0.730	0.764	0.815	0.752	0.826	0.836	AVRG		0.78719098	5.616	15.000
Pyrene-d10	1.086	1.014	0.980	0.957	0.984	0.973	AVRG		0.99901579	4.649	15.000

Average %RSD test result.

Calculate Average %RSD: 8.354289055
Maximum Average %RSD: 30.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Instrument ID: GCMS-U Calibration Date: 12/17/05 Time: 1312

Lab File ID: U3068 Init. Calib. Date(s): 11/28/05 11/28/05

Init. Calib. Times: 1114 1458

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Naphthalene	0.8160000	0.8330400	0.8330400	0.01	2.09	100.00	AVRG	
2-Methylnaphthalene	0.9014800	1.0000000	0.3962100	0.01	-9.85	100.00	LINR	
Acenaphthylene	1.2850000	1.4387000	1.4387000	0.01	11.96	100.00	AVRG	
Acenaphthene	0.9880000	0.9457200	0.9457200	0.01	-4.28	20.00	AVRG	
Fluorene	0.9250000	1.0445000	1.0445000	0.01	12.92	100.00	AVRG	
Phenanthrene	0.7960000	0.8240100	0.8240100	0.01	3.52	100.00	AVRG	
Anthracene	0.8800000	0.9218400	0.9218400	0.01	4.75	100.00	AVRG	
Fluoranthene	0.6180000	0.7940500	0.7940500	0.01	28.49	20.00	AVRG	<-
Pyrene	2.2360000	1.4368000	1.4368000	0.01	-35.74	100.00	AVRG	
Benzo(a)anthracene	1.4519000	1.0000000	0.8227800	0.01	45.19	100.00	LINR	
Chrysene	1.5600000	1.1418000	1.1418000	0.01	-26.81	100.00	AVRG	
Benzo(b)fluoranthene	1.3447000	1.0000000	1.1374000	0.01	34.47	100.00	LINR	
Benzo(k)fluoranthene	2.1460000	1.4513000	1.4513000	0.01	-32.37	100.00	AVRG	
Benzo(a)pyrene	1.2670000	1.0536000	1.0536000	0.01	-16.84	20.00	AVRG	
Indeno(1,2,3-cd)pyrene	0.7610000	0.9463100	0.9463100	0.01	24.35	100.00	AVRG	
Dibenzo(a,h)anthracene	1.0676000	1.0000000	0.6402800	0.01	6.76	100.00	LINR	
Benzo(g,h,i)perylene	1.2430000	0.8701100	0.8701100	0.01	-30.00	100.00	AVRG	
1-Methylnaphthalene	0.5710000	0.5995600	0.5995600	0.01	5.00	100.00	AVRG	
2-Methylnaphthalene-d10	0.5400000	0.5491800	0.5491800	0.01	1.70	100.00	AVRG	
Fluorene-d10	0.8990000	0.9518700	0.9518700	0.01	5.88	100.00	AVRG	
Pyrene-d10	3.4120000	2.2212000	2.2212000	0.01	-34.90	100.00	AVRG	

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Instrument ID: GCMS-U Calibration Date: 12/18/05 Time: 1228

Lab File ID: U3084 Init. Calib. Date(s): 11/28/05 11/28/05

Init. Calib. Times: 1114 1458

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Naphthalene	0.8160000	0.8331000	0.8331000	0.01	2.10	100.00	AVRG	
2-Methylnaphthalene	0.8432300	1.0000000	0.3664400	0.01	-15.68	100.00	LINR	
Acenaphthylene	1.2850000	1.3548000	1.3548000	0.01	5.43	100.00	AVRG	
Acenaphthene	0.9880000	0.9824800	0.9824800	0.01	-0.56	20.00	AVRG	
Fluorene	0.9250000	1.0192000	1.0192000	0.01	10.18	100.00	AVRG	
Phenanthrene	0.7960000	0.8468800	0.8468800	0.01	6.39	100.00	AVRG	
Anthracene	0.8800000	0.9510900	0.9510900	0.01	8.08	100.00	AVRG	
Fluoranthene	0.6180000	0.7706200	0.7706200	0.01	24.70	20.00	AVRG	<-
Pyrene	2.2360000	1.4933000	1.4933000	0.01	-33.22	100.00	AVRG	
Benzo(a)anthracene	1.3332000	1.0000000	0.7440000	0.01	33.32	100.00	LINR	
Chrysene	1.5600000	1.3022000	1.3022000	0.01	-16.53	100.00	AVRG	
Benzo(b)fluoranthene	1.1403000	1.0000000	0.9463100	0.01	14.03	100.00	LINR	
Benzo(k)fluoranthene	2.1460000	1.8826000	1.8826000	0.01	-12.27	100.00	AVRG	
Benzo(a)pyrene	1.2670000	1.1712000	1.1712000	0.01	-7.56	20.00	AVRG	
Indeno(1,2,3-cd)pyrene	0.7610000	0.8682500	0.8682500	0.01	14.09	100.00	AVRG	
Dibenzo(a,h)anthracene	1.2697000	1.0000000	0.7604100	0.01	26.97	100.00	LINR	
Benzo(g,h,i)perylene	1.2430000	0.8917800	0.8917800	0.01	-28.26	100.00	AVRG	
1-Methylnaphthalene	0.5710000	0.6353300	0.6353300	0.01	11.27	100.00	AVRG	
2-Methylnaphthalene-d10	0.5400000	0.5517900	0.5517900	0.01	2.18	100.00	AVRG	
Fluorene-d10	0.8990000	0.9790800	0.9790800	0.01	8.91	100.00	AVRG	
Pyrene-d10	3.4120000	2.2500000	2.2500000	0.01	-34.06	100.00	AVRG	

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Instrument ID: GCMS-U Calibration Date: 12/19/05 Time: 1434

Lab File ID: U3105 Init. Calib. Date(s): 12/19/05 12/19/05

Init. Calib. Times: 0945 1329

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.7600000	0.7724700	0.7724700	0.01	1.64	100.00	AVRG
2-Methylnaphthalene	0.4180000	0.4618400	0.4618400	0.01	10.49	100.00	AVRG
Acenaphthylene	1.3400000	1.3239000	1.3239000	0.01	-1.20	100.00	AVRG
Acenaphthene	0.8680000	0.8818700	0.8818700	0.01	1.60	20.00	AVRG
Fluorene	0.9000000	0.9262100	0.9262100	0.01	2.91	100.00	AVRG
Phenanthrene	0.7720000	0.7843800	0.7843800	0.01	1.60	100.00	AVRG
Anthracene	0.8610000	0.8575400	0.8575400	0.01	-0.40	100.00	AVRG
Fluoranthene	0.6640000	0.6702900	0.6702900	0.01	0.95	20.00	AVRG
Pyrene	1.4220000	1.3620000	1.3620000	0.01	-4.22	100.00	AVRG
Benzo(a)anthracene	0.7670000	0.7642100	0.7642100	0.01	-0.36	100.00	AVRG
Chrysene	1.0448000	1.0000000	1.1485000	0.01	4.48	100.00	LINR
Benzo(b)fluoranthene	1.0810000	1.0534000	1.0534000	0.01	-2.55	100.00	AVRG
Benzo(k)fluoranthene	1.5430000	1.5541000	1.5541000	0.01	0.72	100.00	AVRG
Benzo(a)pyrene	1.0760000	1.0637000	1.0637000	0.01	-1.14	20.00	AVRG
Indeno(1,2,3-cd)pyrene	1.0060000	0.9721200	0.9721200	0.01	-3.37	100.00	AVRG
Dibenzo(a,h)anthracene	0.7310000	0.6782600	0.6782600	0.01	-7.21	100.00	AVRG
Benzo(g,h,i)perylene	0.9640000	0.9608600	0.9608600	0.01	-0.32	100.00	AVRG
1-Methylnaphthalene	1.0551000	1.0000000	0.6095900	0.01	5.51	100.00	2RDR
2-Methylnaphthalene-d10	0.5350000	0.5662200	0.5662200	0.01	5.84	100.00	AVRG
Fluorene-d10	0.8500000	0.9100700	0.9100700	0.01	7.07	100.00	AVRG
Pyrene-d10	2.1240000	2.0552000	2.0552000	0.01	-3.24	100.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Instrument ID: GCMS-U Calibration Date: 12/20/05 Time: 0917

Lab File ID: U3122 Init. Calib. Date(s): 12/19/05 12/19/05

Init. Calib. Times: 0945 1329

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.7600000	0.8655000	0.8655000	0.01	13.88	100.00	AVRG
2-Methylnaphthalene	0.4180000	0.4674400	0.4674400	0.01	11.83	100.00	AVRG
Acenaphthylene	1.3400000	1.3896000	1.3896000	0.01	3.70	100.00	AVRG
Acenaphthene	0.8680000	0.9014100	0.9014100	0.01	3.85	20.00	AVRG
Fluorene	0.9000000	0.9298300	0.9298300	0.01	3.31	100.00	AVRG
Phenanthrene	0.7720000	0.8010600	0.8010600	0.01	3.76	100.00	AVRG
Anthracene	0.8610000	0.8353500	0.8353500	0.01	-2.98	100.00	AVRG
Fluoranthene	0.6640000	0.6873300	0.6873300	0.01	3.51	20.00	AVRG
Pyrene	1.4220000	1.4764000	1.4764000	0.01	3.82	100.00	AVRG
Benzo(a)anthracene	0.7670000	0.7528600	0.7528600	0.01	-1.84	100.00	AVRG
Chrysene	1.1068000	1.0000000	1.2084000	0.01	10.68	100.00	LINR
Benzo(b)fluoranthene	1.0810000	0.9848200	0.9848200	0.01	-8.90	100.00	AVRG
Benzo(k)fluoranthene	1.5430000	1.5882000	1.5882000	0.01	2.93	100.00	AVRG
Benzo(a)pyrene	1.0760000	1.0596000	1.0596000	0.01	-1.52	20.00	AVRG
Indeno(1,2,3-cd)pyrene	1.0060000	0.7553000	0.7553000	0.01	-24.92	100.00	AVRG
Dibenzo(a,h)anthracene	0.7310000	0.5496200	0.5496200	0.01	-24.81	100.00	AVRG
Benzo(g,h,i)perylene	0.9640000	0.7695400	0.7695400	0.01	-20.17	100.00	AVRG
1-Methylnaphthalene	0.8431600	1.0000000	0.4977500	0.01	-15.68	100.00	2RDR
2-Methylnaphthalene-d10	0.5350000	0.5569500	0.5569500	0.01	4.10	100.00	AVRG
Fluorene-d10	0.8500000	0.8486200	0.8486200	0.01	-0.16	100.00	AVRG
Pyrene-d10	2.1240000	2.2243000	2.2243000	0.01	4.72	100.00	AVRG

FORM VII PEST

Logbooks and Supporting Documents

S/M SEP

Katahdin Analytical Services, Inc.
Organic Extraction Log

Protocol: SW846/EPA

Analysis: Semivolatile Organics

Date QC Started: 12-13-05

QC Expiration Date: 12-27-05

SURROGATE ID: *SV2078

SURROGATE ID: SV2082

Analytical Method: SW846-8270 / EPA-625 or CLP

Extraction Technique: CLLE-3520 / SEP-3510

Matrix: AQUEOUS

SPIKE ID: SV2081

SPIKE ID:

pH Adjustments - 1st extraction: ≥11

2nd extraction: N/A

Have all samples been adjusted for pH? Yes

CLEAN-UP: GC screen, GPC, Florisil, Acid Wash, Other:

Solvent Lot #

All volumes in milliliters unless otherwise indicated.

Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Init.	Comments
Blank-1	12-13-05	KF	WG23814-1	1000	1.0mL	NR	1mL	12-16-05	SV105 A7	TR	* R43378
LCS-1			-2			1.0mL			A8		
MS			-3						A9		
MSD											
Blank-2											
LCS-2											
Blank-3											
LCS-3											
Blank-4											
LCS-4											
Blank-5											
LCS-5											
Blank-6											
LCS-6											

All volumes in milliliters unless otherwise indicated.

Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Init.	Comments
1	12-13-05	KF	WV6563-1	1040	1.0mL	NR	1mL	12-16-05	SV105 A10	TR	
2			-2	1040					B1		
3			-3	1040					B2		
4			-4	1050					B3		
5			-5	1050					B4		emulsion-centrifuged
6			-6	1050					B5		
7			-7	1050					B6		emulsion-centrifuged
8			-8	1050					B7		emulsion-centrifuged
9			-9	1050					B8		
10			-10						B9		emulsion-centrifuged
11			-11						B10		
12			-12	1080					CL B11 TR 12-16-05		
13											
14											
15											
16											
17											
18											
19											
20											

Reviewed By:

Katahdin Analytical Services 2000058

SIM SEP

Katahdin Analytical Services, Inc.
Organic Extraction Log

Protocol: SW846/EPA
Analysis: Semivolatile Organics
Date QC Started: 12-28-05
QC Expiration Date: 01-10-05
SURROGATE ID: SV2087
SURROGATE ID:

Analytical Method: SW846-8270
EPA-625 or CLP
Extraction Technique: CLLE-3520
SEP-3510
Matrix: AQUEOUS
SPIKE ID: SV2086
SPIKE ID:

CLEAN-UP: GC screen, GPC, Florisil, Acid Wash, Other:
Solvent Lot # $MeCl_2$ 043E90

pH Adjustments - 1st extraction: >11
2nd extraction: NA

All volumes in milliliters unless otherwise indicated.

Have all samples been adjusted for pH? yes

Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Init.	Comments
Blank-1	12-28-05	GN	W624247-1	1000	1mL	NR	1mL	12-29-05	SV107 C6	GN	R43940
LCS-1			-2			1mL			C7		
MS			-3						C8		
MSD											
Blank-2											
LCS-2											
Blank-3											
LCS-3											
Blank-4											
LCS-4											
Blank-5											
LCS-5											
Blank-6											
LCS-6											

All volumes in milliliters unless otherwise indicated.

Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Init.	Comments
1	12-28-05	GN	WV6563-1	1040	1mL	NR	1mL	12-29-05	SV107 C9	GN	RE
2			-2	1050					C10		
3			-5	1050					D1		
4			-6	1050					D2		
5			-9	1060					D3		
6			WV6818-1	1010							
7			-2	1050							
8			-3	1040							
9			-4	1060							
10			-5	1060							
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											

Reviewed By:

Katahdin Analytical Services 2000059

KATAHDIN ANALYTICAL SERVICES
GC/MS SVOA INJ LOG INSTRUMENT: 5973-U

DATE OF DFTPP INJECTION: 112805

JOB	SAMPLE	DATAFILE	DF	ALS #	METHOD	UL INJ	CHEMIST	COMMENTS
	50 ng DFTPP	U0128	1	1	DFTPP390	2.0	JCH	OK
	SSTD1.00 U1128	U2807		2	~~U128~~ USM030	1.0		✓
	5.00	08		3				✓
	3.00	09		4				✓ curve good
	2.00	10		5				✓
	0.50	11		6				✓
	0.20	12		7				✓
	50 ng DFTPP	U0129	1	1	DFTPP390	2.0	JCH	OK
	SSTD1.00 U1128	U2813		2	USM030	1.0		OK
3550	WE 22829-1	14		3				OK
	-2	15		4				
	-3	16		5				
3510	WV5658-4DL	17	10	6				
	-6DL	18	5	7				
	-11DL	19	5	8				
3510	WV6062-3	U2820	1	9				SS1,3↓
3550	WV5855-3	21		10				IS5↑ (R)
	-7	22		11				OK
	-11	23		12				IS6↓ (N) SS2,4,3↓
	-12	24		13				IS6↓ (N)
	-14	25		14				IS6↓ (R)
	-13	26		15				OK
	-5	27		16				OK
	-6	28		17				OK
	-9	29		18				OOC (R)

STANDARD	CODE
DFTPP	50764
CAL. STD.	50776 - 50781
IS MIX	50763

REVIEWED AND APPROVED BY: _____
DATE: _____

QAMS296

Katahdin Analytical Services

00200060

KATAHDIN ANALYTICAL SERVICES
GC/MS SVOA INJ LOG INSTRUMENT: 5973-U

DATE OF DFTPP INJECTION: 121705

JOB	SAMPLE	DATAFILE	DF	ALS #	METHOD	UL INJ	CHEMIST	COMMENTS
	50ng DFTPP	U0147	1	1	DFTPP340	1.0	JCL	OK
	SSTD100U127	U3068		2	USM030	1.0		OK
3510	LX23814-1	69		3				OK
	-2	70		4				SS3L
	-3	71		5				OK
	WV6563-1	72		6				SS3L
	-2	73		7				SS3L
	-3	74		8				OK
	-4	75		9				OK
	-5	76		10				SS3L
	-6	77		11				OK DL 1:25
	-7	78		12				SS3L
	-8	79		13				OK
	-9	80		14				OK
	-10	81		15				SS3L
	-11	82		16				OK
	-12	83		17				OK

STANDARD	CODE
DFTPP	50790
CAL. STD.	50785
IS MIX	50788

REVIEWED AND APPROVED BY:
DATE:

QAMS296

Katahdin Analytical Services 00000081

KATAHDIN ANALYTICAL SERVICES
GC/MS SVOA INJ LOG INSTRUMENT: 5973-U

DATE OF DFTPP INJECTION: 121805

JOB	SAMPLE	DATAFILE	DF	ALS #	METHOD	UL INJ	CHEMIST	COMMENTS
	50 ng DFTPP	UD149	1	1	DFTPP590	2.0	JL	OK
	SSM00U1218	U3054		2	USIM030	1.0		OK
3510	WG23888-1	85		3				OK
	2	86		4				OK
	3	87		5				OK
	WV6563-6DL	88	25	6				OK
	WV6343-3DL	89	1	7				OK
3550	WV6284-10	90		8				1534
	-11	91		9				OK
	-12	92		10				5531
	WV6227-8DL	93	500	11				OK
	-4	94	1	12				OK
	-5	95		13				1561
	-6	96		14				1534761
	-2	97		15				151,34
	-3	98		16				153,4761

STANDARD	CODE
DFTPP	50790
CAL. STD.	50785
IS MIX	50788

REVIEWED AND APPROVED BY: _____
DATE: _____

QAMS296

Katahdin Analytical Services 00000099

00000621

KATAHDIN ANALYTICAL SERVICES
GC/MS SVOA INJ LOG INSTRUMENT: 5973-U

DATE OF DFTPP INJECTION: 121905

JOB	SAMPLE	DATAFILE	DF	ALS #	METHOD	UL INJ	CHEMIST	COMMENTS
	50 ng DFTPP	U0150	1	1	DFTPP390	2.0	JLG	OK
	SSTD1.00U129	U3099		2	USM031	1.0		✓
	5.00	U3100		3				✓
	3.00	01		4				✓ curve good
	2.00	02		5				✓
	0.50	03		6				✓
	0.20	04		7				✓
Restart	50 ng DFTPP	U0151	1	1	DFTPP390	2.0	JLG	OK
121905B	SSTD1.00U129	U3105		2	USM031	1.0		OK
3550	WV6225-4	06		3				OK
3550	WV6~~325~~ 563-1 JLG	07		4				OK
	-2	08		5				SS3↓
	-5	09		6				OK
	-7	10		7				
	-10	11		8				
	WG23603-1	12		9				
	-2	13		10				
	-3	14		11				
3550	WV6284-12	15		12				
3510	WV6482-14	16		13				
3550	WV6808-1	17		14				DL 1:5 (a)
	-2	18		15				15b↓ (a)
3910	WG23400-1	19		16				OK
	-2	20		17				OK
	-3	21		18				OOC (a)

STANDARD	CODE
DFTPP	50790
CAL. STD.	50789 50776, 50777, 50780 50779 50781
IS MIX	50788

REVIEWED AND APPROVED BY:
DATE:

QAMS296

Katahdin Analytical Services 0000100 20000063

KATAHDIN ANALYTICAL SERVICES
GC/MS SVOA INJ LOG INSTRUMENT: 5973-U

DATE OF DFTPP INJECTION: 122005

JOB	SAMPLE	DATAFILE	DF	ALS #	METHOD	UL INJ	CHEMIST	COMMENTS
	50 ng DFTPP	U0152	1	1	DFTPP390	2.0	JdL	OK
	SSM51.00U1220	U3122		2	US(M03)	1.0		OK
3570	WV6563-2	23		3				OK
3550	WG23398-3	24		4				
	-4	25		5				
3540	WG23400-3	26		6				
3550	WV6284-10	27		7				
	WV6308-10L	28	5	8				100/500
	-2	29	1	9				
	WV6285-1	30		10				
	-2	31		11				
	-3	32		12				
	-4	33		13				
	-5	34		14				
3540	WV6245-1	35		15				
	-3	36		16				
	-4	37		17				
	-5	38		18				

STANDARD	CODE
DFTPP	50090
CAL. STD.	50785
IS MIX	50788

REVIEWED AND APPROVED BY:
DATE:

KATAHDIN ANALYTICAL SERVICES
GC/MS SVOA INJ LOG INSTRUMENT: 5973-U

DATE OF DFTPP INJECTION: 122905

JOB	SAMPLE	DATAFILE	DF	ALS #	METHOD	UL INJ	CHEMIST	COMMENTS
	50 ng DFTPP	UD158	1	1	DFTPP390	2.0	JCL	ok
	SSTD1.00U1229	U3225		2	USIM031	1.0		—
	1.00	26		2	USIM032			✓
	5.00	27		3				✓
	3.00	28		4				✓
	2.00	29		5				✓ Curve good
	0.50	30		6				✓
	0.20	31		7				✓
3510	WV6563-1RE	32		8				OK
	-2RE	33		9				
	-5RE	34		10				
	-6RE	35		11				
	-9RE	36		12				
	-6REDL	37	25	13				20/500
	WG24247-1	38	1	14				
	-2	39		15				
	-3	40		16				
3550	WV6307-11DL	41	10	17				DOC (R) 50/500

JW 122905

STANDARD	CODE
DFTPP	50790
CAL. STD.	50798 - 50803
IS MIX	50788

REVIEWED AND APPROVED BY: _____
DATE: _____

PETROLEUM RANGE ORGANICS DATA

QC Summary Section

FORM 2
WATER FL-PRO SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 OTP#	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	WG23712-BLANK	WG23712-1	133	137							0
02	WG23712-LCS	WG23712-2	108	145J							1
03	WG23712-LCSD	WG23712-3	128	144J							1
04	AX-PCA25-MW05-12060	WV6563-1	104	118							0
05	AX-PCA25-MW07-12060	WV6563-2	95	110							0
06	AX-PCA25-MW11-12060	WV6563-3	118	140							0
07	AX-PCA25-MW12-12060	WV6563-4	110	124							0
08	AX-PCA25-MW13-12060	WV6563-5	72	73J							1
09	AX-PCA25-MW09-12070	WV6563-6	103	107							0
10	WG23812-BLANK	WG23812-1	104	115							0
11	WG23812-LCS	WG23812-2	98	109							0
12	WG23812-LCSD	WG23812-3	102	112							0
13	AX-PCA25-MW02-12070	WV6563-7	95	104							0
14	AX-PCA25-MW01-12070	WV6563-8	87	98							0
15	AX-PCA25-MW03-12070	WV6563-9	85	95							0
16	AX-PCA25-MW04-12070	WV6563-10	81	89							0
17	AX-PCA25-FB01-12070	WV6563-11	100	109							0
18	AX-PCA25-EB01-12070	WV6563-12	82	97							0
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											

		QC LIMITS
S1	= n-Triacontane-D62	(42-193)
S2 (OTP)	= O-Terphenyl	(82-142)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG23712-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Lab File ID: CVL2055 Lab Sample ID: WG23712-1

Instrument ID: GC12 Date Extracted: 12/09/05

Matrix: (soil/water) WATER Date Analyzed: 12/15/05

Level:(low/med) LOW Time Analyzed: 1722

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG23712-LCS	WG23712-2	CVL2056	12/15/05	1833
02	WG23712-LCSD	WG23712-3	CVL2057	12/15/05	1943
03	AX-PCA25-MW05-12060	WV6563-1	CVL2059	12/15/05	2204
04	AX-PCA25-MW07-12060	WV6563-2	CVL2060	12/15/05	2315
05	AX-PCA25-MW11-12060	WV6563-3	CVL2061	12/16/05	0025
06	AX-PCA25-MW12-12060	WV6563-4	CVL2062	12/16/05	0135
07	AX-PCA25-MW13-12060	WV6563-5	CVL2063	12/16/05	0245
08	AX-PCA25-MW09-12070	WV6563-6	CVL2064	12/16/05	0355
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV SV

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG23812-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Lab File ID: CVL2069 Lab Sample ID: WG23812-1

Instrument ID: GC12 Date Extracted: 12/13/05

Matrix: (soil/water) WATER Date Analyzed: 12/17/05

Level:(low/med) LOW Time Analyzed: 1623

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG23812-LCS	WG23812-2	CVL2070	12/17/05	1733
02	WG23812-LCSD	WG23812-3	CVL2071	12/17/05	1844
03	AX-PCA25-MW02-12070	WV6563-7	CVL2072	12/17/05	1954
04	AX-PCA25-MW01-12070	WV6563-8	CVL2073	12/17/05	2104
05	AX-PCA25-MW03-12070	WV6563-9	CVL2074	12/17/05	2214
06	AX-PCA25-MW04-12070	WV6563-10	CVL2075	12/17/05	2324
07	AX-PCA25-FB01-12070	WV6563-11	CVL2076	12/18/05	0035
08	AX-PCA25-EB01-12070	WV6563-12	CVL2077	12/18/05	0145
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV SV

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date: 12/09/05
Analysis Date: 15-DEC-2005 17:22
Report Date: 12/19/2005
Matrix: WATER
% Solids: NA

Lab ID: WG23712-1
Client ID: WG23712-Blank
SDG: WV6563
Extracted by: TR
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG23712
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	230	1.0	500	500	230
	n-Triacontane-D62		133%				
	O-Terphenyl		137%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date: 12/13/05
Analysis Date: 17-DEC-2005 16:23
Report Date: 12/19/2005
Matrix: WATER
% Solids: NA

Lab ID: WG23812-1
Client ID: WG23812-Blank
SDG: WV6563
Extracted by: KF
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG23812
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	I	360	1.0	500	500	230
	n-Triacontane-D62		104%				
	O-Terphenyl		115%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date: 12/09/05
Analysis Date: 12/15/05
Report Date: 12/19/2005
Matrix: WATER

Lab ID: WG23712-2 & WG23712-3
Client ID: WG23712-LCS & WG23712-LCSD
SDG: WV6563
Extracted by: TR
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG23712
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Petroleum Range Organics	1700	1700	NA	2000	2000	118	118	0.0	30	55-118

FORM III SV-1

CVL2056.d & CVL2057.d

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date: 12/13/05
Analysis Date: 12/17/05
Report Date: 12/19/2005
Matrix: WATER

Lab ID: WG23812-2 & WG23812-3
Client ID: WG23812-LCS & WG23812-LCSD
SDG: WV6563
Extracted by: KF
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG23812
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Petroleum Range Organics	1700	1700	NA	1800	1900	106	112	5	30	55-118

FORM III SV-1

CVL2070.d & CVL2071.d

FORM 8
FL-PRO ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

GC Column: ZB-1 ID: 0.53 (mm) Init. Calib. Date(s): 11/19/05 11/19/05

Instrument ID: GC12

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 17.92 S2 : 23.95

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		FLPRO 5 UG/M	11/19/05	1436	17.92	23.95
02		FLPRO 20 UG/	11/19/05	1546	17.92	23.95
03		FLPRO 50 UG/	11/19/05	1656	17.92	23.95
04		FLPRO 100UG/	11/19/05	1806	17.92	23.95
05		FLPRO 200UG/	11/19/05	1916	17.92	23.95
06		FLPRO IND	11/19/05	2025	17.92	23.95
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

		QC LIMITS
S1	= O-Terphenyl	(+/- 0.36 MINUTES)
S2	= n-Triacontane-D62	(+/- 0.48 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
FL-PRO ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

GC Column: ZB-1 ID: 0.53 (mm) Init. Calib. Date(s): 11/19/05 11/19/05

Instrument ID: GC12

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 17.92 S2 : 23.95

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		FLPRO 50UG/M	12/15/05	1016	17.88	23.91
02	WG23712-BLAN	WG23712-1	12/15/05	1722	17.87	23.90
03	WG23712-LCS	WG23712-2	12/15/05	1833	17.88	23.90
04	WG23712-LCSD	WG23712-3	12/15/05	1943	17.88	23.90
05	AX-PCA25-MW0	WV6563-1	12/15/05	2204	17.87	23.90
06	AX-PCA25-MW0	WV6563-2	12/15/05	2315	17.88	23.89
07	AX-PCA25-MW1	WV6563-3	12/16/05	0025	17.88	23.90
08	AX-PCA25-MW1	WV6563-4	12/16/05	0135	17.88	23.90
09	AX-PCA25-MW1	WV6563-5	12/16/05	0245	17.88	23.89
10	AX-PCA25-MW0	WV6563-6	12/16/05	0355	17.88	23.89
11		FLPRO 20UG/M	12/16/05	0616	17.87	23.89
12		FLPRO 50 UG/	12/17/05	1510	17.87	23.89
13	WG23812-BLAN	WG23812-1	12/17/05	1623	17.87	23.88
14	WG23812-LCS	WG23812-2	12/17/05	1733	17.87	23.89
15	WG23812-LCSD	WG23812-3	12/17/05	1844	17.87	23.90
16	AX-PCA25-MW0	WV6563-7	12/17/05	1954	17.88	23.91
17	AX-PCA25-MW0	WV6563-8	12/17/05	2104	17.88	23.91
18	AX-PCA25-MW0	WV6563-9	12/17/05	2214	17.88	23.91
19	AX-PCA25-MW0	WV6563-10	12/17/05	2324	17.88	23.91
20	AX-PCA25-FB0	WV6563-11	12/18/05	0035	17.88	23.89

		QC LIMITS
S1	= O-Terphenyl	(+/- 0.36 MINUTES)
S2	= n-Triacontane-D62	(+/- 0.48 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
FL-PRO ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

GC Column: ZB-1 ID: 0.53 (mm) Init. Calib. Date(s): 11/19/05 11/19/05

Instrument ID: GC12

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 17.92 S2 : 23.95

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01	AX-PCA25-EB0	WV6563-12	12/18/05	0145	17.88	23.91
02		FLPRO 20 UG/	12/18/05	0514	17.88	23.90
03						
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

		QC LIMITS
S1	= O-Terphenyl	(+/- 0.36 MINUTES)
S2	= n-Triacontane-D62	(+/- 0.48 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

Sample Data Section

FLORIDA DATA QUALIFIERS

I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
*	Compound recovery outside of quality control limits.
L	Off-scale high. Actual value is known to be greater than value given. To be used when the concentration of the analyte is above the acceptable level for quantitation (exceeds the linear range of highest calibration standard) and the calibration curve is known to exhibit a negative deflection.
J	Estimated value. A justification will be included in the narrative for any result that has been flagged with a "J".
V	Indicates the analyte was detected in the sample and the associated method blank.
N	Presumptive evidence of a compound based on a mass spectral library search.
Q	Sample held beyond the accepted holding time. This code shall be used if the value is derived from a sample that was prepared or analyzed after the approved holding time restrictions for sample preparation or analysis
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/06/05
Received Date: 12/08/05
Extraction Date: 12/09/05
Analysis Date: 15-DEC-2005 22:04
Report Date: 12/19/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-1
Client ID: AX-PCA25-MW05-12060
SDG: WV6563
Extracted by: TR
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG23712
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	I	280	1.0	500	500	220
	n-Triacontane-D62		104%				
	O-Terphenyl		118%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/06/05
Received Date: 12/08/05
Extraction Date: 12/09/05
Analysis Date: 15-DEC-2005 23:15
Report Date: 12/19/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-2
Client ID: AX-PCA25-MW07-12060
SDG: WV6563
Extracted by: TR
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG23712
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	I	360	1.0	500	500	220
	n-Triacontane-D62		95%				
	O-Terphenyl		110%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/06/05
Received Date: 12/08/05
Extraction Date: 12/09/05
Analysis Date: 16-DEC-2005 00:25
Report Date: 12/19/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-3
Client ID: AX-PCA25-MW11-12060
SDG: WV6563
Extracted by: TR
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG23712
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics		510	1.0	500	500	220
	n-Triacontane-D62		118%				
	O-Terphenyl		140%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/06/05
Received Date: 12/08/05
Extraction Date: 12/09/05
Analysis Date: 16-DEC-2005 01:35
Report Date: 12/19/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-4
Client ID: AX-PCA25-MW12-12060
SDG: WV6563
Extracted by: TR
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG23712
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	I	430	1.0	500	500	210
	n-Triacontane-D62		110%				
	O-Terphenyl		124%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/06/05
Received Date: 12/08/05
Extraction Date: 12/09/05
Analysis Date: 16-DEC-2005 02:45
Report Date: 12/19/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-5
Client ID: AX-PCA25-MW13-12060
SDG: WV6563
Extracted by: TR
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG23712
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics		1200	1.0	500	500	210
	n-Triacontane-D62		72%				
	O-Terphenyl		J 73%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/07/05
Received Date: 12/08/05
Extraction Date: 12/09/05
Analysis Date: 16-DEC-2005 03:55
Report Date: 12/19/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-6
Client ID: AX-PCA25-MW09-12070
SDG: WV6563
Extracted by: TR
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG23712
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics		2100	1.0	500	500	220
	n-Triacontane-D62		103%				
	O-Terphenyl		107%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/07/05
Received Date: 12/08/05
Extraction Date: 12/13/05
Analysis Date: 17-DEC-2005 19:54
Report Date: 12/19/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-7
Client ID: AX-PCA25-MW02-12070
SDG: WV6563
Extracted by: KF
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG23812
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IV	430	1.0	500	500	220
	n-Triacontane-D62		95%				
	O-Terphenyl		104%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/07/05
Received Date: 12/08/05
Extraction Date: 12/13/05
Analysis Date: 17-DEC-2005 21:04
Report Date: 12/19/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-8
Client ID: AX-PCA25-MW01-12070
SDG: WV6563
Extracted by: KF
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG23812
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	530	1.0	500	500	220
	n-Triacontane-D62		87%				
	O-Terphenyl		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/07/05
Received Date: 12/08/05
Extraction Date: 12/13/05
Analysis Date: 17-DEC-2005 22:14
Report Date: 12/19/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-9
Client ID: AX-PCA25-MW03-12070
SDG: WV6563
Extracted by: KF
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG23812
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	3600	1.0	500	500	220
	n-Triacontane-D62		85%				
	O-Terphenyl		95%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/07/05
Received Date: 12/08/05
Extraction Date: 12/13/05
Analysis Date: 17-DEC-2005 23:24
Report Date: 12/19/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-10
Client ID: AX-PCA25-MW04-12070
SDG: WV6563
Extracted by: KF
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG23812
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	1800	1.0	500	500	220
	n-Triacontane-D62		81%				
	O-Terphenyl		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/07/05
Received Date: 12/08/05
Extraction Date: 12/13/05
Analysis Date: 18-DEC-2005 00:35
Report Date: 12/19/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-11
Client ID: AX-PCA25-FB01-12070
SDG: WV6563
Extracted by: KF
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG23812
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	590	1.0	500	500	220
	n-Triacontane-D62		100%				
	O-Terphenyl		109%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/07/05
Received Date: 12/08/05
Extraction Date: 12/13/05
Analysis Date: 18-DEC-2005 01:45
Report Date: 12/19/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-12
Client ID: AX-PCA25-EB01-12070
SDG: WV6563
Extracted by: KF
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG23812
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IV	440	1.0	500	500	220
	n-Triacontane-D62		82%				
	O-Terphenyl		97%				

Standards Data Section

FORM 6
FL-PRO INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Instrument ID: GC12 Calibration Date(s): 11/19/05 11/19/05

Column: ZB-1 ID: 0.53 (mm) Calibration Time(s): 1436 1916

LAB FILE ID: RF5: CVK4002 RF20: CVK4003 RF50: CVK4004
RF100: CVK4005 RF200: CVK4006

COMPOUND	RF5	RF20	RF50	RF100	RF200	CURVE	COEFFICENTS A0	A1	%RSD OR R^2	MAX %RSD OR R^2
C-24	12579	57680	184940	369970	752530	LINR	1.99697815	2.635e-004	0.99956	0.99000
C-8	18338	75785	189030	368800	746240	LINR	-7.83e-002	2.685e-004	0.99994	0.99000
C-10	18483	76154	191960	374190	765800	LINR	0.26042469	2.618e-004	0.99986	0.99000
C-12	20271	78236	192490	373170	764990	LINR	-4.16e-002	2.626e-004	0.99981	0.99000
C-14	20774	83134	194350	373730	760380	LINR	-0.6719443	2.646e-004	0.99979	0.99000
C-16	23921	80541	194240	377870	765600	LINR	-0.6549970	2.627e-004	0.99988	0.99000
C-18	21407	76511	193270	378390	766390	LINR	-0.1323092	2.617e-004	0.99994	0.99000
C-28	19307	76981	185190	371740	758110	LINR	0.29165544	2.645e-004	0.99987	0.99000
C-20	20912	76150	190000	375020	760770	LINR	-1.18e-002	2.636e-004	0.99994	0.99000
C-22	19931	75005	188220	376500	765460	LINR	0.34954625	2.617e-004	0.99992	0.99000
FL-PRO peaks C8-C40	355090	1383600	3152600	6305800	1e+007	LINR	-3.9558785	2.663e-004	0.99981	0.99000
C-26	19263	76923	185580	373120	759740	LINR	0.29950645	2.638e-004	0.99989	0.99000
C-38	35252	119420	168860	354160	723760	LINR	-3.6184126	2.831e-004	0.99439	0.99000
C-40	26544	91584	150270	357100	722040	LINR	-0.1267911	2.789e-004	0.99648	0.99000
C-30	22552	78539	188510	375750	761120	LINR	-0.2260476	2.638e-004	0.99991	0.99000
C-32	19177	80538	181970	370090	751350	LINR	4.491e-002	2.671e-004	0.99980	0.99000
C-34	15274	85113	177310	377040	768890	LINR	0.70895020	2.604e-004	0.99930	0.99000
C-36	21097	95253	196380	359200	736670	LINR	-2.0872768	2.751e-004	0.99872	0.99000
O-Terphenyl	4199.60	4038.70	4027.50	4127.00	4257.90	AVRG		4130.11200	2.422	40.000
n-Triacontane-D62	3310.30	3295.20	3112.00	3288.40	3371.60	AVRG		3275.48600	2.965	40.000

FORM VI FL-PRO

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Instrument ID: GC12 Calibration Date: 12/15/05 Time: 1016

Lab File ID: CVL2049 Init. Calib. Date(s): 11/19/05 11/19/05

Init. Calib. Times: 1436 1916

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	56.681000	50.000000	4150.7000	0.01	13.36	25.00	LINR
C-8	53.902000	50.000000	4020.3000	0.01	7.80	25.00	LINR
C-10	52.994000	50.000000	4029.0000	0.01	5.99	25.00	LINR
C-12	51.078000	50.000000	3893.8000	0.01	2.16	25.00	LINR
C-14	51.144000	50.000000	3916.3000	0.01	2.29	25.00	LINR
C-16	53.272000	50.000000	4104.8000	0.01	6.54	25.00	LINR
C-18	54.418000	50.000000	4168.9000	0.01	8.84	25.00	LINR
C-28	57.076000	50.000000	4294.3000	0.01	14.15	25.00	LINR
C-20	54.742000	50.000000	4154.3000	0.01	9.48	25.00	LINR
C-22	55.083000	50.000000	4183.5000	0.01	10.17	25.00	LINR
FL-PRO peaks C8-C40	901.41000	850.00000	4006.8000	0.01	6.05	25.00	LINR
C-26	56.746000	50.000000	4279.2000	0.01	13.49	25.00	LINR
C-38	41.252000	50.000000	3170.2000	0.01	-17.50	25.00	LINR
C-40	41.364000	50.000000	2975.8000	0.01	-17.27	25.00	LINR
C-30	56.803000	50.000000	4323.1000	0.01	13.61	25.00	LINR
C-32	58.236000	50.000000	4357.8000	0.01	16.47	25.00	LINR
C-34	59.822000	50.000000	4539.7000	0.01	19.64	25.00	LINR
C-36	46.799000	50.000000	3553.9000	0.01	-6.40	25.00	LINR
O-Terphenyl	4130.1000	4341.0000	4341.0000	0.01	5.11	25.00	AVRG
n-Triacontane-D62	3275.5000	3539.8000	3539.8000	0.01	8.07	25.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Instrument ID: GC12 Calibration Date: 12/16/05 Time: 0616

Lab File ID: CVL2066 Init. Calib. Date(s): 11/19/05 11/19/05

Init. Calib. Times: 1436 1916

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF20.000 or AMOUNT	CCAL RRF20.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
C-24	25.006000	20.000000	4366.2000	0.01	25.03	25.00	LINR	<-
C-8	21.991000	20.000000	4109.2000	0.01	9.96	25.00	LINR	
C-10	23.067000	20.000000	4356.3000	0.01	15.34	25.00	LINR	
C-12	23.128000	20.000000	4412.0000	0.01	15.64	25.00	LINR	
C-14	22.344000	20.000000	4348.8000	0.01	11.72	25.00	LINR	
C-16	22.655000	20.000000	4435.8000	0.01	13.28	25.00	LINR	
C-18	22.904000	20.000000	4401.2000	0.01	14.52	25.00	LINR	
C-28	23.655000	20.000000	4417.0000	0.01	18.28	25.00	LINR	
C-20	23.188000	20.000000	4400.4000	0.01	15.94	25.00	LINR	
C-22	23.504000	20.000000	4424.5000	0.01	17.52	25.00	LINR	
FL-PRO peaks C8-C40	393.31000	340.00000	4386.0000	0.01	15.68	25.00	LINR	
C-26	23.534000	20.000000	4403.4000	0.01	17.67	25.00	LINR	
C-38	20.918000	20.000000	4334.0000	0.01	4.59	25.00	LINR	
C-40	22.200000	20.000000	4003.4000	0.01	11.00	25.00	LINR	
C-30	23.400000	20.000000	4477.4000	0.01	17.00	25.00	LINR	
C-32	23.835000	20.000000	4453.9000	0.01	19.18	25.00	LINR	
C-34	24.889000	20.000000	4642.4000	0.01	24.44	25.00	LINR	
C-36	23.095000	20.000000	4576.7000	0.01	15.48	25.00	LINR	
O-Terphenyl	4130.1000	4690.9000	4690.9000	0.01	13.58	25.00	AVRG	
n-Triacontane-D62	3275.5000	3770.5000	3770.5000	0.01	15.11	25.00	AVRG	

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Instrument ID: GC12 Calibration Date: 12/17/05 Time: 1510

Lab File ID: CVL2068 Init. Calib. Date(s): 11/19/05 11/19/05

Init. Calib. Times: 1436 1916

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	52.916000	50.000000	3864.9000	0.01	5.83	25.00	LINR
C-8	53.042000	50.000000	3956.2000	0.01	6.08	25.00	LINR
C-10	53.447000	50.000000	4063.6000	0.01	6.89	25.00	LINR
C-12	54.814000	50.000000	4178.4000	0.01	9.63	25.00	LINR
C-14	53.530000	50.000000	4096.7000	0.01	7.06	25.00	LINR
C-16	52.284000	50.000000	4029.7000	0.01	4.57	25.00	LINR
C-18	51.454000	50.000000	3942.4000	0.01	2.91	25.00	LINR
C-28	51.309000	50.000000	3858.1000	0.01	2.62	25.00	LINR
C-20	52.102000	50.000000	3953.9000	0.01	4.20	25.00	LINR
C-22	51.122000	50.000000	3880.7000	0.01	2.24	25.00	LINR
FL-PRO peaks C8-C40	865.80000	850.00000	3846.3000	0.01	1.86	25.00	LINR
C-26	51.569000	50.000000	3886.7000	0.01	3.14	25.00	LINR
C-38	43.180000	50.000000	3306.5000	0.01	-13.64	25.00	LINR
C-40	45.783000	50.000000	3292.8000	0.01	-8.43	25.00	LINR
C-30	50.432000	50.000000	3840.1000	0.01	0.86	25.00	LINR
C-32	52.624000	50.000000	3937.5000	0.01	5.25	25.00	LINR
C-34	50.853000	50.000000	3851.0000	0.01	1.71	25.00	LINR
C-36	45.339000	50.000000	3447.8000	0.01	-9.32	25.00	LINR
O-Terphenyl	4130.1000	4020.1000	4020.1000	0.01	-2.66	25.00	AVRG
n-Triacontane-D62	3275.5000	3187.6000	3187.6000	0.01	-2.68	25.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Instrument ID: GC12 Calibration Date: 12/18/05 Time: 0514

Lab File ID: CVL2080 Init. Calib. Date(s): 11/19/05 11/19/05

Init. Calib. Times: 1436 1916

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF20.000 or AMOUNT	CCAL RRF20.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
C-24	18.966000	20.000000	3220.0000	0.01	-5.17	25.00	LINR	
C-8	17.704000	20.000000	3310.8000	0.01	-11.48	25.00	LINR	
C-10	19.806000	20.000000	3733.3000	0.01	-0.97	25.00	LINR	
C-12	18.563000	20.000000	3542.8000	0.01	-7.18	25.00	LINR	
C-14	16.886000	20.000000	3317.6000	0.01	-15.57	25.00	LINR	
C-16	16.664000	20.000000	3295.6000	0.01	-16.68	25.00	LINR	
C-18	16.955000	20.000000	3264.7000	0.01	-15.22	25.00	LINR	
C-28	17.510000	20.000000	3255.3000	0.01	-12.45	25.00	LINR	
C-20	17.114000	20.000000	3248.4000	0.01	-14.43	25.00	LINR	
C-22	17.438000	20.000000	3265.4000	0.01	-12.81	25.00	LINR	
FL-PRO peaks C8-C40	293.72000	340.00000	3287.6000	0.01	-13.61	25.00	LINR	
C-26	17.415000	20.000000	3243.8000	0.01	-12.92	25.00	LINR	
C-38	14.038000	20.000000	3118.8000	0.01	-29.81	25.00	LINR	<-
C-40	14.911000	20.000000	2696.4000	0.01	-25.44	25.00	LINR	<-
C-30	17.367000	20.000000	3334.0000	0.01	-13.16	25.00	LINR	
C-32	17.549000	20.000000	3277.0000	0.01	-12.26	25.00	LINR	
C-34	18.476000	20.000000	3411.3000	0.01	-7.62	25.00	LINR	
C-36	16.362000	20.000000	3353.0000	0.01	-18.19	25.00	LINR	
O-Terphenyl	4130.1000	3504.9000	3504.9000	0.01	-15.14	25.00	AVRG	
n-Triacontane-D62	3275.5000	2787.2000	2787.2000	0.01	-14.91	25.00	AVRG	

FORM VII PEST

Logbooks and Supporting Documents

Katahdin Analytical Services, Inc.
Instrument: GC12 (FID)
Amount Injected 1ul

Reviewed by/ Date:

GC Laboratory Instrument Runlog

Method (circle): EPH(MADEP) / FL PRO

DRO/TPH - 8015Mod. / MDEP 4.1.25 / 8100Mod

Date	Init.	Result File	Sample ID	Y/N	Method	Column	Comments
11/19/05	BAS/PM	CVK2210	WG22232-2RA 3510		FLPB006A	215	
		211					
		CVK4001	Thermal Bleed	Y	FLPB007A		
		2	FLPRO 5ug/ml H1413				
		3	20 H1412				
		4	50 H1411				
		5	100 H1414				
		6	200 H1415				
		7	50ug/ml IND H1416				
		8	WG22232-1 3510				
		9	-2				
11/20/05		10	-3				
		11	WVS1657-1				PRO+SST↑
		12	-2				
		13	-3				
		14	-4				
		15	-5				
		16	-6				
		17	-7				
		18	$MeCl_2$	N			
		19	Thermal Bleed	Y			
		20	FLPRO 50ug/ml H1411				
		21	WVS1658-8 3510				
		22	-9				
		23	-10				
		24	-11				OPL↓
		25	$MeCl_2$	N			
		26	Thermal Bleed	Y			
		27	FLPRO 20ug/ml H1412				
11/21/05	BAS	28	Thermal Bleed	N			

Katahdin Analytical Services, Inc.
Instrument: GC12 (FID)
Amount Injected 1ul

Reviewed by/ Date:

GC Laboratory Instrument Runlog

Method (circle): EPH(MADEP) / FL PRO

DRO/TPH - 8015Mod. / MDEP 4.1.25 / 8100Mod

Date	Init.	Result File	Sample ID	Y/N	Method	Column	Comments
12/3/05	BRS	CVL2034	$MeCl_2$	—	DRO B002A	215	
		35	FO#2 H1430	Y			
		36	Thermal Bleed				
		37	PHC 50ug/ml H1426				
12/4/05		38	Thermal Bleed	N	ARO B004A AUB007A		
		39		Y			
		40	PHC 50ug/ml				
		41	ARO				
		42	LCS 1				Phenomenex testing
		43	2				
		44	3				
		45	PHC 50ug/ml				
		46	ARO				
12/5/05		47	Thermal Bleed	N	FLP B007A		
		48		Y			
		49	FLPRO 50ug/ml H1411				
		50	Thermal Bleed	N			
		51		Y			
		52	GC0285				
		53	288				
		54	289				
		55	WG23712-1 3510	Y			
		56	-2				OTP ↑
		57	-3				OTP, PRO ↑
		58	WV6482-14				
		59	WV6563-1				
		60	-2				
12-16-05		61	-3				
		62	-4				
		63	-5				OTP ↓

Katahdin Analytical Services, Inc.
Instrument: GC12 (FID)
Amount Injected 1 ul

Reviewed by/ Date:

GC Laboratory Instrument Runlog

Method (circle): EPH(MADEP) / FL PRO

DRO/TPH - 8015Mod. / MDEP 4.1.25 / 8100Mod

Date	Init.	Result File	Sample ID	Y/N	Method	Column	Comments
12-16-05	LRS	CVL2064	WV6563-6 3510	Y	FLPB007A	215	
		65	Thermal Bleed				
		66	FLPRO 20ug/mL				
12-17-05	SDW	67	Thermal Bleed	Y			
		68	FLPRO 50ug/mL		FLPB007B		
		69	DG23812-1 3510				
		70	-2				
		71	-3				
		72	WV6563-7				
		73	-8				
		74	-9				
		75	-10				
		76	-11				
		77	-12				
		78	$MeCl_2$	N			
		79	Thermal Bleed	Y			
		80	FLPRO 20ug/ml				
12/19/05	LRS	81	Thermal Bleed		ALIB007A		
		82					

FL PRO SEP

Katahdin Analytical Services, Inc.
Organic Extraction Log

Analysis: FUEL OILS by: SW846/8015M MEDEP 4.1.25 MADEP EPH (FLOPRO) CT ETPH

Extraction: SW846: CLLE/3520 (SEP/3510)

Date QC Started: 12-9-05

QC Expiration Date: 12-23-05

Matrix: AQUEOUS

QC Batch ID:

SURROGATE ID: GC0270X, GC0285

SPIKE ID: GC0268

CLEAN-UP: GC screen, GPC, Florosil, Acid Wash, Other:

Solvent Lot # MeCl2: B32E08

Solvent Lot #

Sample pHs checked prior to extraction: (Y) N

(unpreserved samples should be noted on comments.)

Blanks & LCSs adjusted to pH 2 w/ 1:1 HCl: (Y) N

Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Init.	Comments
Blank-1	12-9-05	TR	WG223712-1	1000 ML	2mL	NR	2mL	12-14-05	FL21 B4	KF	* R43355
LCS-1			-2			2mL			B5		
MS			-3						B6		
MSD	12-13-05	KF	WG223712-1	1000	2mL	NR	2mL	12-16-05	FL21 C2	TR	R43380
Blank-2			-2			2mL			C3		
LCS-2			-3						C4		
Blank-3											
LCS-3											
Blank-4											
LCS-4											
Blank-5											
LCS-5											
Blank-6											
LCS-6											

QAEX110 000007

Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Init.	Comments
1	12-9-05	TR	WG648214	1040 ML	2mL	NR	2mL	12-14-05	FL21 B7	KF	
2			WG6563-1						B8		
3			-2	1050 ML					B9		
4			-3						B10		
5			-4	1060 ML					B11		
6			-5						B12		
7			-6	1040 ML					C1		
8	12-13-05	KF	WG6563-7	1050	2mL	NR	2mL	12-16-05	FL21 C5	TR	5M, emulsion
9			-8						C6		
10			-9						C7		
11			-10						C8		
12			-11						C9		
13			-12						C10		
14											
15											
16											
17											
18											
19											
20											

Reviewed By:

QAEX110 0000078

METALS DATA

Sample Data Section

METALS SAMPLE FLAGGING

FLAG	SPECIFIED MEANING
J	The reported value is estimated because of the presence of interference (as indicated by serial dilution).
J	Spiked sample recovery not within control limits.
J	Duplicate sample analysis not within control limits.
•	Analytical run QC sample (e.g. ICV, CCV, ICB, CCB, ICSA, ICSAB) not within control limits.
U	The analyte was not detected in the sample at a level greater than the instrument detection limit.
I	The analyte was detected in the sample at a concentration greater than the instrument detection limit, but less than the laboratory's Practical Quantitation Level.

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Katahdin Analytical Services

SDG Name: WV6563 **SOW No.** SW846

Client Field ID	Lab Sample ID
JAX-PCA25-EB01-12070	WV6563-012
JAX-PCA25-FB01-12070	WV6563-011
JAX-PCA25-MW01-12070	WV6563-008
JAX-PCA25-MW02-12070	WV6563-007
JAX-PCA25-MW03-12070	WV6563-009
JAX-PCA25-MW04-12070	WV6563-010
JAX-PCA25-MW05-12060	WV6563-001
JAX-PCA25-MW07-12060	WV6563-002
JAX-PCA25-MW09-12070	WV6563-006
JAX-PCA25-MW11-12060	WV6563-003
JAX-PCA25-MW12-12060	WV6563-004
JAX-PCA25-MW13-12060	WV6563-005

Were ICP interelement corrections applied ?	Yes
Were ICP background corrections applied ?	Yes
If yes - were raw data generated before application of background corrections ?	No

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Deborah J. Nadeau Name: Deborah J. Nadeau

Date: 12·28·05 Title: Lab Operations Manager

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** JAX-PCA25-MW05-12060

Matrix: WATER **SDG Name:** WV6563

Percent Solids: 0.00 **Lab Sample ID:** WV6563-001

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-92-1	LEAD, TOTAL	0.22	I		MS	5	5.0	0.05

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** JAX-PCA25-MW07-12060

Matrix: WATER **SDG Name:** WV6563

Percent Solids: 0.00 **Lab Sample ID:** WV6563-002

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-92-1	LEAD, TOTAL	0.15	I		MS	5	5.0	0.05

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** JAX-PCA25-MW11-12060

Matrix: WATER **SDG Name:** WV6563

Percent Solids: 0.00 **Lab Sample ID:** WV6563-003

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-92-1	LEAD, TOTAL	0.18	I		MS	5	5.0	0.05

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** JAX-PCA25-MW12-12060

Matrix: WATER **SDG Name:** WV6563

Percent Solids: 0.00 **Lab Sample ID:** WV6563-004

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-92-1	LEAD, TOTAL	0.25	I		MS	5	5.0	0.05

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** JAX-PCA25-MW13-12060

Matrix: WATER **SDG Name:** WV6563

Percent Solids: 0.00 **Lab Sample ID:** WV6563-005

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-92-1	LEAD, TOTAL	3.2	I		MS	5	5.0	0.05

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** JAX-PCA25-MW09-12070

Matrix: WATER **SDG Name:** WV6563

Percent Solids: 0.00 **Lab Sample ID:** WV6563-006

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-92-1	LEAD, TOTAL	0.35	I		MS	5	5.0	0.05

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** JAX-PCA25-MW02-12070

Matrix: WATER **SDG Name:** WV6563

Percent Solids: 0.00 **Lab Sample ID:** WV6563-007

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-92-1	LEAD, TOTAL	0.57	I		MS	5	5.0	0.05

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** JAX-PCA25-MW01-12070

Matrix: WATER **SDG Name:** WV6563

Percent Solids: 0.00 **Lab Sample ID:** WV6563-008

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-92-1	LEAD, TOTAL	0.32	I		MS	5	5.0	0.05

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** JAX-PCA25-MW03-12070

Matrix: WATER **SDG Name:** WV6563

Percent Solids: 0.00 **Lab Sample ID:** WV6563-009

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-92-1	LEAD, TOTAL	12.2			MS	5	5.0	0.05

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** JAX-PCA25-MW04-12070

Matrix: WATER **SDG Name:** WV6563

Percent Solids: 0.00 **Lab Sample ID:** WV6563-010

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-92-1	LEAD, TOTAL	2.0	I		MS	5	5.0	0.05

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** JAX-PCA25-FB01-12070

Matrix: WATER **SDG Name:** WV6563

Percent Solids: 0.00 **Lab Sample ID:** WV6563-011

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-92-1	LEAD, TOTAL	0.17	I		MS	5	5.0	0.05

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** JAX-PCA25-EB01-12070

Matrix: WATER **SDG Name:** WV6563

Percent Solids: 0.00 **Lab Sample ID:** WV6563-012

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-92-1	LEAD, TOTAL	0.16	I		MS	5	5.0	0.05

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

QC Summary Section

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WV6563

Concentration Units: ug/L

SAMPLE: ICV

File: FVL19D Dec 19, 2005 20:34

Analyte	True	Found	%R (1)
ALUMINUM	400.0	405.60	101.4
CALCIUM	4000.0	4183.00	104.6
IRON	4000.0	4235.00	105.9
LEAD	20.0	18.47	92.3
MAGNESIUM	4000.0	4210.00	105.3
MOLYBDENUM	40.0	40.57	101.4
POTASSIUM	4000.0	4127.00	103.2
SODIUM	4000.0	4181.00	104.5

SAMPLE: CCV

File: FVL19D Dec 19, 2005 21:44

Analyte	True	Found	%R (1)
ALUMINUM	500.0	514.50	102.9
CALCIUM	5000.0	5047.00	100.9
IRON	5000.0	5060.00	101.2
LEAD	25.0	24.19	96.8
MAGNESIUM	5000.0	5049.00	101.0
MOLYBDENUM	25.0	28.73	114.9 •
POTASSIUM	5000.0	5001.00	100.0
SODIUM	5000.0	4969.00	99.4

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WV6563

Concentration Units: ug/L

SAMPLE: CCV

File: FVL19D Dec 19, 2005 22:23

Analyte	True	Found	%R (1)
ALUMINUM	500.0	526.30	105.3
CALCIUM	5000.0	5067.00	101.3
IRON	5000.0	4930.00	98.6
LEAD	25.0	25.11	100.4
MAGNESIUM	5000.0	5200.00	104.0
MOLYBDENUM	25.0	26.08	104.3
POTASSIUM	5000.0	5087.00	101.7
SODIUM	5000.0	5178.00	103.6

SAMPLE: CCV

File: FVL19D Dec 19, 2005 23:56

Analyte	True	Found	%R (1)
ALUMINUM	500.0	540.00	108.0
CALCIUM	5000.0	5139.00	102.8
IRON	5000.0	4790.00	95.8
LEAD	25.0	25.00	100.0
MAGNESIUM	5000.0	5377.00	107.5
MOLYBDENUM	25.0	25.87	103.5
POTASSIUM	5000.0	5090.00	101.8
SODIUM	5000.0	5249.00	105.0

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WV6563

Concentration Units: ug/L

SAMPLE: CCV

File: FVL19D Dec 20, 2005 1:29

Analyte	True	Found	%R (1)
ALUMINUM	500.0	538.20	107.6
CALCIUM	5000.0	5099.00	102.0
IRON	5000.0	4860.00	97.2
LEAD	25.0	24.77	99.1
MAGNESIUM	5000.0	5334.00	106.7
MOLYBDENUM	25.0	26.08	104.3
POTASSIUM	5000.0	5122.00	102.4
SODIUM	5000.0	5282.00	105.6

SAMPLE: CCV

File: FVL19D Dec 20, 2005 3:02

Analyte	True	Found	%R (1)
ALUMINUM	500.0	545.70	109.1
CALCIUM	5000.0	5199.00	104.0
IRON	5000.0	4833.00	96.7
LEAD	25.0	24.89	99.6
MAGNESIUM	5000.0	5404.00	108.1
MOLYBDENUM	25.0	26.07	104.3
POTASSIUM	5000.0	5155.00	103.1
SODIUM	5000.0	5336.00	106.7

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WV6563

Concentration Units: ug/L

SAMPLE: CCV

File: FVL19D Dec 20, 2005 4:35

Analyte	True	Found	%R (1)
ALUMINUM	500.0	540.80	108.2
CALCIUM	5000.0	5102.00	102.0
IRON	5000.0	4874.00	97.5
LEAD	25.0	24.69	98.8
MAGNESIUM	5000.0	5386.00	107.7
MOLYBDENUM	25.0	25.88	103.5
POTASSIUM	5000.0	5104.00	102.1
SODIUM	5000.0	5247.00	104.9

SAMPLE: CCV

File: FVL19D Dec 20, 2005 6:09

Analyte	True	Found	%R (1)
ALUMINUM	500.0	552.60	110.5
CALCIUM	5000.0	5187.00	103.7
IRON	5000.0	4838.00	96.8
LEAD	25.0	24.56	98.2
MAGNESIUM	5000.0	5471.00	109.4
MOLYBDENUM	25.0	25.86	103.4
POTASSIUM	5000.0	5172.00	103.4
SODIUM	5000.0	5393.00	107.9

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WV6563

Concentration Units: ug/L

SAMPLE: CCV

File: FVL19D Dec 20, 2005 7:11

Analyte	True	Found	%R (1)
ALUMINUM	500.0	544.80	109.0
CALCIUM	5000.0	5119.00	102.4
IRON	5000.0	4771.00	95.4
LEAD	25.0	24.61	98.4
MAGNESIUM	5000.0	5394.00	107.9
MOLYBDENUM	25.0	25.98	103.9
POTASSIUM	5000.0	5092.00	101.8
SODIUM	5000.0	5207.00	104.1

SAMPLE: CCV

File: FVL19D Dec 20, 2005 7:57

Analyte	True	Found	%R (1)
ALUMINUM	500.0	552.80	110.6 •
CALCIUM	5000.0	5126.00	102.5
IRON	5000.0	4754.00	95.1
LEAD	25.0	24.46	97.8
MAGNESIUM	5000.0	5344.00	106.9
MOLYBDENUM	25.0	30.14	120.6 •
POTASSIUM	5000.0	5031.00	100.6
SODIUM	5000.0	5242.00	104.8

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2B

CRDL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** WV6563

Concentration Units: ug/L

SAMPLE: CRI

File: FVL19D Dec 19, 2005 21:13

Analyte	TRUE	FOUND	% R
LEAD	6.0	5.41	90.2

SAMPLE: CRI

File: FVL19D Dec 20, 2005 07:26

Analyte	TRUE	FOUND	% R
LEAD	6.0	5.34	89.0

2C

PQL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** WV6563

SAMPLE: PQL

File: FVL19D Dec 19, 2005 20:50 Concentration Units: ug/L

Analyte	TRUE	FOUND	% R
ALUMINUM	60.0	64.04	106.7
CALCIUM	20.0	19.75	98.8
IRON	20.0	18.67	93.4
LEAD	0.2	0.17	85.0
MAGNESIUM	20.0	21.90	109.5
MOLYBDENUM	1.0	0.99	99.0
POTASSIUM	200.0	205.60	102.8
SODIUM	200.0	218.40	109.2

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WV6563

Concentration Units: ug/L

SAMPLE: ICB

File: FVL19D Dec 19, 2005 20:42

Analyte	Result	C
ALUMINUM	3.07	U
CALCIUM	3.44	U
IRON	3.72	U
LEAD	0.01	U
MAGNESIUM	2.62	I
MOLYBDENUM	0.33	I
POTASSIUM	6.41	U
SODIUM	2.85	I

SAMPLE: CCB

File: FVL19D Dec 19, 2005 21:52

Analyte	Result	C
ALUMINUM	5.45	I
CALCIUM	6.54	I
IRON	4.64	I
LEAD	0.02	I
MAGNESIUM	8.32	I
MOLYBDENUM	1.74	I
POTASSIUM	6.41	U
SODIUM	10.27	I

SAMPLE: CCB

File: FVL19D Dec 19, 2005 22:30

Analyte	Result	C
ALUMINUM	3.07	U
CALCIUM	3.44	U
IRON	3.72	U
LEAD	0.01	U
MAGNESIUM	1.61	I
MOLYBDENUM	0.51	I
POTASSIUM	6.41	U
SODIUM	3.92	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WV6563

Concentration Units: ug/L

SAMPLE: CCB

File: FVL19D Dec 20, 2005 0:03

Analyte	Result	C
ALUMINUM	3.07	U
CALCIUM	3.44	U
IRON	3.72	U
LEAD	0.01	U
MAGNESIUM	1.90	I
MOLYBDENUM	0.15	I
POTASSIUM	6.41	U
SODIUM	2.34	I

SAMPLE: CCB

File: FVL19D Dec 20, 2005 1:37

Analyte	Result	C
ALUMINUM	3.07	U
CALCIUM	3.44	U
IRON	3.72	U
LEAD	0.01	U
MAGNESIUM	1.62	I
MOLYBDENUM	0.16	I
POTASSIUM	6.41	U
SODIUM	1.95	U

SAMPLE: CCB

File: FVL19D Dec 20, 2005 3:10

Analyte	Result	C
ALUMINUM	3.07	U
CALCIUM	3.44	U
IRON	3.72	U
LEAD	0.01	U
MAGNESIUM	2.95	I
MOLYBDENUM	0.11	I
POTASSIUM	6.41	U
SODIUM	3.14	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WV6563

Concentration Units: ug/L

SAMPLE: CCB

File: FVL19D Dec 20, 2005 4:43

Analyte	Result	C
ALUMINUM	3.07	U
CALCIUM	3.44	U
IRON	3.72	U
LEAD	0.01	I
MAGNESIUM	2.88	I
MOLYBDENUM	0.10	I
POTASSIUM	6.41	U
SODIUM	2.64	I

SAMPLE: CCB

File: FVL19D Dec 20, 2005 6:16

Analyte	Result	C
ALUMINUM	3.07	U
CALCIUM	3.44	U
IRON	3.72	U
LEAD	0.01	U
MAGNESIUM	1.54	I
MOLYBDENUM	0.09	I
POTASSIUM	6.41	U
SODIUM	2.93	I

SAMPLE: CCB

File: FVL19D Dec 20, 2005 7:19

Analyte	Result	C
ALUMINUM	3.07	U
CALCIUM	3.44	U
IRON	3.72	U
LEAD	0.01	U
MAGNESIUM	1.97	I
MOLYBDENUM	0.12	I
POTASSIUM	6.41	U
SODIUM	2.50	I

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WV6563

Concentration Units: ug/L

SAMPLE: CCB

File: FVL19D Dec 20, 2005 8:05

Analyte	Result	C
ALUMINUM	17.30	I
CALCIUM	15.14	I
IRON	13.75	I
LEAD	0.01	U
MAGNESIUM	19.05	I
MOLYBDENUM	1.96	I
POTASSIUM	17.91	I
SODIUM	21.93	I

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWVL15ICW0

Matrix: WATER **SDG Name:** WV6563

QC Batch ID: VL15ICW0

Concentration Units : ug/L

Analyte	RESULT	C
LEAD	0.196	I

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** WV6563

Concentration Units: ug/L

SAMPLE: ICSA

File: FVL19D Dec 19, 2005 21:21

Analyte	TRUE	FOUND	% R
ALUMINUM	100000	90840	90.8
CALCIUM	100000	99410	99.4
IRON	100000	98630	98.6
LEAD	1	1	
MAGNESIUM	100000	93230	93.2
MOLYBDENUM	2000	1979	99.0
POTASSIUM	100000	93270	93.3
SODIUM	100000	92610	92.6

SAMPLE: ICSAB

File: FVL19D Dec 19, 2005 21:29

Analyte	TRUE	FOUND	% R
ALUMINUM	100000	91790	91.8
CALCIUM	100000	101000	101.0
IRON	100000	100300	100.3
LEAD	1	1	
MAGNESIUM	100000	95040	95.0
MOLYBDENUM	2000	2012	100.6
POTASSIUM	100000	95890	95.9
SODIUM	100000	94890	94.9

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** WV6563

Concentration Units: ug/L

SAMPLE: ICSA

File: FVL19D Dec 20, 2005 07:34

Analyte	TRUE	FOUND	% R
ALUMINUM	100000	94980	95.0
CALCIUM	100000	100600	100.6
IRON	100000	96500	96.5
LEAD	1	1	
MAGNESIUM	100000	97590	97.6
MOLYBDENUM	2000	2032	101.6
POTASSIUM	100000	96530	96.5
SODIUM	100000	96040	96.0

SAMPLE: ICSAB

File: FVL19D Dec 20, 2005 07:42

Analyte	TRUE	FOUND	% R
ALUMINUM	100000	97120	97.1
CALCIUM	100000	102500	102.5
IRON	100000	96970	97.0
LEAD	1	1	
MAGNESIUM	100000	99810	99.8
MOLYBDENUM	2000	2095	104.8
POTASSIUM	100000	98120	98.1
SODIUM	100000	98330	98.3

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LC2WVL15ICW0

Matrix: WATER **SDG Name:** WV6563

QC Batch ID: VL15ICW0

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
LEAD	500.0	480.70	96.1	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSWVL15ICW0

Matrix: WATER **SDG Name:** WV6563

QC Batch ID: VL15ICW0

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
LEAD	500.0	463.10	92.6	80	120

7D

LABORATORY CONTROL SAMPLE DUPLICATES

Lab Name: Katahdin Analytical Services

Matrix: WATER **SDG Name:** WV6563

QC Batch ID: VL15ICW0 **Lab Sample ID:** LCSWVL15ICW0

Concentration Units: ug/L

Analyte	Control Limit (%)	LCS Result	LCS Dup. Result	RPD(%)	Q
LEAD	20.0	463.10	480.70	3.7	

FORM VIID - IN

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** F

Instrument Name: AGILENT 7500 ICP-MS **Date:** 10/3/2005

Concentration Units: ug/L

Analyte	CRDL	IDL	M
LEAD	5.0	0.01	MS

ICP LINEAR RANGES

Lab Name: Katahdin Analytical Services **Instrument Code:** F

Instrument Name: AGILENT 7500 ICP-MS **Date:** 1/17/2003

Concentration Units: ug/L

Analyte	Integration Time (sec)	Linear Range	M
ALUMINUM	0.01	50000	MS
CALCIUM	0.03	100000	MS
IRON	0.03	100000	MS
LEAD	0.10	1000	MS
MAGNESIUM	0.05	100000	MS
MOLYBDENUM	0.10	1000	MS
POTASSIUM	0.01	100000	MS
SODIUM	0.01	100000	MS

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** VL15ICW0

Matrix: WATER **SDG Name:** WV6563

Method: P **Prep Date:** 12/15/2005

Client ID	Lab Sample ID	Initial (L)	Final (L)
LC2WVL15ICW0	LC2WVL15ICW0	0.05	0.05
LCSWVL15ICW0	LCSWVL15ICW0	0.05	0.05
PBWVL15ICW0	PBWVL15ICW0	0.05	0.05
JAX-PCA25-MW05-12060	WV6563-001	0.05	0.05
JAX-PCA25-MW07-12060	WV6563-002	0.05	0.05
JAX-PCA25-MW11-12060	WV6563-003	0.05	0.05
JAX-PCA25-MW12-12060	WV6563-004	0.05	0.05
JAX-PCA25-MW13-12060	WV6563-005	0.05	0.05
JAX-PCA25-MW09-12070	WV6563-006	0.05	0.05
JAX-PCA25-MW02-12070	WV6563-007	0.05	0.05
JAX-PCA25-MW01-12070	WV6563-008	0.05	0.05
JAX-PCA25-MW03-12070	WV6563-009	0.05	0.05
JAX-PCA25-MW04-12070	WV6563-010	0.05	0.05
JAX-PCA25-FB01-12070	WV6563-011	0.05	0.05
JAX-PCA25-EB01-12070	WV6563-012	0.05	0.05

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WV6563

Instrument ID: AGILENT 7500 ICP-MS **File Name:** FVL19D

Date: 12/19/2005 **Method:** MS

Lab Sample ID	Client ID	D.F.	Time	Elements					
Cal Blank		1	19:48	Al	Ca	Fe Pb Mg	Mo	K	Na
Cal Std 1		1	19:56	Al	Ca	Fe Pb Mg	Mo	K	Na
Cal Std 2		1	20:03	Al	Ca	Fe Pb Mg	Mo	K	Na
Cal Std 3		1	20:11	Al	Ca	Fe Pb Mg	Mo	K	Na
Cal Std 4		1	20:19	Al	Ca	Fe Pb Mg	Mo	K	Na
Blank		1	20:27	Al	Ca	Fe Pb Mg	Mo	K	Na
ICV		1	20:34	Al	Ca	Fe Pb Mg	Mo	K	Na
ICB		1	20:42	Al	Ca	Fe Pb Mg	Mo	K	Na
PQL		1	20:50	Al	Ca	Fe Pb Mg	Mo	K	Na
ZZZZZZ		1	20:58						
Blank		1	21:05	Al	Ca	Fe Pb Mg	Mo	K	Na
CRI		5	21:13	Al	Ca	Fe Pb Mg	Mo	K	Na
ICSA		1	21:21	Al	Ca	Fe Pb Mg	Mo	K	Na
ICSAB		1	21:29	Al	Ca	Fe Pb Mg	Mo	K	Na
Blank		1	21:36	Al	Ca	Fe Pb Mg	Mo	K	Na
CCV		1	21:44	Al	Ca	Fe Pb Mg	Mo	K	Na
CCB		1	21:52	Al	Ca	Fe Pb Mg	Mo	K	Na
ZZZZZZ		1	21:59						
ZZZZZZ		1	22:07						
ZZZZZZ		1	22:15						
CCV		1	22:23	Al	Ca	Fe Pb Mg	Mo	K	Na
CCB		1	22:30	Al	Ca	Fe Pb Mg	Mo	K	Na
LC2WVL15ICW0		10	22:38			Pb			
LCSWVL15ICW0		10	22:46			Pb			
ZZZZZZ		1	22:54						
PBWVL15ICW0		5	23:01			Pb			
WV6563-001	JAX-PCA25-MW05-12060	5	23:09			Pb			
WV6563-002	JAX-PCA25-MW07-12060	5	23:17			Pb			
WV6563-003	JAX-PCA25-MW11-12060	5	23:25			Pb			
WV6563-004	JAX-PCA25-MW12-12060	5	23:32			Pb			
WV6563-005	JAX-PCA25-MW13-12060	5	23:40			Pb			
WV6563-006	JAX-PCA25-MW09-12070	5	23:48			Pb			
CCV		1	23:56	Al	Ca	Fe Pb Mg	Mo	K	Na
CCB		1	0:03	Al	Ca	Fe Pb Mg	Mo	K	Na
WV6563-007	JAX-PCA25-MW02-12070	5	0:11			Pb			
WV6563-008	JAX-PCA25-MW01-12070	5	0:19			Pb			
WV6563-009	JAX-PCA25-MW03-12070	5	0:27			Pb			
WV6563-010	JAX-PCA25-MW04-12070	5	0:34			Pb			
WV6563-011	JAX-PCA25-FB01-12070	5	0:42			Pb			
WV6563-012	JAX-PCA25-EB01-12070	5	0:50			Pb			
ZZZZZZ		10	0:58						
ZZZZZZ		10	1:05						
ZZZZZZ		1	1:13						
ZZZZZZ		5	1:21						
CCV		1	1:29	Al	Ca	Fe Pb Mg	Mo	K	Na
CCB		1	1:37	Al	Ca	Fe Pb Mg	Mo	K	Na
ZZZZZZ		5	1:44						
ZZZZZZ		10	1:52						
ZZZZZZ		10	2:00						
ZZZZZZ		1	2:08						

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WV6563

Instrument ID: AGILENT 7500 ICP-MS **File Name:** FVL19D

Date: 12/20/2005 **Method:** MS

Lab Sample ID	Client ID	D.F.	Time	Elements					
ZZZZZZ		5	2:15						
ZZZZZZ		5	2:23						
ZZZZZZ		5	2:31						
ZZZZZZ		5	2:39						
ZZZZZZ		5	2:47						
ZZZZZZ		5	2:54						
CCV		1	3:02	Al	Ca	Fe Pb Mg	Mo	K	Na
CCB		1	3:10	Al	Ca	Fe Pb Mg	Mo	K	Na
ZZZZZZ		5	3:18						
ZZZZZZ		5	3:25						
ZZZZZZ		5	3:33						
ZZZZZZ		5	3:41						
ZZZZZZ		5	3:49						
ZZZZZZ		10	3:56						
ZZZZZZ		10	4:04						
ZZZZZZ		1	4:12						
ZZZZZZ		5	4:20						
ZZZZZZ		5	4:28						
CCV		1	4:35	Al	Ca	Fe Pb Mg	Mo	K	Na
CCB		1	4:43	Al	Ca	Fe Pb Mg	Mo	K	Na
ZZZZZZ		5	4:51						
ZZZZZZ		5	4:59						
ZZZZZZ		5	5:06						
ZZZZZZ		5	5:14						
ZZZZZZ		5	5:22						
ZZZZZZ		5	5:30						
ZZZZZZ		5	5:37						
ZZZZZZ		5	5:45						
ZZZZZZ		5	5:53						
ZZZZZZ		5	6:01						
CCV		1	6:09	Al	Ca	Fe Pb Mg	Mo	K	Na
CCB		1	6:16	Al	Ca	Fe Pb Mg	Mo	K	Na
ZZZZZZ		5	6:24						
ZZZZZZ		5	6:32						
ZZZZZZ		5	6:40						
ZZZZZZ		5	6:47						
ZZZZZZ		10	6:55						
ZZZZZZ		10	7:03						
CCV		1	7:11	Al	Ca	Fe Pb Mg	Mo	K	Na
CCB		1	7:19	Al	Ca	Fe Pb Mg	Mo	K	Na
CRI		5	7:26	Al	Ca	Fe Pb Mg	Mo	K	Na
ICSA		1	7:34	Al	Ca	Fe Pb Mg	Mo	K	Na
ICSAB		1	7:42	Al	Ca	Fe Pb Mg	Mo	K	Na
Blank		1	7:49	Al	Ca	Fe Pb Mg	Mo	K	Na
CCV		1	7:57	Al	Ca	Fe Pb Mg	Mo	K	Na
CCB		1	8:05	Al	Ca	Fe Pb Mg	Mo	K	Na

FORM XIV - IN

Logbooks and Supporting Documents

Katahdin Analytical Services, Inc. **Metals Preparation Benchsheet**

Reagent Information:

JT Baker HNO3: B44035 JT Baker HCL: B33039 Ashland H2O2: N/A

Method: 3010

Standards/Spiking Information:

I.V. CLPP-SPK-1 (ID/Vol): MS1325 / 0.05 ml N/A : N/A

CLPP-SPK-INT1 (ID/Vol): MW9512 / 0.5 ml Hot Plate No. : Block

CLPP-SPK-INT2 (ID/Vol): MW9494 / 0.5 ml Temp.: 95 °C

Y-SPK (ID/Vol): MS1332 / 0.05 ml

REVIEWED
SA 12-15-05
KATAHDIN ANALYTICAL
METALS SECTION

Spiking Witnessed by: N/A

Sample ID	Batch ID	Initial Wt/Vol	Initial Units	Final Vol	Final Units	MX	Meth	Anal.	Date	Initial Color	Initial Clarity	Final Color	Final Clarity	Artifacts	Bottle
LC2WVL15ICW0	VL15ICW0	0.05	L	0.05	L	AQ	IC	JWM	12/15/2005	N/A	N/A	N/A	N/A	N/A	N/A
LCSWVL15ICW0	VL15ICW0		L		L	AQ	IC	JWM	12/15/2005	N/A	N/A	N/A	N/A	N/A	N/A
PBT696A	VL15ICW0		L		L	AQ	IC	JWM	12/15/2005	N/A	N/A	N/A	N/A		
PBWVL15ICW0	VL15ICW0		L		L	AQ	IC	JWM	12/15/2005	N/A	N/A	N/A	N/A		
WV6544-001T	VL15ICW0		L		L	AQ	IC	JWM	12/15/2005						
WV6563-001	VL15ICW0		L		L	AQ	IC	JWM	12/15/2005						
WV6563-002	VL15ICW0		L		L	AQ	IC	JWM	12/15/2005						
WV6563-003	VL15ICW0		L		L	AQ	IC	JWM	12/15/2005						
WV6563-004	VL15ICW0		L		L	AQ	IC	JWM	12/15/2005						
WV6563-005	VL15ICW0		L		L	AQ	IC	JWM	12/15/2005						
WV6563-006	VL15ICW0		L		L	AQ	IC	JWM	12/15/2005						
WV6563-007	VL15ICW0		L		L	AQ	IC	JWM	12/15/2005						
WV6563-008	VL15ICW0		L		L	AQ	IC	JWM	12/15/2005						
WV6563-009	VL15ICW0		L		L	AQ	IC	JWM	12/15/2005						
WV6563-010	VL15ICW0		L		L	AQ	IC	JWM	12/15/2005						
WV6563-011	VL15ICW0		L		L	AQ	IC	JWM	12/15/2005						
WV6563-012	VL15ICW0		L		L	AQ	IC	JWM	12/15/2005						
WV6642-001	VL15ICW0		L		L	AQ	IC	JWM	12/15/2005						
WV6642-002	VL15ICW0		L		L	AQ	IC	JWM	12/15/2005						
WV6642-003	VL15ICW0		L		L	AQ	IC	JWM	12/15/2005						
WV6642-004	VL15ICW0		L		L	AQ	IC	JWM	12/15/2005						
WV6642-005	VL15ICW0		L		L	AQ	IC	JWM	12/15/2005						
WV6642-006	VL15ICW0		L		L	AQ	IC	JWM	12/15/2005						

JWM 12/15/05

Digestion performed by: JWM On: 12/15/05

Page: VL046 Revision: 00

Katahdin Analytical Services 4000041

ETHYLENE DIBROMIDE DATA

QC Summary Section

FORM 2
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

GC Column(1): SPB 608 ID: 0.53 (mm) GC Column(2): RTX-CLP IIID: 0.53 (mm)

	CLIENT SAMPLE ID	LAB SAMPLE ID	TCX1 REC#	TCX2 REC#	S2 1 REC#	S2 2 REC#	S3 1 REC#	S3 2 REC#	TOT OUT
01	WG23818-BLANK	WG23818-1	322J	281J					2
02	WG23818-LCS	WG23818-2	274J	253J					2
03	WG23818-LCSD	WG23818-3	249J	230J					2
04	AX-PCA25-MW05-12060	WV6563-1	132J	130J					2
05	AX-PCA25-MW07-12060	WV6563-2	119	117					0
06	AX-PCA25-MW11-12060	WV6563-3	174J	167J					2
07	AX-PCA25-MW12-12060	WV6563-4	218J	213J					2
08	AX-PCA25-MW13-12060	WV6563-5	136J	134J					2
09	AX-PCA25-MW09-12070	WV6563-6	409J	406J					2
10	AX-PCA25-MW02-12070	WV6563-7	104	105					0
11	AX-PCA25-MW01-12070	WV6563-8	122	124					0
12	AX-PCA25-MW03-12070	WV6563-9	172J	189J					2
13	AX-PCA25-MW04-12070	WV6563-10	94	95					0
14	AX-PCA25-FB01-12070	WV6563-11	96	96					0
15	AX-PCA25-EB01-12070	WV6563-12	67	69					0
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									

ADVISORY
QC LIMITS
S1 (TCX) = Tetrachloro-M-Xylene (57-128)

Column to be used to flag recovery values
J Values outside of QC limits
D Surrogate diluted out

FORM II PEST-1

FORM 4

PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG23818-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Lab Sample ID: WG23818-1 Lab File ID: 3VL1060

Matrix (soil/water) WATER Extraction:(SepF/Cont/Sonc) 504.1

Sulfur Cleanup: (Y/N) N Date Extracted: 12/14/05

Date Analyzed (1): 12/15/05 Date Analyzed (2): 12/15/05

Time Analyzed (1): 1253 Time Analyzed (2): 1253

Instrument ID (1): GC03 Instrument ID (2): GC03

GC Column (1): SPB 608 ID: 0.53(mm) GC Column (2): RTX-CLP II ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	WG23818-LCS	WG23818-2	3VL1061	12/15/05	12/15/05
02	WG23818-LCSD	WG23818-3	3VL1062	12/15/05	12/15/05
03	AX-PCA25-MW05-12060	WV6563-1	3VL1064	12/15/05	12/15/05
04	AX-PCA25-MW07-12060	WV6563-2	3VL1065	12/15/05	12/15/05
05	AX-PCA25-MW11-12060	WV6563-3	3VL1066	12/15/05	12/15/05
06	AX-PCA25-MW12-12060	WV6563-4	3VL1067	12/15/05	12/15/05
07	AX-PCA25-MW13-12060	WV6563-5	3VL1068	12/15/05	12/15/05
08	AX-PCA25-MW09-12070	WV6563-6	3VL1069	12/15/05	12/15/05
09	AX-PCA25-MW02-12070	WV6563-7	3VL1070	12/15/05	12/15/05
10	AX-PCA25-MW01-12070	WV6563-8	3VL1071	12/15/05	12/15/05
11	AX-PCA25-MW03-12070	WV6563-9	3VL1072	12/15/05	12/15/05
12	AX-PCA25-MW04-12070	WV6563-10	3VL1073	12/15/05	12/15/05
13	AX-PCA25-FB01-12070	WV6563-11	3VL1074	12/15/05	12/15/05
14	AX-PCA25-EB01-12070	WV6563-12	3VL1075	12/15/05	12/15/05
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

COMMENTS:

FORM IV PEST

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date: 12/14/05
Analysis Date: 15-DEC-2005 12:53
Report Date: 12/20/2005
Matrix: WATER
% Solids: NA

Lab ID: WG23818-1
Client ID: WG23818-Blank
SDG: WV6563
Extracted by: LRS
Extraction Method: 504.1
Analyst: LRS
Analysis Method: EPA 504.1
Lab Prep Batch: WG23818
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0054	1.0	0.020	0.020	0.0054
877-09-8	Tetrachloro-M-Xylene		J322%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date:
Received Date:
Extraction Date: 12/14/05
Analysis Date: 12/15/05
Report Date: 12/20/2005
Matrix: WATER

Lab ID: WG23818-2 & WG23818-3
Client ID: WG23818-LCS & WG23818-LCSD
SDG: WV6563
Extracted by: LRS
Extraction Method: 504.1
Analyst: LRS
Analysis Method: EPA 504.1
Lab Prep Batch: WG23818
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
1,2-Dibromoethane	0.25	0.25	NA	0.38	0.41	* 151	* 165	9	30	70-130

FORM III PEST-1

3VL1061.d & 3VL1062.d

FORM 8
VOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

GC Column: SPB 608 ID: 0.53 (mm) Init. Calib. Date(s): 12/15/05 12/15/05

Instrument ID: GC03

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 12.19

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	RT #
01		2.5PPM	12/15/05	0748	12.13	
02		1.0PPM	12/15/05	0828	12.17	
03		0.5PPM	12/15/05	0857	12.15	
04		0.25PPM	12/15/05	0927	12.16	
05		0.1PPM	12/15/05	0956	12.16	
06		0.05PPM	12/15/05	1025	12.17	
07		0.01PPM	12/15/05	1055	12.20	
08	WG23818-BLAN	WG23818-1	12/15/05	1253	12.13	
09	WG23818-LCS	WG23818-2	12/15/05	1323	12.13	
10	WG23818-LCSD	WG23818-3	12/15/05	1352	12.13	
11	AX-PCA25-MW0	WV6563-1	12/15/05	1452	12.13	
12	AX-PCA25-MW0	WV6563-2	12/15/05	1521	12.15	
13	AX-PCA25-MW1	WV6563-3	12/15/05	1551	12.13	
14	AX-PCA25-MW1	WV6563-4	12/15/05	1621	12.15	
15	AX-PCA25-MW1	WV6563-5	12/15/05	1650	12.12	
16	AX-PCA25-MW0	WV6563-6	12/15/05	1720	12.08	
17	AX-PCA25-MW0	WV6563-7	12/15/05	1749	12.16	
18	AX-PCA25-MW0	WV6563-8	12/15/05	1819	12.16	
19	AX-PCA25-MW0	WV6563-9	12/15/05	1849	12.13	
20	AX-PCA25-MW0	WV6563-10	12/15/05	1918	12.16	

QC LIMITS
TCX = Tetrachloro-M-Xylene (+/- 0.24 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
VOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

GC Column: SPB 608 ID: 0.53 (mm) Init. Calib. Date(s): 12/15/05 12/15/05

Instrument ID: GC03

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 12.19

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	RT #
01	AX-PCA25-FB0	WV6563-11	12/15/05	1948	12.17	
02	AX-PCA25-EB0	WV6563-12	12/15/05	2017	12.19	
03		0.5PPM	12/15/05	2117	12.19	
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS
TCX = Tetrachloro-M-Xylene (+/- 0.24 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
VOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

GC Column: RTX-CLP II ID: 0.53 (mm) Init. Calib. Date(s): 12/15/05 12/15/05

Instrument ID: GC03

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 11.48

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	RT #
01		2.5PPM	12/15/05	0748	11.48	
02		1.0PPM	12/15/05	0828	11.52	
03		0.5PPM	12/15/05	0857	11.49	
04		0.25PPM	12/15/05	0927	11.52	
05		0.1PPM	12/15/05	0956	11.52	
06		0.05PPM	12/15/05	1025	11.53	
07		0.01PPM	12/15/05	1055	11.56	
08	WG23818-BLAN	WG23818-1	12/15/05	1253	11.48	
09	WG23818-LCS	WG23818-2	12/15/05	1323	11.48	
10	WG23818-LCSD	WG23818-3	12/15/05	1352	11.49	
11	AX-PCA25-MW0	WV6563-1	12/15/05	1452	11.49	
12	AX-PCA25-MW0	WV6563-2	12/15/05	1521	11.49	
13	AX-PCA25-MW1	WV6563-3	12/15/05	1551	11.48	
14	AX-PCA25-MW1	WV6563-4	12/15/05	1621	11.49	
15	AX-PCA25-MW1	WV6563-5	12/15/05	1650	11.47	
16	AX-PCA25-MW0	WV6563-6	12/15/05	1720	11.41	
17	AX-PCA25-MW0	WV6563-7	12/15/05	1749	11.51	
18	AX-PCA25-MW0	WV6563-8	12/15/05	1819	11.52	
19	AX-PCA25-MW0	WV6563-9	12/15/05	1849	11.48	
20	AX-PCA25-MW0	WV6563-10	12/15/05	1918	11.52	

QC LIMITS
TCX = Tetrachloro-M-Xylene (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
VOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

GC Column: RTX-CLP II ID: 0.53 (mm) Init. Calib. Date(s): 12/15/05 12/15/05

Instrument ID: GC03

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 11.48

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	RT #
01	AX-PCA25-FB0	WV6563-11	12/15/05	1948	11.53	
02	AX-PCA25-EB0	WV6563-12	12/15/05	2017	11.53	
03		0.5PPM	12/15/05	2117	11.55	
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS
TCX = Tetrachloro-M-Xylene (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

Sample Data Section

FLORIDA DATA QUALIFIERS

I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
*	Compound recovery outside of quality control limits.
L	Off-scale high. Actual value is known to be greater than value given. To be used when the concentration of the analyte is above the acceptable level for quantitation (exceeds the linear range of highest calibration standard) and the calibration curve is known to exhibit a negative deflection.
J	Estimated value. A justification will be included in the narrative for any result that has been flagged with a "J".
V	Indicates the analyte was detected in the sample and the associated method blank.
N	Presumptive evidence of a compound based on a mass spectral library search.
Q	Sample held beyond the accepted holding time. This code shall be used if the value is derived from a sample that was prepared or analyzed after the approved holding time restrictions for sample preparation or analysis
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/06/05
Received Date: 12/08/05
Extraction Date: 12/14/05
Analysis Date: 15-DEC-2005 14:52
Report Date: 12/20/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-1
Client ID: AX-PCA25-MW05-12060
SDG: WV6563
Extracted by: LRS
Extraction Method: 504.1
Analyst: LRS
Analysis Method: EPA 504.1
Lab Prep Batch: WG23818
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0050	1.0	0.020	0.020	0.0050
877-09-8	Tetrachloro-M-Xylene		J132%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/06/05
Received Date: 12/08/05
Extraction Date: 12/14/05
Analysis Date: 15-DEC-2005 15:21
Report Date: 12/20/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-2
Client ID: AX-PCA25-MW07-12060
SDG: WV6563
Extracted by: LRS
Extraction Method: 504.1
Analyst: LRS
Analysis Method: EPA 504.1
Lab Prep Batch: WG23818
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0050	1.0	0.020	0.020	0.0050
877-09-8	Tetrachloro-M-Xylene		119%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/06/05
Received Date: 12/08/05
Extraction Date: 12/14/05
Analysis Date: 15-DEC-2005 15:51
Report Date: 12/20/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-3
Client ID: AX-PCA25-MW11-12060
SDG: WV6563
Extracted by: LRS
Extraction Method: 504.1
Analyst: LRS
Analysis Method: EPA 504.1
Lab Prep Batch: WG23818
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0050	1.0	0.020	0.020	0.0050
877-09-8	Tetrachloro-M-Xylene		J174%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/06/05
Received Date: 12/08/05
Extraction Date: 12/14/05
Analysis Date: 15-DEC-2005 16:21
Report Date: 12/20/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-4
Client ID: AX-PCA25-MW12-12060
SDG: WV6563
Extracted by: LRS
Extraction Method: 504.1
Analyst: LRS
Analysis Method: EPA 504.1
Lab Prep Batch: WG23818
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0050	1.0	0.020	0.020	0.0050
877-09-8	Tetrachloro-M-Xylene		J218%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/06/05
Received Date: 12/08/05
Extraction Date: 12/14/05
Analysis Date: 15-DEC-2005 16:50
Report Date: 12/20/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-5
Client ID: AX-PCA25-MW13-12060
SDG: WV6563
Extracted by: LRS
Extraction Method: 504.1
Analyst: LRS
Analysis Method: EPA 504.1
Lab Prep Batch: WG23818
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0050	1.0	0.020	0.020	0.0050
877-09-8	Tetrachloro-M-Xylene		J136%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/07/05
Received Date: 12/08/05
Extraction Date: 12/14/05
Analysis Date: 15-DEC-2005 17:20
Report Date: 12/20/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-6
Client ID: AX-PCA25-MW09-12070
SDG: WV6563
Extracted by: LRS
Extraction Method: 504.1
Analyst: LRS
Analysis Method: EPA 504.1
Lab Prep Batch: WG23818
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0051	1.0	0.020	0.020	0.0051
877-09-8	Tetrachloro-M-Xylene		J409%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/07/05
Received Date: 12/08/05
Extraction Date: 12/14/05
Analysis Date: 15-DEC-2005 17:49
Report Date: 12/20/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-7
Client ID: AX-PCA25-MW02-12070
SDG: WV6563
Extracted by: LRS
Extraction Method: 504.1
Analyst: LRS
Analysis Method: EPA 504.1
Lab Prep Batch: WG23818
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0050	1.0	0.020	0.020	0.0050
877-09-8	Tetrachloro-M-Xylene		105%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/07/05
Received Date: 12/08/05
Extraction Date: 12/14/05
Analysis Date: 15-DEC-2005 18:19
Report Date: 12/20/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-8
Client ID: AX-PCA25-MW01-12070
SDG: WV6563
Extracted by: LRS
Extraction Method: 504.1
Analyst: LRS
Analysis Method: EPA 504.1
Lab Prep Batch: WG23818
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0050	1.0	0.020	0.020	0.0050
877-09-8	Tetrachloro-M-Xylene		124%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/07/05
Received Date: 12/08/05
Extraction Date: 12/14/05
Analysis Date: 15-DEC-2005 18:49
Report Date: 12/20/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-9
Client ID: AX-PCA25-MW03-12070
SDG: WV6563
Extracted by: LRS
Extraction Method: 504.1
Analyst: LRS
Analysis Method: EPA 504.1
Lab Prep Batch: WG23818
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0050	1.0	0.020	0.020	0.0050
877-09-8	Tetrachloro-M-Xylene		J189%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/07/05
Received Date: 12/08/05
Extraction Date: 12/14/05
Analysis Date: 15-DEC-2005 19:18
Report Date: 12/20/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-10
Client ID: AX-PCA25-MW04-12070
SDG: WV6563
Extracted by: LRS
Extraction Method: 504.1
Analyst: LRS
Analysis Method: EPA 504.1
Lab Prep Batch: WG23818
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0050	1.0	0.020	0.020	0.0050
877-09-8	Tetrachloro-M-Xylene		95%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/07/05
Received Date: 12/08/05
Extraction Date: 12/14/05
Analysis Date: 15-DEC-2005 19:48
Report Date: 12/20/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-11
Client ID: AX-PCA25-FB01-12070
SDG: WV6563
Extracted by: LRS
Extraction Method: 504.1
Analyst: LRS
Analysis Method: EPA 504.1
Lab Prep Batch: WG23818
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0052	1.0	0.020	0.020	0.0052
877-09-8	Tetrachloro-M-Xylene		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 003 NAS JACKSONVILLE
PO No:
Sample Date: 12/07/05
Received Date: 12/08/05
Extraction Date: 12/14/05
Analysis Date: 15-DEC-2005 20:17
Report Date: 12/20/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6563-12
Client ID: AX-PCA25-EB01-12070
SDG: WV6563
Extracted by: LRS
Extraction Method: 504.1
Analyst: LRS
Analysis Method: EPA 504.1
Lab Prep Batch: WG23818
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0051	1.0	0.020	0.020	0.0051
877-09-8	Tetrachloro-M-Xylene		69%				

Standards Data Section

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Instrument ID: GC03 Calibration Date(s): 12/15/05 12/15/05

Column: SPB 608 ID: 0.53 (mm) Calibration Time(s): 0748 1055

LAB FILE ID: RF0.01: 3VL1056 RF0.05: 3VL1055 RF0.1: 3VL1054
RF0.25: 3VL1053 RF0.5: 3VL1052 RF1: 3VL1051

COMPOUND	RF0.01	RF0.05	RF0.1	RF0.25	RF0.5	RF1	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
1,2-Dibromoethane	32	214	603	1459	3307	4419	2ORDR	1.174e-002	1.251e-004	2.264e-008	0.99992	0.99000
Tetrachloro-M-Xylene	193	1108	1992	2695	4059	4759	2ORDR	6.517e-002	2.218e-004	5.972e-008	0.99854	0.99000

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Instrument ID: GC03 Calibration Date(s): 12/15/05 12/15/05

Column: SPB 608 ID: 0.53 (mm) Calibration Time(s): 0748 1055

RF2.5: 3VL1050

COMPOUND	RF2.5	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
1,2-Dibromoethane	8075	2ORDR	1.174e-002	1.251e-004	2.264e-008	0.99992	0.99000
Tetrachloro-M-Xylene	7422	2ORDR	6.517e-002	2.218e-004	5.972e-008	0.99854	0.99000

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Instrument ID: GC03 Calibration Date(s): 12/15/05 12/15/05

Column: RTX-CLP II ID: 0.53 (mm) Calibration Time(s): 0748 1055

LAB FILE ID: RF0.01: 3VL2056 RF0.05: 3VL2055 RF0.1: 3VL2054
RF0.25: 3VL2053 RF0.5: 3VL2052 RF1: 3VL2051

COMPOUND	RF0.01	RF0.05	RF0.1	RF0.25	RF0.5	RF1	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
1,2-Dibromoethane	24	226	645	1883	3660	5168	2ORDR	1.908e-002	7.945e-005	2.171e-008	0.99977	0.99000
Tetrachloro-M-Xylene	183	1151	2156	2900	4608	5439	2ORDR	8.053e-002	2.056e-004	4.487e-008	0.99865	0.99000

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Instrument ID: GC03 Calibration Date(s): 12/15/05 12/15/05

Column: RTX-CLP II ID: 0.53 (mm) Calibration Time(s): 0748 1055

RF2.5: 3VL2050

COMPOUND	RF2.5	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
1,2-Dibromoethane	9009	2ORDR	1.908e-002	7.945e-005	2.171e-008	0.99977	0.99000
Tetrachloro-M-Xylene	8414	2ORDR	8.053e-002	2.056e-004	4.487e-008	0.99865	0.99000

FORM VI VOA

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Instrument ID: GC03 Calibration Date: 12/15/05 Time: 2117

Lab File ID: 3VL1077 Init. Calib. Date(s): 12/15/05 12/15/05

Init. Calib. Times: 0748 1055

GC Column: SPB 608 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.5000 or AMOUNT	CCAL RRF0.5000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
1,2-Dibromoethane	0.6578000	0.5000000	6502.0000	0.01	31.56	30.00	2RDR	<-
Tetrachloro-M-Xylene	1.3835000	1.2500000	2556.0000	0.01	10.68	30.00	2RDR	

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 003 NAS JACKSONVILLE SDG No.: WV6563

Instrument ID: GC03 Calibration Date: 12/15/05 Time: 2117

Lab File ID: 3VL2077 Init. Calib. Date(s): 12/15/05 12/15/05

Init. Calib. Times: 0748 1055

GC Column: RTX-CLP II ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.5000 or AMOUNT	CCAL RRF0.5000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,2-Dibromoethane	0.5484200	0.5000000	6872.0000	0.01	9.68	30.00	2RDR
Tetrachloro-M-Xylene	1.4036000	1.2500000	2882.4000	0.01	12.29	30.00	2RDR

FORM VII PEST

Logbooks and Supporting Documents

Katahdin Analytical Services, Inc.
Instrument: GC03
Amount Injected 2 mL

Reviewed by/ Date:

GC Laboratory Instrument Runlog

Method: 8151 / 6640B / 504
(circle)

E556

Date	Init.	Result File	Sample ID	MI	Y/N	Method	Column	Comments
12-6-05	SAW	3VL12037	WG23473-3	N	Y	FOR A/B017A	134/208	
		38	WV6382-4		N			® 1:20
		39	WV6413-2					® 1:300
		40	Hexane		N			
		41	WV6413-2DL SAW 12.6.05 ~~WV6382-4DL~~					1:300 10/1000mL 100/300mL ~~1:20 50/1000mL~~ 12-6-05 SAW
		42	WV6382-4DL					1:20 50/1000mL
		43A	WV6413-2DL2		Y			1:100 10/1000mL
		44	WV6382-4DL2					1:10 100/1000mL
		45	10PPM CV					
		46	50 PPM CV					
12/15/05	SAS	47	Prime	N	N	504A/B008A		has DCB with no extended tail min
		48						
		49						
		50	ICAL 25	N	Y			
		51	1.0					
		52	0.5					Did not use
		53	0.25					
		54	0.1					
		55	0.05					
		56	0.01					
		57	QCIND 0.25					
		58	MDL 0.02					
		59	DBCM					
		60	WG23818-1					SS↑
		61	-2					SS/EDB↑
		62	-3					
		63	WV6482-14					
		64	WV6563-1					SS↑
		65	-2					
		66	-3					SS↑

Katahdin Analytical Services, Inc.
Instrument: GC03
Amount Injected 2ul

Reviewed by/ Date:

GC Laboratory Instrument Runlog

Method: 8151 / 6640B / 504
(circle)

Date	Init.	Result File	Sample ID	MI	Y/N	Method	Column	Comments
2/6/05	BRS	3VL12(07	WV65763-4	N	Y	504A/8021A	134/208	SS↑
		68	-5					
		69	-6					SS↑
		70	-7					↓
		71	-8					
		72	-9					
		73	-10					SS↑
		74	-11					
		75	-12					
		76	Hexane					
		77	0.5ppm CV					EDB↑ on A

Katahdin Analytical Services, Inc.
Protocol: EPA 500 Methods
Method: EPA 504.1
Analysis: EDB and DBCP
Matrix: Aqueous

Spike ID's:
CV/ICAL/LCS STD A: P3320
CV/ICAL/LCS STD B: P3321
QC STD C: P3323
SURR STD: P3511 contains DCBnB
DBCM STD: P2781

Reviewed by/ Date:

Cnt.	Date Ext.	Init.	Sample ID	Samp + Vial g.	Vial g.	Sample Amt. mL.	Surr. Vol. uL.	Spk Vol. uL.	Final Vol. mL.	Comments
QC	12/14/05	SRS	ICAL 0.01	NA	NA	35	6.25	B 5	2	
QC			0.05				25	B 25		
QC			0.1				37.5	B 50		
QC			0.25				50	B 125		
QC			0.5				62.5	B 250		
QC			1.0				125	A 50		
QC			2.5				250	A 125		
QC			QC IND 0.25				175	C 125		
QC			MDL 0.02					B 10		
QC			DBCM					DBCM 500		
			WG23818-1					NR		
			-2					125		
			-3							

QAQC145

Reviewed by/ Date:

Cnt.	Date Ext.	Init.	Sample ID	Samp + Vial g.	Vial g.	Sample Amt. mL.	Surr. Vol. uL.	Spk Vol. uL.	Final Vol. mL.	Comments
1	12/14/05	SRS	WV6482-14	63.93	26.58	37.35	125	NR	2	
2			WV6563-1	63.20	25.58	37.62				
3			-2	63.33	25.57	37.76				
4			-3	63.25	25.63	37.62				
5			-4	63.37	25.57	37.80				
6			-5	63.13	25.41	37.72				
7			-6	62.86	25.51	37.35				
8			-7	63.79	25.69	38.10				
9			-8	63.56	25.66	37.90				
10			-9	63.73	25.83	37.90				
11			-10	63.62	25.74	37.88				
12			-11	63.29	26.63	36.66				
13			-12	63.79	26.95	36.84				
14										
15										
16										
17										
18										
19										
20										

QAQC145

Katahdin Analytical Services 0000035

APRIL 2006

Southeast ACCUTEST LABORATORIES

07/15/11

Technical Report for

Tetra-Tech NUS

NAS JAX- PCA 25

112G00132, PO#1007884

Accutest Job Number: F40296

Sampling Date: 04/25/06

Report to:

Tetra-Tech,Inc.

julie.johnson@tetratech.com

ATTN: Tobrena Skeen

Total number of pages in report: **138**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi, Ph.D.
Laboratory Director

Client Service contact: Heather Wandrey 407-425-6700

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.

Test results relate only to samples analyzed.

Accutest Laboratories is the sole authority for authorizing edits or modifications to this document. Unauthorized modification of this report is strictly prohibited.

Table of Contents

-1-

Section 1: Sample Summary **3**
Section 2: Case Narrative/Conformance Summary **4**
Section 3: Sample Results **6**
3.1: F40296-1: JAX-PCA25-MW14-042506 7
3.2: F40296-2: JAX-PCA25-MW15-042506 12
3.3: F40296-3: TRIP BLANK 17
Section 4: Misc. Forms **18**
4.1: Chain of Custody 19
Section 5: GC/MS Volatiles - QC Data Summaries **21**
5.1: Method Blank Summary 22
5.2: Blank Spike Summary 24
5.3: Matrix Spike/Matrix Spike Duplicate Summary 26
5.4: Instrument Performance Checks (BFB) 28
5.5: Internal Standard Area Summaries 32
5.6: Surrogate Recovery Summaries 34
5.7: Initial and Continuing Calibration Summaries 36
Section 6: GC/MS Semi-volatiles - QC Data Summaries **57**
6.1: Method Blank Summary 58
6.2: Blank Spike Summary 59
6.3: Matrix Spike/Matrix Spike Duplicate Summary 60
6.4: Instrument Performance Checks (DFTPP) 61
6.5: Internal Standard Area Summaries 63
6.6: Surrogate Recovery Summaries 64
6.7: Initial and Continuing Calibration Summaries 65
Section 7: GC Volatiles - QC Data Summaries **70**
7.1: Method Blank Summary 71
7.2: Blank Spike Summary 73
7.3: Matrix Spike/Matrix Spike Duplicate Summary 75
7.4: Surrogate Recovery Summaries 76
7.5: GC Surrogate Retention Time Summaries 77
7.6: Initial and Continuing Calibration Summaries 80
Section 8: GC Semi-volatiles - QC Data Summaries **89**
8.1: Method Blank Summary 90
8.2: Blank Spike Summary 92
8.3: Matrix Spike/Matrix Spike Duplicate Summary 93
8.4: Surrogate Recovery Summaries 94
8.5: GC Surrogate Retention Time Summaries 95
8.6: Initial and Continuing Calibration Summaries 99
Section 9: Metals Analysis - QC Data Summaries **110**
9.1: Inst QC MA4940: Pb 111
9.2: Prep QC MP9531: Pb 132
9.3: IDL and Linear Range Summaries 137

Accutest Laboratories

Sample Summary

Tetra-Tech NUS

Job No: F40296

NAS JAX- PCA 25
Project No: 112G00132, PO#1007884

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F40296-1	04/25/06	09:25	AP	04/26/06	AQ	Ground Water	JAX-PCA25-MW14-042506
F40296-2	04/25/06	10:15	AP	04/26/06	AQ	Ground Water	JAX-PCA25-MW15-042506
F40296-3	04/25/06	00:00	AP	04/26/06	SO	Trip Blank Soil	TRIP BLANK

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: Tetra-Tech NUS **Job No:** F40296

Site: NAS JAX- PCA 25 **Report Date:** 5/12/2006 11:06:48

2 Samples and 1 Trip Blank were collected on 04/25/2006 and were received at Accutest on 04/26/2006 properly preserved, at 3 Deg. C and intact. These Samples received an Accutest job number of F40296. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS by Method SW846 8260B

Matrix: AQ **Batch ID:** VN493

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F40273-3MS, F40273-3MSD were used as the QC samples indicated.

F40296-2: Sample was not preserved to a pH < 2; reported results are considered minimum values.

F40296-1: Sample was not preserved to a pH < 2; reported results are considered minimum values.

Matrix: SO **Batch ID:** VG1486

All samples were analyzed within the recommended method holding time.

Samples F40429-1MS, F40429-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Extractables by GCMS by Method SW846 8270C by SIM

Matrix: AQ **Batch ID:** OP16431

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F40239-1MS, F40239-1MSD were used as the QC samples indicated.

RPDs for MSD for Benzo(k)fluoranthene, Fluorene are outside control limits for sample OP16431-MSD. Probable cause due to sample non-homogeneity.

Volatiles by GC by Method EPA 504.1

Matrix: AQ **Batch ID:** OP16460

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F40282-2MS, F40282-2MSD were used as the QC samples indicated.

Matrix Spike and Matrix Spike Duplicate Recoverys for 1,2-Dibromoethane are outside control limits. Dilution required due to matrix interference.

Samples OP16460-MS, OP16460-MSD have surrogates outside control limits. Probable cause: due to matrix interference.

OP16460-MS, OP16460-MSD: Dilution required due to matrix interference.
OP16460-MS, OP16460-MSD for 4-Bromofluorobenzene: Outside control limits due to dilution.

Friday, May 12, 2006

Extractables by GC by Method FLORIDA-PRO

Matrix: AQ **Batch ID:** OP16430

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

Samples F40296-1MS, F40296-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Metals by Method SW846 6010B

Matrix: AQ **Batch ID:** MP9531

All samples were digested within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Samples F40293-1MS, F40293-1MSD, F40293-1SDL, F40293-1DUP were used as the QC samples for metals.

RPD for Duplicate for Lead is outside control limits for sample MP9531-D1. RPD acceptable due to low duplicate and sample concentrations.

RPD for Serial Dilution for Lead is outside control limits for sample MP9531-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Accutest Laboratories Southeast (ALSE) certifies that this report meets the project requirements for analytical data produced for the samples as received at ALSE and as stated on the COC. ALSE certifies that the data meets the Data Quality Objectives for precision, accuracy and completeness as specified in the ALSE Quality Manual except as noted above. This report is to be used in its entirety. ALSE is not responsible for any assumptions of data quality if partial data packages are used.

Narrative prepared by:

_____ Date: May 12, 2006

Ellen Pampel, Inorganic QA (signature on file)

Friday, May 12, 2006

Southeast ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	JAX-PCA25-MW14-042506		
Lab Sample ID:	F40296-1	**Date Sampled:**	04/25/06
Matrix:	AQ - Ground Water	**Date Received:**	04/26/06
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	N0011598.D	1	05/09/06	CS	n/a	n/a	VN493
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	PQL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
1330-20-7	Xylene (total)	1.0 U	3.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		86-115%
17060-07-0	1,2-Dichloroethane-D4	99%		73-126%
2037-26-5	Toluene-D8	95%		86-112%
460-00-4	4-Bromofluorobenzene	90%		83-119%

(a) Sample was not preserved to a pH < 2; reported results are considered minimum values.

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range
I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-MW14-042506		
Lab Sample ID:	F40296-1	**Date Sampled:**	04/25/06
Matrix:	AQ - Ground Water	**Date Received:**	04/26/06
Method:	SW846 8270C BY SIM SW846 3510C	**Percent Solids:**	n/a
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W028623.D	1	05/01/06	NJ	04/28/06	OP16431	SW1502
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	PQL	MDL	Units	Q
83-32-9	Acenaphthene	0.50 U	1.0	0.50	ug/l	
208-96-8	Acenaphthylene	0.50 U	1.0	0.50	ug/l	
120-12-7	Anthracene	0.50 U	1.0	0.50	ug/l	
56-55-3	Benzo(a)anthracene	0.050 U	0.20	0.050	ug/l	
50-32-8	Benzo(a)pyrene	0.10 U	0.20	0.10	ug/l	
205-99-2	Benzo(b)fluoranthene	0.050 U	0.20	0.050	ug/l	
191-24-2	Benzo(g,h,i)perylene	0.10 U	0.20	0.10	ug/l	
207-08-9	Benzo(k)fluoranthene	0.10 U	0.20	0.10	ug/l	
218-01-9	Chrysene	0.10 U	0.20	0.10	ug/l	
53-70-3	Dibenzo(a,h)anthracene	0.050 U	0.20	0.050	ug/l	
206-44-0	Fluoranthene	0.25 U	1.0	0.25	ug/l	
86-73-7	Fluorene	0.25 U	1.0	0.25	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	0.050 U	0.20	0.050	ug/l	
90-12-0	1-Methylnaphthalene	0.25 U	1.0	0.25	ug/l	
91-57-6	2-Methylnaphthalene	0.25 U	1.0	0.25	ug/l	
91-20-3	Naphthalene	0.25 U	1.0	0.25	ug/l	
85-01-8	Phenanthrene	0.50 U	1.0	0.50	ug/l	
129-00-0	Pyrene	0.25 U	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	79%		49-119%
321-60-8	2-Fluorobiphenyl	81%		45-118%
1718-51-0	Terphenyl-d14	87%		46-135%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-MW14-042506		
Lab Sample ID:	F40296-1	**Date Sampled:**	04/25/06
Matrix:	AQ - Ground Water	**Date Received:**	04/26/06
Method:	EPA 504.1 EPA 504	**Percent Solids:**	n/a
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD31241.D	1	05/03/06	KE	05/01/06	OP16460	GDD882
Run #2							

	Initial Volume	Final Volume
Run #1	37.5 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	PQL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.0093 U	0.019	0.0093	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	82%		60-139%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-MW14-042506		
Lab Sample ID:	F40296-1	**Date Sampled:**	04/25/06
Matrix:	AQ - Ground Water	**Date Received:**	04/26/06
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP61063.D	1	04/28/06	VS	04/28/06	OP16430	GOP1690
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	PQL	MDL	Units	Q
	TPH (C8-C40)	0.742	0.25	0.17	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	89%		40-126%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-MW14-042506		
Lab Sample ID:	F40296-1	**Date Sampled:**	04/25/06
Matrix:	AQ - Ground Water	**Date Received:**	04/26/06
		Percent Solids:	n/a
Project:	NAS JAX- PCA 25		

Total Metals Analysis

Analyte	Result	PQL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	3.4 U	10	3.4	ug/l	1	04/28/06	04/28/06	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4940
(2) Prep QC Batch: MP9531

PQL = Practical Quantitation Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < PQL

Report of Analysis

Client Sample ID:	JAX-PCA25-MW15-042506		
Lab Sample ID:	F40296-2	**Date Sampled:**	04/25/06
Matrix:	AQ - Ground Water	**Date Received:**	04/26/06
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	N0011599.D	1	05/09/06	CS	n/a	n/a	VN493
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	PQL	MDL	Units	Q
71-43-2	Benzene	0.50 U	1.0	0.50	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	ug/l	
1330-20-7	Xylene (total)	1.0 U	3.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		86-115%
17060-07-0	1,2-Dichloroethane-D4	98%		73-126%
2037-26-5	Toluene-D8	95%		86-112%
460-00-4	4-Bromofluorobenzene	89%		83-119%

(a) Sample was not preserved to a pH < 2; reported results are considered minimum values.

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range
I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-MW15-042506		
Lab Sample ID:	F40296-2	**Date Sampled:**	04/25/06
Matrix:	AQ - Ground Water	**Date Received:**	04/26/06
Method:	SW846 8270C BY SIM SW846 3510C	**Percent Solids:**	n/a
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W028624.D	1	05/01/06	NJ	04/28/06	OP16431	SW1502
Run #2							

	Initial Volume	Final Volume
Run #1	950 ml	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	PQL	MDL	Units	Q
83-32-9	Acenaphthene	1.2	1.1	0.53	ug/l	
208-96-8	Acenaphthylene	0.53 U	1.1	0.53	ug/l	
120-12-7	Anthracene	0.53 U	1.1	0.53	ug/l	
56-55-3	Benzo(a)anthracene	0.053 U	0.21	0.053	ug/l	
50-32-8	Benzo(a)pyrene	0.11 U	0.21	0.11	ug/l	
205-99-2	Benzo(b)fluoranthene	0.053 U	0.21	0.053	ug/l	
191-24-2	Benzo(g,h,i)perylene	0.11 U	0.21	0.11	ug/l	
207-08-9	Benzo(k)fluoranthene	0.11 U	0.21	0.11	ug/l	
218-01-9	Chrysene	0.11 U	0.21	0.11	ug/l	
53-70-3	Dibenzo(a,h)anthracene	0.053 U	0.21	0.053	ug/l	
206-44-0	Fluoranthene	0.26 U	1.1	0.26	ug/l	
86-73-7	Fluorene	2.0	1.1	0.26	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	0.053 U	0.21	0.053	ug/l	
90-12-0	1-Methylnaphthalene	27.2	1.1	0.26	ug/l	
91-57-6	2-Methylnaphthalene	0.26 U	1.1	0.26	ug/l	
91-20-3	Naphthalene	0.33	1.1	0.26	ug/l	I
85-01-8	Phenanthrene	1.2	1.1	0.53	ug/l	
129-00-0	Pyrene	0.26 U	1.1	0.26	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	72%		49-119%
321-60-8	2-Fluorobiphenyl	75%		45-118%
1718-51-0	Terphenyl-d14	83%		46-135%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-MW15-042506		
Lab Sample ID:	F40296-2	**Date Sampled:**	04/25/06
Matrix:	AQ - Ground Water	**Date Received:**	04/26/06
Method:	EPA 504.1 EPA 504	**Percent Solids:**	n/a
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD31240.D	1	05/03/06	KE	05/01/06	OP16460	GDD882
Run #2							

	Initial Volume	Final Volume
Run #1	35.2 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	PQL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.0099 U	0.020	0.0099	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	95%		60-139%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range
I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-MW15-042506		
Lab Sample ID:	F40296-2	**Date Sampled:**	04/25/06
Matrix:	AQ - Ground Water	**Date Received:**	04/26/06
Method:	FLORIDA-PRO SW846 3510C	**Percent Solids:**	n/a
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OP61068.D	1	04/28/06	VS	04/28/06	OP16430	GOP1690
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	PQL	MDL	Units	Q
	TPH (C8-C40)	1.43	0.25	0.17	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	70%		40-126%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	JAX-PCA25-MW15-042506		
Lab Sample ID:	F40296-2	**Date Sampled:**	04/25/06
Matrix:	AQ - Ground Water	**Date Received:**	04/26/06
		Percent Solids:	n/a
Project:	NAS JAX- PCA 25		

Total Metals Analysis

Analyte	Result	PQL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	3.4 U	10	3.4	ug/l	1	04/28/06	04/28/06	RS	SW846 6010B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA4940
(2) Prep QC Batch: MP9531

PQL = Practical Quantitation Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
I = Indicates a result > = MDL but < PQL

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	F40296-3	**Date Sampled:**	04/25/06
Matrix:	SO - Trip Blank Soil	**Date Received:**	04/26/06
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	NAS JAX- PCA 25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G0038470.D	1	05/04/06	SH	n/a	n/a	VG1486
Run #2							

	Initial Weight
Run #1	5.00 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	PQL	MDL	Units	Q
71-43-2	Benzene	2.0 U	5.0	2.0	ug/kg	
108-88-3	Toluene	2.0 U	5.0	2.0	ug/kg	
100-41-4	Ethylbenzene	2.0 U	5.0	2.0	ug/kg	
1330-20-7	Xylene (total)	5.0 U	15	5.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	2.0 U	5.0	2.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		78-123%
2037-26-5	Toluene-D8	92%		71-137%
460-00-4	4-Bromofluorobenzene	98%		61-157%
17060-07-0	1,2-Dichloroethane-D4	95%		74-125%

U = Not detected MDL - Method Detection Limit
PQL = Practical Quantitation Limit
L = Indicates value exceeds calibration range

I = Result > = MDL but < PQL J = Estimated value
V = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Southeast ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER 3237 F40296 ___ OF ___

PROJECT NO: 112600132	FACILITY: NAS JAX - PCA25	PROJECT MANAGER: GREG ROOF	PHONE NUMBER: 904-636-6125	LABORATORY NAME AND CONTACT: ACCUTEST / HEATHER WANDREY
SAMPLERS (SIGNATURE): Alan Pate		FIELD OPERATIONS LEADER: ALAN PATE	PHONE NUMBER: SAME	ADDRESS: 4405 VINELAND Rd. C-15
		CARRIER/WAYBILL NUMBER: FED EX		CITY, STATE: ORLANDO, FL 32811

STANDARD TAT ☒
RUSH TAT ☐ ☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G): G G P G G
PRESERVATIVE USED: HCL HCL HNO3 — H2SO4

	DATE YEAR 2006	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	BTEX + MTBE (8260/8260)	EDB (504.1)	LEAD (6010)	PAHs (8270 c SIM)	TRPH (FL-PRO)				COMMENTS
1	4/25	0925	JAX-PCA25-MW14-042506				GW	G	11	3	3	1	2	2				COOL TO 4°C
2	4/25	1015	JAX-PCA25-MW15-042506				GW	G	11	3	3	1	2	2				
3			TRIP BLANK															
																		WR # 1007884

1. RELINQUISHED BY: Alan Pate	DATE: 4/25/06	TIME: 1530	1. RECEIVED BY: FX	DATE	TIME
2. RELINQUISHED BY: FX	DATE	TIME	2. RECEIVED BY: Steven Crown	DATE: 4-26-06	TIME: 9:00
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS: 3.0

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R

F40296: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F40296 CLIENT: tetra tech PROJECT: nas Jax - PCA 25

DATE/TIME RECEIVED: 4-26-06/9:00 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 3.0

METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS: 7914-5746-2849

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] CHAIN OF CUSTODY NOT RECEIVED (COC)
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- [ ] TRIP BLANK NOT PROVIDED
- [ ] TRIP BLANK NOT ON COC
- [x] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [ ] RECEIVED WATER TRIP BLANK
- [x] RECEIVED SOIL TRIP BLANK

SAMPLE INFORMATION

- [ ] SAMPLE LABELS PRESENT ON ALL BOTTLES
- [ ] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DON'T MATCH LABEL
- [ ] ID'S ON COC DON'T MATCH LABEL
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING INSTRUCTIONS
- [ ] UNCLEAR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE CONTAINER(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED
- [ ] 5035 FIELD KIT FROZEN WITHIN 48 HOUR'S

MISC. INFORMATION

NUMBER OF ENCORES ? Ø

NUMBER OF 5035 FIELD KITS ? Ø

NUMBER OR LAB FILTERED METALS ? Ø

SUMMARY OF COMMENTS: Received soil trip Blank with coolers

TECHNICIAN SIGNATURE/DATE: [signature] 4-26-06 TECHNICIAN SIGNATURE/DATE

ASRD00/07/00

4.1

4

F40296: Chain of Custody
Page 2 of 2

Southeast ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Internal Standard Area Summaries
- Surrogate Recovery Summaries
- Initial and Continuing Calibration Summaries

Method Blank Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG1486-MB	G0038469.D	1	05/04/06	SH	n/a	n/a	VG1486

The QC reported here applies to the following samples: **Method:** SW846 8260B

F40296-3

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	2.0	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	2.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	2.0	ug/kg	
108-88-3	Toluene	ND	5.0	2.0	ug/kg	
1330-20-7	Xylene (total)	ND	15	5.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	101%	78-123%
2037-26-5	Toluene-D8	94%	71-137%
460-00-4	4-Bromofluorobenzene	99%	61-157%
17060-07-0	1,2-Dichloroethane-D4	93%	74-125%

Method Blank Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN493-MB	N0011584.D	1	05/09/06	CS	n/a	n/a	VN493

The QC reported here applies to the following samples: **Method:** SW846 8260B

F40296-1, F40296-2

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
1330-20-7	Xylene (total)	ND	3.0	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	104%	86-115%
17060-07-0	1,2-Dichloroethane-D4	99%	73-126%
2037-26-5	Toluene-D8	96%	86-112%
460-00-4	4-Bromofluorobenzene	94%	83-119%

Blank Spike Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG1486-BS	G0038468.D	1	05/04/06	SH	n/a	n/a	VG1486

The QC reported here applies to the following samples: **Method:** SW846 8260B

F40296-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	54.2	108	74-124
100-41-4	Ethylbenzene	50	53.9	108	77-120
1634-04-4	Methyl Tert Butyl Ether	50	56.7	113	77-131
108-88-3	Toluene	50	54.2	108	74-118
1330-20-7	Xylene (total)	150	165	110	78-122

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	102%	78-123%
2037-26-5	Toluene-D8	95%	71-137%
460-00-4	4-Bromofluorobenzene	96%	61-157%
17060-07-0	1,2-Dichloroethane-D4	104%	74-125%

Blank Spike Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN493-BS	N0011583.D	1	05/09/06	CS	n/a	n/a	VN493

The QC reported here applies to the following samples: **Method:** SW846 8260B

F40296-1, F40296-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	25.1	100	80-120
100-41-4	Ethylbenzene	25	23.9	96	82-115
1634-04-4	Methyl Tert Butyl Ether	25	21.3	85	67-127
108-88-3	Toluene	25	23.4	94	81-114
1330-20-7	Xylene (total)	75	70.3	94	81-118

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	103%	86-115%
17060-07-0	1,2-Dichloroethane-D4	98%	73-126%
2037-26-5	Toluene-D8	93%	86-112%
460-00-4	4-Bromofluorobenzene	89%	83-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F40429-1MS	G0038472.D	1	05/04/06	SH	n/a	n/a	VG1486
F40429-1MSD	G0038473.D	1	05/04/06	SH	n/a	n/a	VG1486
F40429-1	G0038471.D	1	05/04/06	SH	n/a	n/a	VG1486

The QC reported here applies to the following samples: **Method:** SW846 8260B

F40296-3

CAS No.	Compound	F40429-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		62.8	67.2	107	62.0	99	8	63-135/23
100-41-4	Ethylbenzene	ND		62.8	66.7	106	61.1	98	9	63-142/25
1634-04-4	Methyl Tert Butyl Ether	ND		62.8	58.5	93	56.6	91	3	53-122/28
108-88-3	Toluene	4.0	J	62.8	67.4	101	61.7	92	9	62-142/29
1330-20-7	Xylene (total)	ND		188	205	109	186	99	10	64-142/24

CAS No.	Surrogate Recoveries	MS	MSD	F40429-1	Limits
1868-53-7	Dibromofluoromethane	102%	101%	98%	78-123%
2037-26-5	Toluene-D8	99%	98%	95%	71-137%
460-00-4	4-Bromofluorobenzene	100%	102%	103%	61-157%
17060-07-0	1,2-Dichloroethane-D4	95%	97%	96%	74-125%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F40273-3MS	N0011593.D	200	05/09/06	CS	n/a	n/a	VN493
F40273-3MSD	N0011594.D	200	05/09/06	CS	n/a	n/a	VN493
F40273-3	N0011587.D	200	05/09/06	CS	n/a	n/a	VN493

The QC reported here applies to the following samples: **Method:** SW846 8260B

F40296-1, F40296-2

CAS No.	Compound	F40273-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	200	U	5000	4920	98	4750	95	4	72-125/7
100-41-4	Ethylbenzene	200	U	5000	4600	92	4530	91	2	73-119/8
1634-04-4	Methyl Tert Butyl Ether	200	U	5000	4200	84	4290	86	2	61-129/9
108-88-3	Toluene	200	U	5000	4420	88	4370	87	1	67-123/8
1330-20-7	Xylene (total)	600	U	15000	13500	90	13300	89	1	73-122/7

CAS No.	Surrogate Recoveries	MS	MSD	F40273-3	Limits
1868-53-7	Dibromofluoromethane	104%	105%	105%	86-115%
17060-07-0	1,2-Dichloroethane-D4	98%	99%	99%	73-126%
2037-26-5	Toluene-D8	90%	91%	97%	86-112%
460-00-4	4-Bromofluorobenzene	85%	86%	93%	83-119%

Instrument Performance Check (BFB)

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VG1484-BFB
Lab File ID: G0038426.D
Instrument ID: GCMSG
Injection Date: 05/02/06
Injection Time: 12:45

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	36746	21.7		Pass
75	30.0 - 60.0% of mass 95	84240	49.7		Pass
95	Base peak, 100% relative abundance	169589	100.0		Pass
96	5.0 - 9.0% of mass 95	11683	6.9		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 100.0% of mass 95	136326	80.4		Pass
175	5.0 - 9.0% of mass 174	10228	6.0	(7.5) [a]	Pass
176	95.0 - 101.0% of mass 174	132793	78.3	(97.4) [a]	Pass
177	5.0 - 9.0% of mass 176	8548	5.0	(6.4) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VG1484-IC1484	G0038427.D	05/02/06	13:41	00:56	Initial cal 1
VG1484-IC1484	G0038428.D	05/02/06	14:09	01:24	Initial cal 2
VG1484-IC1484	G0038429.D	05/02/06	14:37	01:52	Initial cal 3
VG1484-ICC1484	G0038430.D	05/02/06	15:05	02:20	Initial cal 4
VG1484-IC1484	G0038431.D	05/02/06	15:33	02:48	Initial cal 5
VG1484-IC1484	G0038432.D	05/02/06	16:01	03:16	Initial cal 6
VG1484-ICV1484	G0038433.D	05/02/06	17:05	04:20	Initial cal verification 3

Instrument Performance Check (BFB)

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VG1486-BFB
Lab File ID: G0038466.D
Instrument ID: GCMSG
Injection Date: 05/04/06
Injection Time: 09:52

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	42532	20.3		Pass
75	30.0 - 60.0% of mass 95	96336	46.1		Pass
95	Base peak, 100% relative abundance	209193	100.0		Pass
96	5.0 - 9.0% of mass 95	14616	7.0		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 100.0% of mass 95	168708	80.6		Pass
175	5.0 - 9.0% of mass 174	13535	6.5	(8.0) [a]	Pass
176	95.0 - 101.0% of mass 174	165918	79.3	(98.3) [a]	Pass
177	5.0 - 9.0% of mass 176	10941	5.2	(6.6) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VG1486-CC1484	G0038467.D	05/04/06	10:18	00:26	Continuing cal 4
VG1486-BS	G0038468.D	05/04/06	11:07	01:15	Blank Spike
VG1486-MB	G0038469.D	05/04/06	11:35	01:43	Method Blank
F40296-3	G0038470.D	05/04/06	12:03	02:11	TRIP BLANK
F40429-1	G0038471.D	05/04/06	12:30	02:38	(used for QC only; not part of job F40296)
F40429-1MS	G0038472.D	05/04/06	12:58	03:06	Matrix Spike
F40429-1MSD	G0038473.D	05/04/06	13:26	03:34	Matrix Spike Duplicate
ZZZZZZ	G0038474.D	05/04/06	13:54	04:02	(unrelated sample)
ZZZZZZ	G0038475.D	05/04/06	14:22	04:30	(unrelated sample)
ZZZZZZ	G0038476.D	05/04/06	14:50	04:58	(unrelated sample)
ZZZZZZ	G0038477.D	05/04/06	15:18	05:26	(unrelated sample)
ZZZZZZ	G0038478.D	05/04/06	15:47	05:55	(unrelated sample)
ZZZZZZ	G0038479.D	05/04/06	16:15	06:23	(unrelated sample)
ZZZZZZ	G0038480.D	05/04/06	16:43	06:51	(unrelated sample)
ZZZZZZ	G0038481.D	05/04/06	17:11	07:19	(unrelated sample)
ZZZZZZ	G0038482.D	05/04/06	17:39	07:47	(unrelated sample)
ZZZZZZ	G0038483.D	05/04/06	18:08	08:16	(unrelated sample)
ZZZZZZ	G0038485.D	05/04/06	19:04	09:12	(unrelated sample)
ZZZZZZ	G0038487.D	05/04/06	20:00	10:08	(unrelated sample)
ZZZZZZ	G0038489.D	05/04/06	20:56	11:04	(unrelated sample)
ZZZZZZ	G0038490.D	05/04/06	21:24	11:32	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VN480-BFB
Lab File ID: N0011304.D
Instrument ID: GCMSN
Injection Date: 04/26/06
Injection Time: 08:35

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	20261	18.4		Pass
75	30.0 - 60.0% of mass 95	51778	46.9		Pass
95	Base peak, 100% relative abundance	110306	100.0		Pass
96	5.0 - 9.0% of mass 95	7411	6.7		Pass
173	Less than 2.0% of mass 174	529	0.48	(0.6) [a]	Pass
174	50.0 - 100.0% of mass 95	88413	80.2		Pass
175	5.0 - 9.0% of mass 174	6521	5.9	(7.4) [a]	Pass
176	95.0 - 101.0% of mass 174	87480	79.3	(98.9) [a]	Pass
177	5.0 - 9.0% of mass 176	5902	5.4	(6.7) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VN480-IC480	N0011305.D	04/26/06	11:48	03:13	Initial cal 1
VN480-IC480	N0011306.D	04/26/06	12:17	03:42	Initial cal 2
VN480-IC480	N0011307.D	04/26/06	12:45	04:10	Initial cal 3
VN480-ICC480	N0011308.D	04/26/06	13:14	04:39	Initial cal 4
VN480-IC480	N0011309.D	04/26/06	13:43	05:08	Initial cal 5
VN480-IC480	N0011310.D	04/26/06	14:12	05:37	Initial cal 6
VN480-ICV480	N0011311.D	04/26/06	14:40	06:05	Initial cal verification 4

Instrument Performance Check (BFB)

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VN493-BFB
Lab File ID: N0011581.D
Instrument ID: GCMSN
Injection Date: 05/09/06
Injection Time: 08:49

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	17370	19.4		Pass
75	30.0 - 60.0% of mass 95	41058	45.8		Pass
95	Base peak, 100% relative abundance	89610	100.0		Pass
96	5.0 - 9.0% of mass 95	5922	6.6		Pass
173	Less than 2.0% of mass 174	443	0.49	(0.59) [a]	Pass
174	50.0 - 100.0% of mass 95	74581	83.2		Pass
175	5.0 - 9.0% of mass 174	5624	6.3	(7.5) [a]	Pass
176	95.0 - 101.0% of mass 174	72605	81.0	(97.4) [a]	Pass
177	5.0 - 9.0% of mass 176	4896	5.5	(6.7) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VN493-CC480	N0011582.D	05/09/06	09:15	00:26	Continuing cal 4
VN493-BS	N0011583.D	05/09/06	09:43	00:54	Blank Spike
VN493-MB	N0011584.D	05/09/06	10:11	01:22	Method Blank
ZZZZZZ	N0011585.D	05/09/06	10:39	01:50	(unrelated sample)
ZZZZZZ	N0011586.D	05/09/06	11:08	02:19	(unrelated sample)
F40273-3	N0011587.D	05/09/06	11:36	02:47	(used for QC only; not part of job F40296)
ZZZZZZ	N0011588.D	05/09/06	12:04	03:15	(unrelated sample)
ZZZZZZ	N0011589.D	05/09/06	12:33	03:44	(unrelated sample)
ZZZZZZ	N0011591.D	05/09/06	13:30	04:41	(unrelated sample)
ZZZZZZ	N0011592.D	05/09/06	13:59	05:10	(unrelated sample)
F40273-3MS	N0011593.D	05/09/06	14:28	05:39	Matrix Spike
F40273-3MSD	N0011594.D	05/09/06	14:57	06:08	Matrix Spike Duplicate
ZZZZZZ	N0011595.D	05/09/06	15:26	06:37	(unrelated sample)
ZZZZZZ	N0011596.D	05/09/06	15:55	07:06	(unrelated sample)
ZZZZZZ	N0011597.D	05/09/06	16:24	07:35	(unrelated sample)
F40296-1	N0011598.D	05/09/06	16:53	08:04	JAX-PCA25-MW14-042506
F40296-2	N0011599.D	05/09/06	17:22	08:33	JAX-PCA25-MW15-042506
ZZZZZZ	N0011600.D	05/09/06	17:51	09:02	(unrelated sample)
ZZZZZZ	N0011601.D	05/09/06	18:20	09:31	(unrelated sample)
ZZZZZZ	N0011602.D	05/09/06	18:49	10:00	(unrelated sample)
ZZZZZZ	N0011603.D	05/09/06	19:18	10:29	(unrelated sample)
ZZZZZZ	N0011604.D	05/09/06	19:46	10:57	(unrelated sample)
ZZZZZZ	N0011605.D	05/09/06	20:15	11:26	(unrelated sample)
ZZZZZZ	N0011606.D	05/09/06	20:43	11:54	(unrelated sample)

Volatile Internal Standard Area Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Check Std:	VG1486-CC1484	**Injection Date:**	05/04/06
Lab File ID:	G0038467.D	**Injection Time:**	10:18
Instrument ID:	GCMSG	**Method:**	SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT
Check Std	605561	11.36	394202	14.93	209573	17.45	92234	8.25
Upper Limit [a]	1211122	11.86	788404	15.43	419146	17.95	184468	8.75
Lower Limit [b]	302781	10.86	197101	14.43	104787	16.95	46117	7.75

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT
VG1486-BS	484816	11.35	340562	14.92	174314	17.45	91344	8.25
VG1486-MB	497070	11.36	348017	14.92	169166	17.45	76593	8.25
F40296-3	523281	11.35	371114	14.92	175230	17.45	78008	8.25
F40429-1	507439	11.36	357464	14.92	161300	17.45	75586	8.25
F40429-1MS	463100	11.35	319116	14.92	156270	17.45	50580	8.26
F40429-1MSD	519764	11.35	352612	14.92	168754	17.45	64729	8.25
ZZZZZZ	503389	11.35	332152	14.92	126419	17.45	67975	8.25
ZZZZZZ	509507	11.36	363608	14.92	167006	17.45	81963	8.25
ZZZZZZ	460996	11.36	318740	14.92	146039	17.45	73277	8.25
ZZZZZZ	519021	11.36	358043	14.92	162512	17.45	80590	8.25
ZZZZZZ	529778	11.36	383526	14.92	173505	17.45	78951	8.26
ZZZZZZ	548845	11.36	397557	14.92	174963	17.45	70316	8.26
ZZZZZZ	533989	11.36	385255	14.92	172478	17.45	77401	8.25
ZZZZZZ	546880	11.36	394616	14.92	176020	17.45	89683	8.26
ZZZZZZ	529690	11.36	386641	14.92	177019	17.45	90711	8.26
ZZZZZZ	509735	11.36	378536	14.92	172109	17.45	78608	8.26
ZZZZZZ	479249	11.36	347734	14.93	168306	17.45	90177	8.26
ZZZZZZ	650470	11.36	474017	14.92	226121	17.45	75765	8.36
ZZZZZZ	621390	11.36	440615	14.93	196634	17.45	58359	8.28
ZZZZZZ	606003	11.36	433646	14.93	195790	17.45	82349	8.29

IS 1 = Fluorobenzene
IS 2 = Chlorobenzene-D5
IS 3 = 1,4-Dichlorobenzene-d4
IS 4 = Tert Butyl Alcohol-D10

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Volatile Internal Standard Area Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Check Std:	VN493-CC480	**Injection Date:**	05/09/06
Lab File ID:	N0011582.D	**Injection Time:**	09:15
Instrument ID:	GCMSN	**Method:**	SW846 8260B

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT
Check Std	1683657	11.18	1500422	14.74	904898	17.29	182944	8.15
Upper Limit [a]	3367314	11.68	3000844	15.24	1809796	17.79	365888	8.65
Lower Limit [b]	841829	10.68	750211	14.24	452449	16.79	91472	7.65

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT
VN493-BS	1896312	11.17	1601395	14.74	935167	17.29	210007	8.15
VN493-MB	1738538	11.17	1415853	14.74	747079	17.29	180871	8.15
ZZZZZZ	1601991	11.17	1323727	14.74	693742	17.29	157198	8.15
ZZZZZZ	1538980	11.17	1276826	14.74	679199	17.29	174212	8.15
F40273-3	1526772	11.17	1250018	14.74	661007	17.29	154588	8.15
ZZZZZZ	1496539	11.17	1228416	14.74	656202	17.29	164360	8.15
ZZZZZZ	1483550	11.17	1220414	14.74	648444	17.29	170033	8.15
ZZZZZZ	1442398	11.17	1193351	14.74	631910	17.29	170304	8.15
ZZZZZZ	1441755	11.17	1171701	14.74	628681	17.29	167975	8.15
F40273-3MS	1601962	11.17	1419210	14.74	861652	17.29	187206	8.15
F40273-3MSD	1722268	11.17	1485738	14.74	881202	17.29	222419	8.16
ZZZZZZ	1602100	11.17	1299003	14.74	684203	17.29	193357	8.15
ZZZZZZ	1495699	11.17	1220695	14.74	654535	17.29	183355	8.15
ZZZZZZ	1461783	11.17	1190940	14.74	629439	17.29	175623	8.16
F40296-1 [c]	1421054	11.17	1172619	14.74	639059	17.29	160716	8.15
F40296-2 [c]	1423515	11.17	1180240	14.74	642860	17.29	161805	8.16
ZZZZZZ	1686343	11.17	1498262	14.74	838726	17.29	166709	8.15
ZZZZZZ	1685776	11.17	1393389	14.74	773238	17.29	212663	8.15
ZZZZZZ	1561025	11.17	1280675	14.74	682954	17.29	197391	8.14
ZZZZZZ	1745848	11.17	1428630	14.74	881019	17.29	214600	8.14
ZZZZZZ	1652418	11.17	1344361	14.74	717009	17.29	201051	8.15
ZZZZZZ	1543252	11.17	1252784	14.74	668560	17.29	176066	8.15
ZZZZZZ	1482149	11.17	1228693	14.74	657093	17.29	143659	8.15

IS 1 = Fluorobenzene
IS 2 = Chlorobenzene-D5
IS 3 = 1,4-Dichlorobenzene-d4
IS 4 = Tert Butyl Alcohol-D10

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.
(c) Sample was not preserved to a pH < 2; reported results are considered minimum values.

Volatile Surrogate Recovery Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Method: SW846 8260B **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
F40296-1	N0011598.D	105.0	99.0	95.0	90.0
F40296-2	N0011599.D	105.0	98.0	95.0	89.0
F40273-3MS	N0011593.D	104.0	98.0	90.0	85.0
F40273-3MSD	N0011594.D	105.0	99.0	91.0	86.0
VN493-BS	N0011583.D	103.0	98.0	93.0	89.0
VN493-MB	N0011584.D	104.0	99.0	96.0	94.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	86-115%
S2 = 1,2-Dichloroethane-D4	73-126%
S3 = Toluene-D8	86-112%
S4 = 4-Bromofluorobenzene	83-119%

Volatile Surrogate Recovery Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Method: SW846 8260B **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
F40296-3	G0038470.D	99.0	92.0	98.0	95.0
F40429-1MS	G0038472.D	102.0	99.0	100.0	95.0
F40429-1MSD	G0038473.D	101.0	98.0	102.0	97.0
VG1486-BS	G0038468.D	102.0	95.0	96.0	104.0
VG1486-MB	G0038469.D	101.0	94.0	99.0	93.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	78-123%
S2 = Toluene-D8	71-137%
S3 = 4-Bromofluorobenzene	61-157%
S4 = 1,2-Dichloroethane-D4	74-125%

Initial Calibration Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VG1484-ICC1484
Lab FileID: G0038430.D

Response Factor Report MSVOA1

Method : C:\MSDCHEM\1\METHODS\8260G.M (RTE Integrator)
Title : SW-846 Method 5035A/8260B
Last Update : Wed May 03 07:42:43 2006
Response via : Initial Calibration

Calibration Files
1 =G0038427.D 2 =G0038428.D 3 =G0038429.D 4 =G0038430.D
5 =G0038431.D 6 =G0038432.D

	Compound	1	2	3	4	5	6	Avg	%RSD
1) I	Fluorobenzene	----------ISTD----------							
2)	Dichlorodifluoromet	0.214	0.240	0.260	0.263	0.256	0.267	0.250	7.92
3) P	Chloromethane	0.392	0.490	0.463	0.473	0.468	0.504	0.465	8.38
4) C	Vinyl Chloride	0.271	0.349	0.340	0.346	0.330	0.357	0.332	9.41
5)	Bromomethane	0.135	0.168	0.124	0.091	0.074	0.063	0.109	36.61
	---- Quadratic regression ---- Coefficient = 0.9889								
	Response Ratio = 0.01508 + 0.11219 *A + -0.01348 *A^2								
6)	Chloroethane	0.136	0.188	0.182	0.169	0.146	0.146	0.161	13.36
7)	Trichlorofluorometh	0.202	0.274	0.260	0.250	0.231	0.241	0.243	10.35
8)	Ethyl Ether	0.227	0.296	0.294	0.288	0.264	0.272	0.273	9.47
9)	1,2-Dichlorotrifluo	0.309	0.403	0.399	0.391	0.354	0.374	0.372	9.63
10) C	1,1-Dichloroethene	0.431	0.514	0.510	0.522	0.497	0.525	0.500	7.05
11)	Freon 113	0.141	0.232	0.233	0.207	0.197		0.202	18.61
	---- Linear regression ---- Coefficient = 0.9949								
	Response Ratio = 0.01362 + 0.19633 *A								
12)	Carbon Disulfide	0.764	0.936	0.954	0.981	0.939	0.996	0.928	9.03
13)	Iodomethane	0.427	0.524	0.523	0.526	0.493	0.518	0.502	7.75
14)	Acrolein	0.009	0.012	0.013	0.013	0.013	0.014	0.012	15.30
	---- Linear regression ---- Coefficient = 0.9972								
	Response Ratio = -0.00340 + 0.01360 *A								
15)	Allyl chloride	0.461	0.598	0.590	0.619	0.604	0.647	0.586	11.00
16)	Methylene Chloride	0.480	0.580	0.547	0.552	0.529	0.554	0.540	6.22
17)	Acetone	0.152	0.183	0.173	0.187	0.190	0.185	0.178	7.98
18)	Methyl acetate	0.252	0.331	0.318	0.325	0.332	0.315	0.312	9.74
19)	trans-1,2-Dichloroe	0.443	0.555	0.547	0.550	0.530	0.557	0.530	8.30
20)	Hexane	0.249	0.312	0.299	0.298	0.308	0.307	0.296	7.87
21)	Methyl Tert Butyl E	0.682	0.984	0.931	0.949	0.905	0.907	0.893	12.01
22)	Acetonitrile	0.040	0.049	0.050	0.046	0.047	0.044	0.046	7.30
23)	Di-isopropyl ether	1.105	1.455	1.414	1.445	1.423	1.506	1.391	10.35
24)	Chloroprene	0.406	0.526	0.521	0.513	0.514	0.546	0.504	9.88
25) P	1,1-Dichloroethane	0.508	0.656	0.647	0.641	0.628	0.656	0.623	9.18
26)	Acrylonitrile	0.083	0.111	0.106	0.112	0.115	0.106	0.105	10.86
27)	ETBE	0.805	1.058	1.032	1.031	1.003	1.028	0.993	9.46
28)	Vinyl acetate	0.537	0.738	0.705	0.681	0.725	0.588	0.662	12.30
29)	cis-1,2-Dichloroeth	0.278	0.356	0.348	0.344	0.331	0.346	0.334	8.58
30)	2,2-Dichloropropane	0.230	0.334	0.321	0.310	0.295	0.292	0.297	12.23
31)	Bromochloromethane	0.133	0.178	0.176	0.176	0.171	0.171	0.168	10.27
32)	Cyclohexane	0.443	0.568	0.539	0.546	0.519	0.547	0.527	8.38
33) C	Chloroform	0.463	0.587	0.573	0.580	0.560	0.574	0.556	8.39
34)	Ethyl acetate	0.336	0.454	0.430	0.439	0.442	0.409	0.418	10.27
35)	Tetrahydrofuran	0.144	0.149	0.124	0.130	0.136	0.124	0.134	7.79
36) S	Dibromofluoromethan	0.225	0.285	0.289	0.284	0.284	0.278	0.274	8.84
37)	Carbon Tetrachlorid	0.354	0.342	0.332	0.335	0.319	0.329	0.335	3.59

Initial Calibration Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VG1484-ICC1484
Lab FileID: G0038430.D

38)		1,1,1-Trichloroetha	0.450	0.409	0.394	0.398	0.378	0.392	0.404	6.10
39)		2-Butanone	0.263	0.239	0.233	0.243	0.252	0.238	0.245	4.56
40)		1,1-Dichloropropene	0.507	0.454	0.437	0.440	0.416	0.439	0.449	6.92
41)		Propionitrile	0.061	0.056	0.053	0.052	0.050	0.044	0.053	10.92
42)		Methacrylonitrile	0.340	0.326	0.316	0.311	0.305	0.279	0.313	6.61
43)		Benzene	1.405	1.249	1.198	1.191	1.130	1.158	1.222	8.05
44)		TAME	1.017	0.983	0.904	0.892	0.815	0.785	0.899	10.09
45)	S	1,2-Dichloroethane-	0.343	0.343	0.359	0.333	0.338	0.336	0.342	2.71
46)		1,2-Dichloroethane	0.531	0.495	0.471	0.480	0.462	0.471	0.485	5.20
47)		Trichloroethene	0.363	0.333	0.319	0.317	0.297	0.312	0.324	7.02
48)		Methylcyclohexane	0.508	0.456	0.449	0.449	0.422	0.435	0.453	6.54
49)		Dibromomethane	0.217	0.230	0.224	0.225	0.220	0.220	0.223	2.14
50)	C	1,2-Dichloropropane	0.393	0.385	0.358	0.369	0.355	0.366	0.371	4.09
51)		Bromodichloromethan	0.432	0.441	0.445	0.462	0.437	0.463	0.447	2.96
52)		Methyl methacrylate	0.377	0.378	0.378	0.402	0.403	0.391	0.388	3.11
53)		2-Chloroethyl vinyl	0.164	0.181	0.179	0.183	0.174	0.168	0.175	4.30
54)		cis-1,3-Dichloropro	0.527	0.520	0.529	0.551	0.532	0.548	0.534	2.34
55)	I	Chlorobenzene-d5	----------ISTD----------							
56)	S	Toluene-d8	1.321	1.403	1.384	1.461	1.490	1.586	1.441	6.44
57)	C	Toluene	1.915	1.874	1.720	1.828	1.751	1.913	1.833	4.52
58)		2-Nitropropane	0.151	0.156	0.156	0.173	0.181	0.178	0.166	7.90
59)		4-Methyl-2-pentanon	0.660	0.678	0.652	0.703	0.714	0.697	0.684	3.63
60)		trans-1,3-Dichlorop	0.611	0.649	0.631	0.670	0.652	0.684	0.650	4.02
61)		Tetrachloroethene	0.581	0.556	0.558	0.626	0.533	0.691	0.591	9.88
62)		Ethyl methacrylate	0.591	0.658	0.656	0.722	0.719	0.749	0.683	8.53
63)		1,1,2-Trichloroetha	0.361	0.376	0.350	0.382	0.380	0.405	0.376	5.01
64)		Dibromochloromethan	0.399	0.460	0.461	0.513	0.507	0.559	0.483	11.42
65)		1,3-Dichloropropane	0.777	0.737	0.736	0.770	0.771	0.835	0.771	4.67
66)		1,2-Dibromoethane	0.438	0.433	0.428	0.468	0.459	0.486	0.452	4.98
67)		2-hexanone	0.528	0.496	0.490	0.531	0.549	0.541	0.522	4.58
68)		1-Chlorohexane	0.661	0.599	0.580	0.605	0.585	0.644	0.612	5.35
69)	C	Ethylbenzene	2.168	1.967	1.851	1.908	1.800	1.949	1.940	6.57
70)	P	Chlorobenzene	1.204	1.106	1.041	1.082	1.051	1.137	1.104	5.46
71)		1,1,1,2-Tetrachloro	0.417	0.408	0.389	0.421	0.419	0.449	0.417	4.65
72)		m,p-Xylene	1.729	1.620	1.494	1.514	1.417	1.507	1.547	7.14
73)		o-Xylene	1.746	1.655	1.566	1.628	1.560	1.710	1.644	4.58
74)		Styrene	1.174	1.212	1.180	1.245	1.193	1.297	1.217	3.86
75)	P	Bromoform	0.294	0.342	0.354	0.394	0.390	0.416	0.365	12.06
76)		Isopropylbenzene	1.699	1.547	1.520	1.584	1.510	1.629	1.581	4.58
77)	I	1,4-Dichlorobenzene-d	----------ISTD----------							
78)	S	4-Bromofluorobenzen	1.128	1.120	1.145	1.140	1.179	1.221	1.156	3.27
79)		cis-1,4-Dichloro-2-	0.393	0.442	0.441	0.464	0.471	0.465	0.446	6.44
80)		n-Propylbenzene	5.355	4.621	4.441	4.448	4.237	4.422	4.587	8.62
81)		Bromobenzene	1.205	0.992	0.967	0.999	0.968	0.993	1.021	8.93
82)	P	1,1,2,2-Tetrachloro	1.208	1.205	1.121	1.131	1.145	1.052	1.144	5.08
83)		1,3,5-Trimethylbenz	3.501	3.083	2.935	2.954	2.829	2.920	3.037	7.96
84)		2-Chlorotoluene	3.482	3.334	3.161	3.224	3.063	3.195	3.243	4.51
85)		trans-1,4-Dichloro-	0.387	0.359	0.352	0.370	0.379	0.366	0.369	3.55
86)		1,2,3-Trichloroprop	0.314	0.292	0.275	0.284	0.272	0.265	0.284	6.17
87)		Cyclohexanone	0.082	0.039	0.036	0.038	0.042	0.039	0.046	38.44
		---- Linear regression ---- Coefficient = 0.9942								
		Response Ratio = 0.00467 + 0.03918 *A								
88)		4-Chlorotoluene	3.390	2.921	2.801	2.815	2.713	2.834	2.912	8.36
89)		tert-Butylbenzene	2.264	1.947	1.837	1.812	1.755	1.844	1.910	9.65
90)		1,2,4-Trimethylbenz	3.516	3.070	2.898	2.884	2.707	2.828	2.984	9.58
91)		Pentachloroethane	0.466	0.474	0.383	0.326	0.433		0.416	14.83
92)		sec-Butylbenzene	4.478	3.740	3.610	3.544	3.390	3.538	3.717	10.49

Initial Calibration Summary

Job Number: F40296 **Sample:** VG1484-ICC1484
Account: TETRFLJX Tetra-Tech NUS **Lab FileID:** G0038430.D
Project: NAS JAX- PCA 25

```
 93)     4-Isopropyltoluene  3.324 2.848 2.809 2.731 2.637 2.698 2.841   8.74
 94)     1,3-Dichlorobenzene 2.030 1.700 1.665 1.684 1.598 1.655 1.722   8.99
 95)     1,4-Dichlorobenzene 2.102 1.726 1.644 1.674 1.585 1.641 1.729  10.92
 96)     n-Butylbenzene      2.041 1.646 1.598 1.624 1.521 1.611 1.674  11.04
 97)     Benzyl Chloride     0.336 0.378 0.359 0.380 0.370 0.356 0.363   4.54
 98)     1,2-Dichlorobenzene 1.872 1.651 1.583 1.600 1.503 1.554 1.627   7.97
 99)     1,2-Dibromo-3-Chlor 0.249 0.203 0.199 0.200 0.201 0.192 0.207   9.94
100)     Hexachlorobutadiene 0.860 0.610 0.574 0.565 0.533 0.604 0.624  19.02
             ---- Linear regression ----  Coefficient =  0.9922
               Response Ratio = -0.00318 + 0.57787 *A

101)     1,2,4-Trichlorobenz 1.434 1.064 1.033 1.001 0.937 1.004 1.079  16.59
             ---- Linear regression ----  Coefficient =  0.9974
               Response Ratio = 0.03770 + 0.97173 *A

102)     Naphthalene         3.910 2.524 2.307 2.166 2.118 2.130 2.526  27.53
             ---- Linear regression ----  Coefficient =  0.9999
               Response Ratio = 0.19044 + 2.07324 *A

103)     1,2,3-Trichlorobenz 1.452 1.007 0.867 0.822 0.773 0.816 0.956  26.79
             ---- Linear regression ----  Coefficient =  0.9979
               Response Ratio = 0.07189 + 0.78191 *A


104) I   Tert Butyl Alcohol-d1 ----------------ISTD---------------------
105)     Ethanol             0.249 0.219 0.168 0.161 0.155 0.154 0.184  21.65
             ---- Linear regression ----  Coefficient =  0.9993
               Response Ratio = 0.07730 + 0.14898 *A

106)     Tert Butyl Alcohol  1.408 1.422 1.306 1.323 1.282 1.253 1.332   5.14
107)     Isobutyl alcohol    0.521 0.620 0.594 0.588 0.565 0.567 0.576   5.79
108)     Tert Amyl Alcohol   1.533 1.205 1.148 1.131 1.079 1.032 1.188  15.08
             ---- Linear regression ----  Coefficient =  0.9980
               Response Ratio = 0.20284 + 1.02841 *A

109)     1,4-Dioxane         0.151 0.109 0.104 0.105 0.094 0.098 0.110  18.56
             ---- Linear regression ----  Coefficient =  0.9972
               Response Ratio = 0.05888 + 0.09563 *A

 ---------------------------------------------------------------------------
 (#) = Out of Range

           8260G.M           Wed Aug 16 13:38:18 2006
```

Initial Calibration Verification

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VG1484-ICV1484
Lab FileID: G0038433.D

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\050206\G0038433.D Vial: 7
Acq On : 2 May 2006 5:05 pm Operator: StevenH
Sample : icv1484-3 Inst : MSVOA1
Misc : ms6033,vg1484,5..00,,,,, Multiplr: 1.00
MS Integration Params: RTEINT2.P

Method : D:\HPCHEM\1\METHODS\8260G.M (RTE Integrator)
Title : SW-846 Method 5035A/8260B
Last Update : Wed May 03 07:42:43 2006
Response via : Multiple Level Calibration

Min. RRF : 0.001 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	Fluorobenzene	1.000	1.000	0.0	100	0.00	11.36
2		Dichlorodifluoromethane	0.250	0.363	-45.2#	140	0.00	4.33
3	P	Chloromethane	0.465	0.635	-36.6#	137	0.00	4.77
4	C	Vinyl Chloride	0.332	0.415	-25.0#	122	-0.02	4.95
			Amount	Calc.	%Drift			
5		Bromomethane	50.000	57.491	-15.0	102	0.00	5.64
			AvgRF	CCRF	%Dev			
6		Chloroethane	0.161	0.199	-23.6#	110	-0.01	5.89
7		Trichlorofluoromethane	0.243	0.322	-32.5#	124	0.00	6.13
8		Ethyl Ether	0.273	0.299	-9.5	102	0.00	6.63
9		1,2-Dichlorotrifluoroetha	0.372	0.440	-18.3	110	-0.01	6.95
10	C	1,1-Dichloroethene	0.500	0.529	-5.8	104	0.00	7.03
			Amount	Calc.	%Drift			
11		Freon 113	50.000	61.894	-23.8#	110	0.00	7.07
			AvgRF	CCRF	%Dev			
12		Carbon Disulfide	0.928	1.117	-20.4#	117	0.00	7.12
13		Iodomethane	0.502	0.529	-5.4	101	0.00	7.30
			Amount	Calc.	%Drift			
14		Acrolein	250.000	404.817	-61.9#	164	0.00	7.57
			AvgRF	CCRF	%Dev			
15		Allyl chloride	0.586	0.709	-21.0#	120	0.00	7.77
16		Methylene Chloride	0.540	0.598	-10.7	109	0.00	7.93
17		Acetone	0.178	0.252	-41.6#	146	0.00	7.99
18		Methyl acetate	0.312	0.398	-27.6#	125	0.00	8.14
19		trans-1,2-Dichloroethene	0.530	0.599	-13.0	110	0.00	8.17
20		Hexane	0.296	0.389	-31.4#	130	0.00	8.24
21		Methyl Tert Butyl Ether	0.893	1.072	-20.0#	115	0.00	8.28
22		Acetonitrile	0.046	0.064	-39.1#	128	0.00	8.71
23		Di-isopropyl ether	1.391	1.642	-18.0	116	0.00	8.77
24		Chloroprene	0.504	0.620	-23.0#	119	0.00	9.01
25	P	1,1-Dichloroethane	0.623	0.721	-15.7	112	0.00	9.06
26		Acrylonitrile	0.105	0.168	-60.0#	159	0.00	9.13
27		ETBE	0.993	1.333	-34.2#	129	0.00	9.27
28		Vinyl acetate	0.662	1.007	-52.1#	143	0.00	9.32
29		cis-1,2-Dichloroethene	0.334	0.363	-8.7	105	0.00	9.78
30		2,2-Dichloropropane	0.297	0.332	-11.8	104	0.00	9.93

Initial Calibration Verification

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VG1484-ICV1484
Lab FileID: G0038433.D

31		Bromochloromethane	0.168	0.185	-10.1	105	0.00	10.05
32		Cyclohexane	0.527	0.623	-18.2	116	0.00	10.06
33	C	Chloroform	0.556	0.637	-14.6	111	0.00	10.10
34		Ethyl acetate	0.418	0.677	-62.0#	158	0.00	10.19
35		Tetrahydrofuran	0.134	0.167	-24.6#	135	0.00	10.34
36	S	Dibromofluoromethane	0.274	0.282	-2.9	98	0.00	10.35
37		Carbon Tetrachloride	0.335	0.363	-8.4	110	0.00	10.33
38		1,1,1-Trichloroethane	0.404	0.421	-4.2	107	0.00	10.42
39		2-Butanone	0.245	0.328	-33.9#	141	0.00	10.48
40		1,1-Dichloropropene	0.449	0.488	-8.7	112	0.00	10.55
41		Propionitrile	0.053	0.068	-28.3#	127	0.00	10.90
42		Methacrylonitrile	0.313	0.392	-25.2#	124	0.00	10.92
43		Benzene	1.222	1.300	-6.4	109	0.00	10.88
44		TAME	0.899	1.046	-16.4	116	0.00	10.93
45	S	1,2-Dichloroethane-d4	0.342	0.343	-0.3	96	0.00	11.04
46		1,2-Dichloroethane	0.485	0.524	-8.0	112	0.00	11.13
47		Trichloroethene	0.324	0.353	-9.0	111	0.00	11.56
48		Methylcyclohexane	0.453	0.537	-18.5	120	0.00	11.56
49		Dibromomethane	0.223	0.243	-9.0	109	0.00	12.08
50	C	1,2-Dichloropropane	0.371	0.398	-7.3	111	0.00	12.20
51		Bromodichloromethane	0.447	0.460	-2.9	104	0.00	12.23
52		Methyl methacrylate	0.388	0.475	-22.4#	126	0.00	12.33
53		2-Chloroethyl vinyl ether	0.175	0.205	-17.1	115	0.00	12.82
54		cis-1,3-Dichloropropene	0.534	0.606	-13.5	115	0.00	12.95
55	I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00	14.92
56	S	Toluene-d8	1.441	1.372	4.8	100	0.00	13.17
57	C	Toluene	1.833	1.885	-2.8	110	0.00	13.22
58		2-Nitropropane	0.166	0.191	-15.1	123	0.00	13.51
59		4-Methyl-2-pentanone	0.684	0.836	-22.2#	129	0.00	13.60
60		trans-1,3-Dichloropropene	0.650	0.754	-16.0	120	0.00	13.67
61		Tetrachloroethene	0.591	0.685	-15.9	123	0.00	13.68
62		Ethyl methacrylate	0.683	0.788	-15.4	121	0.00	13.76
63		1,1,2-Trichloroethane	0.376	0.391	-4.0	112	0.00	13.86
64		Dibromochloromethane	0.483	0.507	-5.0	110	0.00	14.09
65		1,3-Dichloropropane	0.771	0.809	-4.9	110	0.00	14.19
66		1,2-Dibromoethane	0.452	0.485	-7.3	114	0.00	14.40
67		2-hexanone	0.522	0.687	-31.6#	141	0.00	14.52
68		1-Chlorohexane	0.612	0.704	-15.0	122	0.00	14.83
69	C	Ethylbenzene	1.940	2.029	-4.6	110	0.00	14.91
70	P	Chlorobenzene	1.104	1.169	-5.9	113	0.00	14.94
71		1,1,1,2-Tetrachloroethane	0.417	0.435	-4.3	112	0.00	14.99
72		m,p-Xylene	1.547	1.652	-6.8	111	0.00	15.06
73		o-Xylene	1.644	1.751	-6.5	112	0.00	15.55
74		Styrene	1.217	1.313	-7.9	112	0.00	15.60
75	P	Bromoform	0.365	0.394	-7.9	112	0.00	15.70
76		Isopropylbenzene	1.581	1.810	-14.5	120	0.00	15.87
77	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00	17.45
78	S	4-Bromofluorobenzene	1.156	1.150	0.5	104	0.00	16.23
79		cis-1,4-Dichloro-2-butene	0.446	0.469	-5.2	110	0.00	16.26
80		n-Propylbenzene	4.587	4.861	-6.0	114	0.00	16.32
81		Bromobenzene	1.021	1.066	-4.4	114	0.00	16.38
82	P	1,1,2,2-Tetrachloroethane	1.144	1.256	-9.8	116	0.00	16.40
83		1,3,5-Trimethylbenzene	3.037	3.225	-6.2	114	0.00	16.50
84		2-Chlorotoluene	3.243	3.488	-7.6	114	0.00	16.55
85		trans-1,4-Dichloro-2-Bute	0.369	0.238	35.5#	70	0.00	16.59
86		1,2,3-Trichloropropane	0.284	0.323	-13.7	122	0.00	16.58

---------- Amount Calc. %Drift ----------

Initial Calibration Verification

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VG1484-ICV1484
Lab FileID: G0038433.D

87	Cyclohexanone	250.000	390.183	-56.1#	177	0.00	16.69
	----------	AvgRF	CCRF	%Dev	----------		
88	4-Chlorotoluene	2.912	3.152	-8.2	117	0.00	16.72
89	tert-Butylbenzene	1.910	2.048	-7.2	116	0.00	16.87
90	1,2,4-Trimethylbenzene	2.984	3.146	-5.4	113	0.00	16.94
91	Pentachloroethane	0.416	0.350	15.9	95	0.00	16.95
92	sec-Butylbenzene	3.717	4.009	-7.9	115	0.00	17.07
93	4-Isopropyltoluene	2.841	3.113	-9.6	115	0.00	17.19
94	1,3-Dichlorobenzene	1.722	1.888	-9.6	118	0.00	17.37
95	1,4-Dichlorobenzene	1.729	1.876	-8.5	118	0.00	17.47
96	n-Butylbenzene	1.674	1.904	-13.7	124	0.00	17.66
97	Benzyl Chloride	0.363	0.395	-8.8	114	0.00	17.72
98	1,2-Dichlorobenzene	1.627	1.769	-8.7	116	0.00	17.93
99	1,2-Dibromo-3-Chloropropa	0.207	0.233	-12.6	121	0.00	18.77
	----------	Amount	Calc.	%Drift	----------		
100	Hexachlorobutadiene	50.000	60.116	-20.2#	125	0.00	19.41
101	1,2,4-Trichlorobenzene	50.000	59.269	-18.5	119	0.00	19.51
102	Naphthalene	50.000	60.494	-21.0#	121	0.00	19.91
103	1,2,3-Trichlorobenzene	50.000	59.286	-18.6	120	0.00	20.13
	----------	AvgRF	CCRF	%Dev	----------		
104 I	Tert Butyl Alcohol-d10	1.000	1.000	0.0	132	0.00	8.25
	----------	Amount	Calc.	%Drift	----------		
105	Ethanol	1000.000	1025.731	-2.6	134	0.00	6.85
	----------	AvgRF	CCRF	%Dev	----------		
106	Tert Butyl Alcohol	1.332	1.363	-2.3	137	0.00	8.36
107	Isobutyl alcohol	0.576	0.596	-3.5	132	0.00	10.97
	----------	Amount	Calc.	%Drift	----------		
108	Tert Amyl Alcohol	500.000	545.007	-9.0	140	0.00	11.11
109	1,4-Dioxane	2000.000	899.015	55.0#	63	0.00	12.45

(#) = Out of Range SPCC's out = 0 CCC's out = 1
G0038429.D 8260G.M Wed May 03 11:53:41 2006

Initial Calibration Verification

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VG1485-ICV1484
Lab FileID: G0038437.D

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\050306\G0038437.D Vial: 2
Acq On : 3 May 2006 10:10 am Operator: StevenH
Sample : icv1484-3 Inst : MSVOA1
Misc : ms5795,vg1485,5.00,,,,, Multiplr: 1.00
MS Integration Params: RTEINT2.P

Method : D:\HPCHEM\1\METHODS\8260G.M (RTE Integrator)
Title : SW-846 Method 5035A/8260B
Last Update : Wed May 03 07:42:43 2006
Response via : Multiple Level Calibration

Min. RRF : 0.001 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	Fluorobenzene	1.000	1.000	0.0	119	0.00	11.36
2		Dichlorodifluoromethane	0.250	0.226	9.6	103	0.00	4.33
3	P	Chloromethane	0.465	0.588	-26.5#	151	0.00	4.77
4	C	Vinyl Chloride	0.332	0.393	-18.4	137	-0.01	4.96
		----------	Amount	Calc.	%Drift	----------		
5		Bromomethane	50.000	54.169	-8.3	116	0.00	5.64
		----------	AvgRF	CCRF	%Dev	----------		
6		Chloroethane	0.161	0.192	-19.3	126	0.00	5.90
7		Trichlorofluoromethane	0.243	0.308	-26.7#	140	0.00	6.13
8		Ethyl Ether	0.273	0.288	-5.5	116	0.00	6.64
9		1,2-Dichlorotrifluoroetha	0.372	0.410	-10.2	122	0.00	6.96
10	C	1,1-Dichloroethene	0.500	0.494	1.2	115	0.00	7.03
		----------	Amount	Calc.	%Drift	----------		
11		Freon 113	50.000	56.926	-13.9	121	0.00	7.07
		----------	AvgRF	CCRF	%Dev	----------		
12		Carbon Disulfide	0.928	1.039	-12.0	129	0.00	7.13
13		Iodomethane	0.502	0.497	1.0	113	0.00	7.31
		----------	Amount	Calc.	%Drift	----------		
14		Acrolein	250.000	316.022	-26.4#	150	0.00	7.56
		----------	AvgRF	CCRF	%Dev	----------		
15		Allyl chloride	0.586	0.693	-18.3	139	0.00	7.77
16		Methylene Chloride	0.540	0.558	-3.3	121	0.00	7.93
17		Acetone	0.178	0.196	-10.1	134	0.00	8.00
18		Methyl acetate	0.312	0.327	-4.8	122	0.00	8.14
19		trans-1,2-Dichloroethene	0.530	0.561	-5.8	122	0.00	8.16
20		Hexane	0.296	0.374	-26.4#	148	0.00	8.24
21		Methyl Tert Butyl Ether	0.893	0.959	-7.4	122	0.00	8.28
22		Acetonitrile	0.046	0.052	-13.0	124	0.00	8.70
23		Di-isopropyl ether	1.391	1.563	-12.4	131	0.00	8.77
24		Chloroprene	0.504	0.607	-20.4#	138	0.00	9.01
25	P	1,1-Dichloroethane	0.623	0.671	-7.7	123	0.00	9.05
26		Acrylonitrile	0.105	0.144	-37.1#	161	0.00	9.13
27		ETBE	0.993	1.238	-24.7#	142	0.00	9.28
28		Vinyl acetate	0.662	0.972	-46.8#	164	0.00	9.33
29		cis-1,2-Dichloroethene	0.334	0.345	-3.3	118	0.00	9.78
30		2,2-Dichloropropane	0.297	0.314	-5.7	116	0.00	9.94

Initial Calibration Verification

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VG1485-ICV1484
Lab FileID: G0038437.D

31		Bromochloromethane	0.168	0.170	-1.2	115	0.00	10.05
32		Cyclohexane	0.527	0.608	-15.4	134	0.00	10.06
33	C	Chloroform	0.556	0.606	-9.0	126	0.00	10.10
34		Ethyl acetate	0.418	0.498	-19.1	137	0.00	10.19
35		Tetrahydrofuran	0.134	0.127	5.2	122	0.00	10.34
36	S	Dibromofluoromethane	0.274	0.280	-2.2	115	0.00	10.34
37		Carbon Tetrachloride	0.335	0.340	-1.5	122	0.00	10.33
38		1,1,1-Trichloroethane	0.404	0.401	0.7	121	0.00	10.42
39		2-Butanone	0.245	0.257	-4.9	131	0.00	10.49
40		1,1-Dichloropropene	0.449	0.453	-0.9	123	0.00	10.56
41		Propionitrile	0.053	0.054	-1.9	120	0.00	10.90
42		Methacrylonitrile	0.313	0.338	-8.0	127	0.00	10.92
43		Benzene	1.222	1.254	-2.6	124	0.00	10.87
44		TAME	0.899	0.960	-6.8	126	0.00	10.93
45	S	1,2-Dichloroethane-d4	0.342	0.372	-8.8	123	0.00	11.04
46		1,2-Dichloroethane	0.485	0.481	0.8	121	0.00	11.12
47		Trichloroethene	0.324	0.331	-2.2	123	0.00	11.56
48		Methylcyclohexane	0.453	0.515	-13.7	136	0.00	11.56
49		Dibromomethane	0.223	0.219	1.8	116	0.00	12.08
50	C	1,2-Dichloropropane	0.371	0.387	-4.3	128	0.00	12.19
51		Bromodichloromethane	0.447	0.425	4.9	114	0.00	12.23
52		Methyl methacrylate	0.388	0.406	-4.6	128	0.00	12.32
53		2-Chloroethyl vinyl ether	0.175	0.178	-1.7	118	0.00	12.82
54		cis-1,3-Dichloropropene	0.534	0.556	-4.1	125	0.00	12.95
55	I	Chlorobenzene-d5	1.000	1.000	0.0	117	0.00	14.92
56	S	Toluene-d8	1.441	1.385	3.9	117	0.00	13.17
57	C	Toluene	1.833	1.851	-1.0	126	0.00	13.23
58		2-Nitropropane	0.166	0.160	3.6	120	0.00	13.50
59		4-Methyl-2-pentanone	0.684	0.681	0.4	122	0.00	13.60
60		trans-1,3-Dichloropropene	0.650	0.698	-7.4	129	0.00	13.66
61		Tetrachloroethene	0.591	0.632	-6.9	133	0.00	13.68
62		Ethyl methacrylate	0.683	0.700	-2.5	125	0.00	13.75
63		1,1,2-Trichloroethane	0.376	0.354	5.9	118	0.00	13.86
64		Dibromochloromethane	0.483	0.467	3.3	118	0.00	14.09
65		1,3-Dichloropropane	0.771	0.755	2.1	120	0.00	14.19
66		1,2-Dibromoethane	0.452	0.440	2.7	120	0.00	14.40
67		2-hexanone	0.522	0.539	-3.3	129	0.00	14.51
68		1-Chlorohexane	0.612	0.674	-10.1	136	0.00	14.83
69	C	Ethylbenzene	1.940	1.976	-1.9	125	0.00	14.91
70	P	Chlorobenzene	1.104	1.133	-2.6	127	0.00	14.94
71		1,1,1,2-Tetrachloroethane	0.417	0.417	0.0	125	0.00	14.99
72		m,p-Xylene	1.547	1.604	-3.7	126	0.00	15.06
73		o-Xylene	1.644	1.677	-2.0	125	0.00	15.55
74		Styrene	1.217	1.220	-0.2	121	0.00	15.60
75	P	Bromoform	0.365	0.345	5.5	114	0.00	15.69
76		Isopropylbenzene	1.581	1.711	-8.2	132	0.00	15.87
77	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	117	0.00	17.45
78	S	4-Bromofluorobenzene	1.156	1.144	1.0	117	0.00	16.22
79		cis-1,4-Dichloro-2-butene	0.446	0.436	2.2	116	0.00	16.26
80		n-Propylbenzene	4.587	4.832	-5.3	128	0.00	16.31
81		Bromobenzene	1.021	1.011	1.0	123	0.00	16.38
82	P	1,1,2,2-Tetrachloroethane	1.144	1.081	5.5	113	0.00	16.39
83		1,3,5-Trimethylbenzene	3.037	3.181	-4.7	127	0.00	16.50
84		2-Chlorotoluene	3.243	3.320	-2.4	123	0.00	16.54
85		trans-1,4-Dichloro-2-Bute	0.369	0.190	48.5#	63	0.00	16.59
86		1,2,3-Trichloropropane	0.284	0.281	1.1	120	0.00	16.59

---------- Amount Calc. %Drift ----------

5.7.3

5

Initial Calibration Verification

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VG1485-ICV1484
Lab FileID: G0038437.D

87	Cyclohexanone	250.000	304.730	-21.9#	157	0.00	16.69
	----------	AvgRF	CCRF	%Dev	----------		
88	4-Chlorotoluene	2.912	3.086	-6.0	129	0.00	16.72
89	tert-Butylbenzene	1.910	1.998	-4.6	128	0.00	16.87
90	1,2,4-Trimethylbenzene	2.984	3.086	-3.4	125	0.00	16.94
91	Pentachloroethane	0.416	0.416	0.0	127	0.00	16.95
92	sec-Butylbenzene	3.717	3.948	-6.2	128	0.00	17.06
93	4-Isopropyltoluene	2.841	3.029	-6.6	127	0.00	17.19
94	1,3-Dichlorobenzene	1.722	1.735	-0.8	122	0.00	17.38
95	1,4-Dichlorobenzene	1.729	1.752	-1.3	125	0.00	17.47
96	n-Butylbenzene	1.674	1.839	-9.9	135	0.00	17.65
97	Benzyl Chloride	0.363	0.346	4.7	113	0.00	17.71
98	1,2-Dichlorobenzene	1.627	1.635	-0.5	121	0.00	17.94
99	1,2-Dibromo-3-Chloropropa	0.207	0.176	15.0	104	0.00	18.78
	----------	Amount	Calc.	%Drift	----------		
100	Hexachlorobutadiene	50.000	57.279	-14.6	135	0.00	19.42
101	1,2,4-Trichlorobenzene	50.000	54.004	-8.0	123	0.00	19.50
102	Naphthalene	50.000	46.689	6.6	108	0.00	19.91
103	1,2,3-Trichlorobenzene	50.000	51.954	-3.9	120	0.00	20.13
	----------	AvgRF	CCRF	%Dev	----------		
104 I	Tert Butyl Alcohol-d10	1.000	1.000	0.0	113	0.00	8.25
	----------	Amount	Calc.	%Drift	----------		
105	Ethanol	1000.000	1285.013	-28.5#	141	0.00	6.86
	----------	AvgRF	CCRF	%Dev	----------		
106	Tert Butyl Alcohol	1.332	1.288	3.3	111	0.00	8.35
107	Isobutyl alcohol	0.576	0.630	-9.4	119	0.00	10.96
	----------	Amount	Calc.	%Drift	----------		
108	Tert Amyl Alcohol	500.000	496.780	0.6	110	0.00	11.11
109	1,4-Dioxane	2000.000	962.782	51.9#	58	0.00	12.45

(#) = Out of Range SPCC's out = 0 CCC's out = 0
G0038429.D 8260G.M Thu May 04 08:42:23 2006

Continuing Calibration Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VG1486-CC1484
Lab FileID: G0038467.D

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\050406\G0038467.D Vial: 1
Acq On : 4 May 2006 10:18 am Operator: StevenH
Sample : cc1484-4 Inst : MSVOA1
Misc : ms5795,vg1486,5.00,,,,, Multiplr: 1.00
MS Integration Params: RTEINT2.P

Method : D:\HPCHEM\1\METHODS\8260G.M (RTE Integrator)
Title : SW-846 Method 5035A/8260B
Last Update : Thu May 04 13:02:40 2006
Response via : Multiple Level Calibration

Min. RRF : 0.001 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	Fluorobenzene	1.000	1.000	0.0	115	0.00	11.36
2		Dichlorodifluoromethane	0.250	0.231	7.6	101	-0.01	4.31
3	P	Chloromethane	0.465	0.431	7.3	105	0.00	4.77
4	C	Vinyl Chloride	0.332	0.290	12.7	96	-0.02	4.95
			Amount	Calc.	%Drift			
5		Bromomethane	100.000	116.126	-16.1	128	0.00	5.63
			AvgRF	CCRF	%Dev			
6		Chloroethane	0.161	0.192	-19.3	131	-0.02	5.88
7		Trichlorofluoromethane	0.243	0.311	-28.0#	143	0.00	6.13
8		Ethyl Ether	0.273	0.298	-9.2	119	0.00	6.63
9		1,2-Dichlorotrifluoroetha	0.372	0.440	-18.3	129	-0.01	6.95
10	C	1,1-Dichloroethene	0.500	0.594	-18.8	131	0.00	7.02
			Amount	Calc.	%Drift			
11		Freon 113	100.000	118.859	-18.9	133	0.00	7.06
			AvgRF	CCRF	%Dev			
12		Carbon Disulfide	0.928	1.111	-19.7	130	0.00	7.12
13		Iodomethane	0.502	0.557	-11.0	122	-0.01	7.29
			Amount	Calc.	%Drift			
14		Acrolein	500.000	1421.724	-184.3#	328	0.00	7.56
			AvgRF	CCRF	%Dev			
15		Allyl chloride	0.586	0.662	-13.0	123	0.00	7.76
16		Methylene Chloride	0.540	0.640	-18.5	133	0.00	7.92
17		Acetone	0.178	0.185	-3.9	114	0.00	7.99
18		Methyl acetate	0.312	0.325	-4.2	115	0.00	8.14
19		trans-1,2-Dichloroethene	0.530	0.646	-21.9#	135	0.00	8.17
20		Hexane	0.296	0.420	-41.9#	162	0.00	8.24
21		Methyl Tert Butyl Ether	0.893	0.961	-7.6	116	0.00	8.28
22		Acetonitrile	0.046	0.045	2.2	111	0.00	8.71
23		Di-isopropyl ether	1.391	1.621	-16.5	129	0.00	8.77
24		Chloroprene	0.504	0.570	-13.1	128	0.00	9.01
25	P	1,1-Dichloroethane	0.623	0.744	-19.4	133	0.00	9.05
26		Acrylonitrile	0.105	0.156	-48.6#	160	0.00	9.13
27		ETBE	0.993	1.112	-12.0	124	0.00	9.27
28		Vinyl acetate	0.662	0.758	-14.5	128	0.00	9.32
29		cis-1,2-Dichloroethene	0.334	0.391	-17.1	130	0.00	9.77
30		2,2-Dichloropropane	0.297	0.333	-12.1	123	0.00	9.93

Continuing Calibration Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VG1486-CC1484
Lab FileID: G0038467.D

31		Bromochloromethane	0.168	0.187	-11.3	121	0.00	10.05
32		Cyclohexane	0.527	0.659	-25.0#	139	0.00	10.07
33	C	Chloroform	0.556	0.636	-14.4	126	0.00	10.10
34		Ethyl acetate	0.418	0.310	25.8#	81	0.00	10.19
35		Tetrahydrofuran	0.134	0.132	1.5	117	0.00	10.34
36	S	Dibromofluoromethane	0.274	0.281	-2.6	114	0.00	10.35
37		Carbon Tetrachloride	0.335	0.379	-13.1	130	0.00	10.33
38		1,1,1-Trichloroethane	0.404	0.437	-8.2	126	0.00	10.41
39		2-Butanone	0.245	0.247	-0.8	117	0.00	10.48
40		1,1-Dichloropropene	0.449	0.522	-16.3	136	0.00	10.55
41		Propionitrile	0.053	0.050	5.7	109	0.00	10.90
42		Methacrylonitrile	0.313	0.310	1.0	114	0.00	10.92
43		Benzene	1.222	1.382	-13.1	133	0.00	10.88
44		TAME	0.899	0.933	-3.8	120	0.00	10.93
45	S	1,2-Dichloroethane-d4	0.342	0.332	2.9	114	0.00	11.04
46		1,2-Dichloroethane	0.485	0.512	-5.6	123	0.00	11.12
47		Trichloroethene	0.324	0.363	-12.0	132	0.00	11.56
48		Methylcyclohexane	0.453	0.544	-20.1#	139	0.00	11.57
49		Dibromomethane	0.223	0.233	-4.5	119	0.00	12.09
50	C	1,2-Dichloropropane	0.371	0.404	-8.9	126	0.00	12.20
51		Bromodichloromethane	0.447	0.488	-9.2	121	0.00	12.23
52		Methyl methacrylate	0.388	0.394	-1.5	113	0.00	12.33
53		2-Chloroethyl vinyl ether	0.175	0.181	-3.4	114	0.00	12.82
54		cis-1,3-Dichloropropene	0.534	0.603	-12.9	126	0.00	12.96
55	I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00	14.93
56	S	Toluene-d8	1.441	1.473	-2.2	113	0.00	13.16
57	C	Toluene	1.833	2.138	-16.6	131	0.00	13.22
58		2-Nitropropane	0.166	0.172	-3.6	111	0.00	13.51
59		4-Methyl-2-pentanone	0.684	0.710	-3.8	113	0.00	13.61
60		trans-1,3-Dichloropropene	0.650	0.731	-12.5	122	0.00	13.67
61		Tetrachloroethene	0.591	0.581	1.7	104	0.00	13.68
62		Ethyl methacrylate	0.683	0.720	-5.4	112	0.00	13.75
63		1,1,2-Trichloroethane	0.376	0.403	-7.2	118	0.00	13.86
64		Dibromochloromethane	0.483	0.553	-14.5	121	0.00	14.09
65		1,3-Dichloropropane	0.771	0.846	-9.7	123	0.00	14.19
66		1,2-Dibromoethane	0.452	0.486	-7.5	116	0.00	14.41
67		2-hexanone	0.522	0.557	-6.7	118	0.00	14.51
68		1-Chlorohexane	0.612	0.767	-25.3#	142	0.00	14.84
69	C	Ethylbenzene	1.940	2.293	-18.2	135	0.00	14.92
70	P	Chlorobenzene	1.104	1.288	-16.7	134	0.00	14.95
71		1,1,1,2-Tetrachloroethane	0.417	0.490	-17.5	131	0.00	14.99
72		m,p-Xylene	1.547	1.809	-16.9	134	0.00	15.07
73		o-Xylene	1.644	1.944	-18.2	134	0.00	15.55
74		Styrene	1.217	1.442	-18.5	130	0.00	15.61
75	P	Bromoform	0.365	0.422	-15.6	120	0.00	15.70
76		Isopropylbenzene	1.581	1.930	-22.1#	137	0.00	15.87
77	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	119	0.00	17.45
78	S	4-Bromofluorobenzene	1.156	1.148	0.7	120	0.00	16.23
79		cis-1,4-Dichloro-2-butene	0.446	0.454	-1.8	116	0.01	16.27
80		n-Propylbenzene	4.587	5.263	-14.7	141	0.00	16.32
81		Bromobenzene	1.021	1.113	-9.0	132	0.00	16.39
82	P	1,1,2,2-Tetrachloroethane	1.144	1.153	-0.8	121	0.00	16.40
83		1,3,5-Trimethylbenzene	3.037	3.430	-12.9	138	0.01	16.50
84		2-Chlorotoluene	3.243	3.673	-13.3	136	0.00	16.54
85		trans-1,4-Dichloro-2-Bute	0.369	0.379	-2.7	122	0.00	16.59
86		1,2,3-Trichloropropane	0.284	0.283	0.4	119	0.00	16.59

---------- Amount Calc. %Drift ----------

Continuing Calibration Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VG1486-CC1484
Lab FileID: G0038467.D

87	Cyclohexanone	500.000	1120.012	-124.0#	276	0.00	16.69
	----------	AvgRF	CCRF	%Dev	----------		
88	4-Chlorotoluene	2.912	3.297	-13.2	139	0.00	16.72
89	tert-Butylbenzene	1.910	2.159	-13.0	142	0.00	16.88
90	1,2,4-Trimethylbenzene	2.984	3.313	-11.0	137	0.00	16.94
91	Pentachloroethane	0.416	0.652	-56.7#	238#	0.00	16.96
92	sec-Butylbenzene	3.717	4.303	-15.8	144	0.00	17.07
93	4-Isopropyltoluene	2.841	3.367	-18.5	147	0.00	17.19
94	1,3-Dichlorobenzene	1.722	1.937	-12.5	137	0.00	17.38
95	1,4-Dichlorobenzene	1.729	1.919	-11.0	136	0.00	17.47
96	n-Butylbenzene	1.674	2.037	-21.7#	149	0.00	17.66
97	Benzyl Chloride	0.363	0.399	-9.9	125	0.00	17.72
98	1,2-Dichlorobenzene	1.627	1.771	-8.9	132	0.00	17.94
99	1,2-Dibromo-3-Chloropropa	0.207	0.195	5.8	116	0.00	18.78
	----------	Amount	Calc.	%Drift	----------		
100	Hexachlorobutadiene	100.000	126.804	-26.8#	154	0.00	19.42
101	1,2,4-Trichlorobenzene	100.000	123.365	-23.4#	145	0.00	19.51
102	Naphthalene	100.000	105.536	-5.5	125	0.00	19.90
103	1,2,3-Trichlorobenzene	100.000	117.248	-17.2	138	0.00	20.13
	----------	AvgRF	CCRF	%Dev	----------		
104 I	Tert Butyl Alcohol-d10	1.000	1.000	0.0	98	0.00	8.25
	----------	Amount	Calc.	%Drift	----------		
105	Ethanol	2000.000	2311.082	-15.6	111	0.00	6.85
	----------	AvgRF	CCRF	%Dev	----------		
106	Tert Butyl Alcohol	1.332	1.464	-9.9	109	0.00	8.35
107	Isobutyl alcohol	0.576	0.670	-16.3	112	0.00	10.97
	----------	Amount	Calc.	%Drift	----------		
108	Tert Amyl Alcohol	1000.000	1202.705	-20.3#	112	0.00	11.10
109	1,4-Dioxane	4000.000	4651.192	-16.3	108	0.00	12.45

(#) = Out of Range SPCC's out = 0 CCC's out = 0
G0038430.D 8260G.M Fri May 05 09:31:05 2006

5.7.4
5

Initial Calibration Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VN480-ICC480
Lab FileID: N0011308.D

Response Factor Report MSVOA8

Method : C:\MSDCHEM\2\METHODS\8260N.M (RTE Integrator)
Title : SW-846 Method 5030B/8260B & EPA 624
Last Update : Wed Apr 26 14:38:18 2006
Response via : Initial Calibration

Calibration Files
1 =N0011305.D 2 =N0011306.D 3 =N0011307.D 4 =N0011308.D
5 =N0011309.D 6 =N0011310.D

		Compound	1	2	3	4	5	6	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------							
2)		Dichlorodifluoromet	0.320	0.255	0.360	0.333	0.328	0.327	0.321	10.91
3)	P	Chloromethane	0.358	0.265	0.328	0.301	0.292	0.288	0.306	10.77
4)	C	Vinyl Chloride	0.251	0.185	0.253	0.235	0.233	0.232	0.231	10.60
5)		Bromomethane	0.216	0.137	0.145	0.122	0.105	0.092	0.136	31.99
		---- Quadratic regr., Force(0,0) ---- Coefficient = 0.9990								
		Response Ratio = 0.00000 + 0.14359 *A + -0.02595 *A^2								
6)		Chloroethane	0.131	0.099	0.125	0.114	0.106	0.102	0.113	11.24
7)		Trichlorofluorometh	0.327	0.243	0.340	0.313	0.300	0.296	0.303	11.06
8)		Ethyl Ether	0.190	0.145	0.177	0.159	0.152	0.146	0.162	11.38
9)		1,2-Dichlorotrifluo	0.249	0.235	0.333	0.256	0.286	0.282	0.273	12.86
10)	C	1,1-Dichloroethene	0.400	0.301	0.418	0.375	0.369	0.361	0.371	10.86
11)		Freon 113	0.241	0.190	0.264	0.238	0.226	0.222	0.230	10.65
12)		Carbon Disulfide	0.985	0.634	0.871	0.780	0.769	0.753	0.799	14.88
13)		Iodomethane	0.544	0.411	0.527	0.483	0.485	0.481	0.489	9.45
14)		Acrolein	0.015	0.016	0.015	0.015	0.015	0.014	0.015	3.39
15)		Methylene Chloride	0.704	0.347	0.402	0.370	0.365	0.363	0.425	32.42
		---- Linear regr., Force(0,0) ---- Coefficient = 0.9996								
		Response Ratio = 0.00000 + 0.36500 *A								
16)		Acetone	0.147	0.087	0.099	0.091	0.088	0.087	0.100	23.76
		---- Linear regr., Force(0,0) ---- Coefficient = 0.9993								
		Response Ratio = 0.00000 + 0.08809 *A								
17)		Methyl acetate	0.337	0.241	0.277	0.261	0.260	0.257	0.272	12.49
18)		trans-1,2-Dichloroe	0.457	0.328	0.427	0.392	0.387	0.382	0.395	11.13
19)		Hexane	0.300	0.196	0.276	0.249	0.237	0.235	0.249	14.38
20)		Methyl Tert Butyl E	1.047	0.776	0.911	0.853	0.843	0.840	0.878	10.58
21)		Di-isopropyl ether	1.172	0.843	1.022	0.946	0.939	0.932	0.976	11.46
22)	P	1,1-Dichloroethane	0.559	0.400	0.517	0.482	0.477	0.474	0.485	10.92
23)		Acrylonitrile	0.095	0.109	0.114	0.114	0.112	0.111	0.109	6.68
24)		ETBE	0.968	0.707	0.849	0.785	0.774	0.761	0.807	11.26
25)		Vinyl acetate	0.397	0.411	0.401	0.416	0.431	0.403	0.410	3.03
26)		cis-1,2-Dichloroeth	0.380	0.274	0.341	0.318	0.317	0.316	0.324	10.78
27)		2,2-Dichloropropane	0.409	0.271	0.377	0.340	0.339	0.331	0.344	13.59
28)		Bromochloromethane	0.205	0.149	0.186	0.175	0.173	0.172	0.177	10.49
29)		Cyclohexane	0.511	0.350	0.512	0.462	0.452	0.447	0.456	13.05
30)	C	Chloroform	0.626	0.442	0.546	0.503	0.491	0.479	0.514	12.52
31)		Tetrahydrofuran	0.144	0.104	0.110	0.104	0.124	0.104	0.115	14.10
32)	S	Dibromofluoromethan	0.266	0.263	0.264	0.262	0.261	0.257	0.262	1.22
33)		Carbon Tetrachlorid	0.373	0.312	0.391	0.415	0.421	0.422	0.389	10.94
34)		1,1,1-Trichloroetha	0.460	0.338	0.467	0.426	0.427	0.420	0.423	10.83
35)		2-Butanone	0.229	0.158	0.196	0.180	0.168	0.169	0.183	14.03
36)		1,1-Dichloropropene	0.402	0.292	0.408	0.376	0.369	0.367	0.369	11.21
37)		Benzene	1.423	0.962	1.229	1.130	1.109	1.103	1.159	13.36

Initial Calibration Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VN480-ICC480
Lab FileID: N0011308.D

38)		TAME	0.992	0.745	0.886	0.835	0.832	0.790	0.847	10.13
39)	S	1,2-Dichloroethane-	0.305	0.305	0.301	0.298	0.297	0.294	0.300	1.43
40)		1,2-Dichloroethane	0.496	0.373	0.436	0.410	0.400	0.394	0.418	10.31
41)		Trichloroethene	0.358	0.248	0.325	0.295	0.286	0.285	0.299	12.56
42)		Methylcyclohexane	0.486	0.353	0.521	0.467	0.458	0.456	0.457	12.32
43)		Dibromomethane	0.242	0.178	0.208	0.193	0.192	0.192	0.201	11.08
44)	C	1,2-Dichloropropane	0.347	0.253	0.315	0.291	0.288	0.284	0.296	10.76
45)		Bromodichloromethan	0.464	0.348	0.436	0.411	0.409	0.408	0.413	9.29
46)		2-Chloroethyl vinyl	0.141	0.102	0.123	0.114	0.111	0.110	0.117	11.60
47)		cis-1,3-Dichloropro	0.558	0.399	0.501	0.474	0.469	0.465	0.478	10.83
48)	I	Chlorobenzene-d5	----------ISTD----------							
49)	S	Toluene-d8	1.227	1.224	1.258	1.291	1.320	1.372	1.282	4.50
50)	C	Toluene	1.940	1.295	1.698	1.606	1.609	1.641	1.631	12.70
51)		2-Nitropropane	0.058	0.049	0.079	0.091	0.103	0.113	0.082	30.67
		---- Linear regr., Force(0,0) ---- Coefficient = 0.9935								
		Response Ratio = 0.00000 + 0.10677 *A								
52)		4-Methyl-2-pentanon	0.569	0.410	0.496	0.466	0.455	0.456	0.475	11.25
53)		trans-1,3-Dichlorop	0.596	0.457	0.581	0.558	0.562	0.572	0.554	8.97
54)		Tetrachloroethene	0.430	0.315	0.442	0.422	0.416	0.428	0.409	11.45
55)		1,1,2-Trichloroetha	0.379	0.269	0.329	0.314	0.319	0.326	0.323	10.90
56)		Dibromochloromethan	0.447	0.338	0.450	0.444	0.459	0.477	0.436	11.36
57)		1,3-Dichloropropane	0.735	0.546	0.668	0.630	0.635	0.649	0.644	9.50
58)		1,2-Dibromoethane	0.485	0.347	0.430	0.413	0.418	0.434	0.421	10.50
59)		2-hexanone	0.429	0.301	0.365	0.342	0.337	0.340	0.352	12.22
60)		1-Chlorohexane	0.513	0.377	0.549	0.521	0.519	0.532	0.502	12.42
61)	C	Ethylbenzene	2.088	1.457	1.884	1.760	1.728	1.734	1.775	11.68
62)	P	Chlorobenzene	1.241	0.893	1.132	1.058	1.050	1.054	1.071	10.65
63)		1,1,1,2-Tetrachloro	0.420	0.300	0.399	0.385	0.397	0.408	0.385	11.24
64)		m,p-Xylene	1.631	1.143	1.491	1.379	1.331	1.309	1.381	12.09
65)		o-Xylene	1.650	1.200	1.558	1.453	1.464	1.478	1.467	10.28
66)		Styrene	1.337	1.001	1.292	1.238	1.244	1.267	1.230	9.58
67)	P	Bromoform	0.280	0.218	0.294	0.298	0.319	0.339	0.291	14.26
68)		Isopropylbenzene	1.755	1.254	1.718	1.606	1.619	1.656	1.601	11.21
69)	I	1,4-Dichlorobenzene-d	----------ISTD----------							
70)	S	4-Bromofluorobenzen	0.933	0.930	0.927	0.937	0.932	0.938	0.933	0.44
71)		n-Propylbenzene	4.075	2.998	4.039	3.713	3.585	3.530	3.657	10.79
72)		Bromobenzene	1.050	0.762	0.920	0.868	0.852	0.844	0.883	10.96
73)	P	1,1,2,2-Tetrachloro	1.208	0.829	0.963	0.906	0.896	0.881	0.947	14.25
74)		1,3,5-Trimethylbenz	2.990	2.148	2.880	2.659	2.601	2.549	2.638	11.15
75)		2-Chlorotoluene	2.961	2.181	2.764	2.544	2.499	2.451	2.566	10.49
76)		trans-1,4-Dichloro-	0.244	0.166	0.218	0.221	0.231	0.232	0.219	12.45
77)		1,2,3-Trichloroprop	0.345	0.271	0.310	0.292	0.285	0.281	0.297	8.93
78)		Cyclohexanone	0.052	0.057	0.055	0.056	0.056	0.056	0.055	2.80
79)		4-Chlorotoluene	2.731	1.973	2.511	2.322	2.261	2.227	2.338	11.08
80)		tert-Butylbenzene	1.691	1.217	1.634	1.499	1.460	1.432	1.489	11.24
81)		1,2,4-Trimethylbenz	3.224	2.322	2.954	2.745	2.688	2.632	2.761	11.07
82)		sec-Butylbenzene	3.603	2.667	3.683	3.377	3.316	3.264	3.318	10.82
83)		4-Isopropyltoluene	3.058	2.223	3.035	2.790	2.754	2.705	2.761	10.95
84)		1,3-Dichlorobenzene	1.891	1.352	1.700	1.603	1.582	1.570	1.616	10.93
85)		1,4-Dichlorobenzene	1.941	1.393	1.727	1.616	1.598	1.577	1.642	11.08
86)		n-Butylbenzene	1.741	1.264	1.753	1.625	1.597	1.575	1.593	11.12
87)		Benzyl Chloride	0.391	0.282	0.388	0.388	0.388	0.385	0.370	11.66
88)		1,2-Dichlorobenzene	1.883	1.349	1.675	1.568	1.549	1.539	1.594	11.08
89)		1,2-Dibromo-3-Chlor	0.245	0.180	0.212	0.202	0.201	0.207	0.208	10.23
90)		Hexachlorobutadiene	0.511	0.337	0.484	0.440	0.452	0.454	0.446	13.38
91)		1,2,4-Trichlorobenz	1.301	0.930	1.160	1.084	1.095	1.094	1.111	10.83
92)		Naphthalene	3.842	2.810	3.467	3.246	3.252	3.270	3.315	10.15

Initial Calibration Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VN480-ICC480
Lab FileID: N0011308.D

```
93)     1,2,3-Trichlorobenz 1.215 0.886 1.124 1.041 1.052 1.052 1.062  10.20

94) I   Tert Butyl Alcohol-d1 ----------------ISTD---------------------
95)     Tert Butyl Alcohol  1.569 1.170 1.293 1.237 1.247 1.241 1.293  10.90
96)     tert Amyl alcohol   1.179 0.929 1.021 1.062 1.121 1.063 1.062   8.06
97)     1,4-Dioxane         0.157 0.132 0.164 0.154 0.153 0.144 0.151   7.58
---------------------------------------------------------------------------
(#) = Out of Range

          8260N.M           Thu Apr 27 11:04:59 2006
```

Initial Calibration Verification

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VN480-ICV480
Lab FileID: N0011311.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\2\DATA\042606\N0011311.D Vial: 7
Acq On : 26 Apr 2006 2:40 pm Operator: calvins
Sample : icv480-4 Inst : MSVOA8
Misc : ms5750,vn480,,,,,1 Multiplr: 1.00
MS Integration Params: Rteint.p

Method : C:\MSDCHEM\2\METHODS\8260N.M (RTE Integrator)
Title : SW-846 Method 5030B/8260B & EPA 624
Last Update : Wed Apr 26 14:38:18 2006
Response via : Multiple Level Calibration

Min. RRF : 0.001 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	Fluorobenzene	1.000	1.000	0.0	99	0.00	11.17
2		Dichlorodifluoromethane	0.321	0.351	-9.3	104	0.00	4.50
3	P	Chloromethane	0.306	0.331	-8.2	108	0.00	4.88
4	C	Vinyl Chloride	0.231	0.253	-9.5	106	0.00	5.09
		----------	Amount	Calc.	%Drift		----------	
5		Bromomethane	40.000	37.419	6.5	94	0.00	5.69
		----------	AvgRF	CCRF	%Dev		----------	
6		Chloroethane	0.113	0.114	-0.9	98	0.00	5.91
7		Trichlorofluoromethane	0.303	0.344	-13.5	108	0.01	6.18
8		Ethyl Ether	0.162	0.145	10.5	90	0.00	6.61
9		1,2-Dichlorotrifluoroetha	0.273	0.290	-6.2	112	0.00	6.91
10	C	1,1-Dichloroethene	0.371	0.370	0.3	97	0.00	6.99
11		Freon 113	0.230	0.226	1.7	94	0.00	7.04
12		Carbon Disulfide	0.799	0.742	7.1	94	0.00	7.10
13		Iodomethane	0.489	0.448	8.4	92	0.00	7.25
14		Acrolein	0.015	0.009	40.0#	62	0.00	7.47
		----------	Amount	Calc.	%Drift		----------	
15		Methylene Chloride	40.000	39.349	1.6	96	0.00	7.84
16		Acetone	200.000	198.084	1.0	94	0.00	7.87
		----------	AvgRF	CCRF	%Dev		----------	
17		Methyl acetate	0.272	0.234	14.0	89	0.00	8.03
18		trans-1,2-Dichloroethene	0.395	0.397	-0.5	100	0.00	8.07
19		Hexane	0.249	0.242	2.8	96	0.00	8.15
20		Methyl Tert Butyl Ether	0.878	0.843	4.0	97	0.00	8.19
21		Di-isopropyl ether	0.976	0.944	3.3	98	0.00	8.67
22	P	1,1-Dichloroethane	0.485	0.495	-2.1	101	0.00	8.91
23		Acrylonitrile	0.109	0.119	-9.2	103	0.00	8.96
24		ETBE	0.807	0.873	-8.2	110	0.00	9.16
25		Vinyl acetate	0.410	0.638	-55.6#	151	0.00	9.16
26		cis-1,2-Dichloroethene	0.324	0.309	4.6	96	0.00	9.63
27		2,2-Dichloropropane	0.344	0.385	-11.9	112	0.00	9.78
28		Bromochloromethane	0.177	0.167	5.6	94	0.00	9.89
29		Cyclohexane	0.456	0.447	2.0	95	0.00	9.94
30	C	Chloroform	0.514	0.517	-0.6	101	0.00	9.94
31		Tetrahydrofuran	0.115	0.123	-7.0	116	0.00	10.17
32	S	Dibromofluoromethane	0.262	0.264	-0.8	100	0.00	10.17
33		Carbon Tetrachloride	0.389	0.439	-12.9	104	0.00	10.18
34		1,1,1-Trichloroethane	0.423	0.436	-3.1	101	0.00	10.26

Initial Calibration Verification

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VN480-ICV480
Lab FileID: N0011311.D

35		2-Butanone	0.183	0.172	6.0	95	0.00	10.29
36		1,1-Dichloropropene	0.369	0.380	-3.0	100	0.00	10.39
37		Benzene	1.159	1.137	1.9	99	0.00	10.70
38		TAME	0.847	0.842	0.6	99	0.00	10.77
39	S	1,2-Dichloroethane-d4	0.300	0.300	0.0	99	0.00	10.85
40		1,2-Dichloroethane	0.418	0.417	0.2	100	0.00	10.93
41		Trichloroethene	0.299	0.301	-0.7	100	0.00	11.38
42		Methylcyclohexane	0.457	0.478	-4.6	101	0.00	11.41
43		Dibromomethane	0.201	0.200	0.5	102	0.00	11.90
44	C	1,2-Dichloropropane	0.296	0.294	0.7	99	0.00	12.00
45		Bromodichloromethane	0.413	0.404	2.2	97	0.00	12.04
46		2-Chloroethyl vinyl ether	0.117	0.219	-87.2#	189	0.00	12.63
47		cis-1,3-Dichloropropene	0.478	0.498	-4.2	104	0.00	12.76
48	I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00	14.74
49	S	Toluene-d8	1.282	1.278	0.3	99	0.00	12.98
50	C	Toluene	1.631	1.598	2.0	100	0.00	13.04
		----------	Amount	Calc.	%Drift		----------	
51		2-Nitropropane	200.000	175.503	12.2	103	0.00	13.28
		----------	AvgRF	CCRF	%Dev		----------	
52		4-Methyl-2-pentanone	0.475	0.464	2.3	100	0.00	13.40
53		trans-1,3-Dichloropropene	0.554	0.614	-10.8	110	0.00	13.47
54		Tetrachloroethene	0.409	0.426	-4.2	101	0.00	13.50
55		1,1,2-Trichloroethane	0.323	0.316	2.2	101	0.00	13.67
56		Dibromochloromethane	0.436	0.442	-1.4	100	0.00	13.90
57		1,3-Dichloropropane	0.644	0.626	2.8	100	0.00	13.99
58		1,2-Dibromoethane	0.421	0.417	1.0	101	0.00	14.21
59		2-hexanone	0.352	0.341	3.1	100	0.00	14.32
60		1-Chlorohexane	0.502	0.528	-5.2	102	0.00	14.66
61	C	Ethylbenzene	1.775	1.738	2.1	99	0.00	14.74
62	P	Chlorobenzene	1.071	1.073	-0.2	102	0.00	14.76
63		1,1,1,2-Tetrachloroethane	0.385	0.395	-2.6	103	0.00	14.81
64		m,p-Xylene	1.381	1.381	0.0	100	0.00	14.88
65		o-Xylene	1.467	1.464	0.2	101	0.00	15.38
66		Styrene	1.230	1.209	1.7	98	0.00	15.42
67	P	Bromoform	0.291	0.309	-6.2	104	0.00	15.52
68		Isopropylbenzene	1.601	1.679	-4.9	105	0.00	15.70
69	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00	17.29
70	S	4-Bromofluorobenzene	0.933	0.924	1.0	99	0.00	16.06
71		n-Propylbenzene	3.657	3.703	-1.3	100	0.00	16.15
72		Bromobenzene	0.883	0.857	2.9	99	0.00	16.21
73	P	1,1,2,2-Tetrachloroethane	0.947	0.924	2.4	102	0.00	16.22
74		1,3,5-Trimethylbenzene	2.638	2.645	-0.3	100	0.00	16.34
75		2-Chlorotoluene	2.566	2.559	0.3	101	0.00	16.38
76		trans-1,4-Dichloro-2-Bute	0.219	0.254	-16.0	115	0.00	16.42
77		1,2,3-Trichloropropane	0.297	0.297	0.0	102	0.00	16.41
78		Cyclohexanone	0.055	0.029	47.3#	52	0.00	16.50
79		4-Chlorotoluene	2.338	2.341	-0.1	101	0.00	16.56
80		tert-Butylbenzene	1.489	1.497	-0.5	100	0.00	16.72
81		1,2,4-Trimethylbenzene	2.761	2.708	1.9	99	0.00	16.78
82		sec-Butylbenzene	3.318	3.414	-2.9	101	0.00	16.91
83		4-Isopropyltoluene	2.761	2.792	-1.1	100	0.00	17.04
84		1,3-Dichlorobenzene	1.616	1.622	-0.4	102	0.00	17.22
85		1,4-Dichlorobenzene	1.642	1.649	-0.4	102	0.00	17.31
86		n-Butylbenzene	1.593	1.659	-4.1	102	0.00	17.51
87		Benzyl Chloride	0.370	0.421	-13.8	109	0.00	17.55
88		1,2-Dichlorobenzene	1.594	1.581	0.8	101	0.00	17.78

Initial Calibration Verification

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VN480-ICV480
Lab FileID: N0011311.D

89		1,2-Dibromo-3-Chloropropa	0.208	0.206	1.0	102	0.00	18.62
90		Hexachlorobutadiene	0.446	0.460	-3.1	105	0.00	19.29
91		1,2,4-Trichlorobenzene	1.111	1.117	-0.5	103	0.00	19.37
92		Naphthalene	3.315	3.296	0.6	102	0.00	19.76
93		1,2,3-Trichlorobenzene	1.062	1.052	0.9	101	0.00	19.98
94	I	Tert Butyl Alcohol-d10	1.000	1.000	0.0	105	0.00	8.14
95		Tert Butyl Alcohol	1.293	1.221	5.6	103	0.00	8.25
96		tert Amyl alcohol	1.062	1.057	0.5	104	0.00	10.93
97		1,4-Dioxane	0.151	0.142	6.0	96	0.00	12.25

(#) = Out of Range SPCC's out = 0 CCC's out = 0
N0011308.D 8260N.M Thu Apr 27 11:04:40 2006

Continuing Calibration Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VN493-CC480
Lab FileID: N0011582.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\2\DATA\050906\N0011582.D Vial: 1
Acq On : 9 May 2006 9:15 am Operator: calvins
Sample : cc480-4 Inst : MSVOA8
Misc : ms6034,vn493,,,,,1 Multiplr: 1.00
MS Integration Params: Rteint.p

Method : C:\MSDCHEM\2\METHODS\8260N.M (RTE Integrator)
Title : SW-846 Method 5030B/8260B & EPA 624
Last Update : Wed Apr 26 14:38:18 2006
Response via : Multiple Level Calibration

Min. RRF : 0.001 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	Fluorobenzene	1.000	1.000	0.0	85	0.00	11.18
2		Dichlorodifluoromethane	0.321	0.228	29.0#	58	0.01	4.52
3	P	Chloromethane	0.306	0.287	6.2	81	0.00	4.88
4	C	Vinyl Chloride	0.231	0.228	1.3	83	0.00	5.08
			Amount	Calc.	%Drift			
5		Bromomethane	40.000	59.046	-47.6#	116	0.00	5.69
			AvgRF	CCRF	%Dev			
6		Chloroethane	0.113	0.136	-20.4#	101	0.00	5.92
7		Trichlorofluoromethane	0.303	0.435	-43.6#	118	0.00	6.16
8		Ethyl Ether	0.162	0.189	-16.7	101	0.00	6.61
9		1,2-Dichlorotrifluoroetha	0.273	0.265	2.9	88	0.00	6.91
10	C	1,1-Dichloroethene	0.371	0.391	-5.4	88	0.00	6.99
11		Freon 113	0.230	0.251	-9.1	90	0.00	7.04
12		Carbon Disulfide	0.799	0.790	1.1	86	0.00	7.10
13		Iodomethane	0.489	0.468	4.3	82	0.00	7.25
14		Acrolein	0.015	0.019	-26.7#	110	0.01	7.48
			Amount	Calc.	%Drift			
15		Methylene Chloride	40.000	43.062	-7.7	90	0.00	7.84
16		Acetone	200.000	265.107	-32.6#	109	0.00	7.88
			AvgRF	CCRF	%Dev			
17		Methyl acetate	0.272	0.215	21.0#	70	0.00	8.03
18		trans-1,2-Dichloroethene	0.395	0.392	0.8	85	0.00	8.07
19		Hexane	0.249	0.256	-2.8	87	0.00	8.16
20		Methyl Tert Butyl Ether	0.878	0.749	14.7	75	0.00	8.19
21		Di-isopropyl ether	0.976	0.888	9.0	80	0.00	8.67
22	P	1,1-Dichloroethane	0.485	0.485	0.0	85	0.00	8.92
23		Acrylonitrile	0.109	0.114	-4.6	84	0.00	8.96
24		ETBE	0.807	0.747	7.4	81	0.00	9.16
25		Vinyl acetate	0.410	0.444	-8.3	91	0.00	9.16
26		cis-1,2-Dichloroethene	0.324	0.323	0.3	86	0.00	9.63
27		2,2-Dichloropropane	0.344	0.342	0.6	86	0.00	9.78
28		Bromochloromethane	0.177	0.178	-0.6	86	0.00	9.89
29		Cyclohexane	0.456	0.422	7.5	77	0.00	9.94
30	C	Chloroform	0.514	0.526	-2.3	89	0.00	9.94
31		Tetrahydrofuran	0.115	0.088	23.5#	72	0.00	10.17
32	S	Dibromofluoromethane	0.262	0.273	-4.2	88	0.00	10.17
33		Carbon Tetrachloride	0.389	0.369	5.1	75	0.00	10.19
34		1,1,1-Trichloroethane	0.423	0.412	2.6	82	0.00	10.26

Continuing Calibration Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VN493-CC480
Lab FileID: N0011582.D

35		2-Butanone	0.183	0.176	3.8	83	0.00	10.30
36		1,1-Dichloropropene	0.369	0.371	-0.5	84	0.00	10.39
37		Benzene	1.159	1.179	-1.7	89	0.00	10.70
38		TAME	0.847	0.752	11.2	76	0.00	10.76
39	S	1,2-Dichloroethane-d4	0.300	0.291	3.0	83	0.00	10.85
40		1,2-Dichloroethane	0.418	0.412	1.4	85	0.00	10.93
41		Trichloroethene	0.299	0.303	-1.3	87	0.00	11.38
42		Methylcyclohexane	0.457	0.465	-1.8	85	0.00	11.41
43		Dibromomethane	0.201	0.204	-1.5	89	0.00	11.90
44	C	1,2-Dichloropropane	0.296	0.302	-2.0	88	0.00	12.00
45		Bromodichloromethane	0.413	0.430	-4.1	89	0.00	12.05
46		2-Chloroethyl vinyl ether	0.117	0.217	-85.5#	161	0.00	12.63
47		cis-1,3-Dichloropropene	0.478	0.501	-4.8	90	0.00	12.76
48	I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00	14.74
49	S	Toluene-d8	1.282	1.161	9.4	89	0.00	12.98
50	C	Toluene	1.631	1.499	8.1	93	0.00	13.04
		----------	Amount	Calc.	%Drift		----------	
51		2-Nitropropane	200.000	199.605	0.2	116	0.00	13.28
		----------	AvgRF	CCRF	%Dev		----------	
52		4-Methyl-2-pentanone	0.475	0.394	17.1	84	0.00	13.40
53		trans-1,3-Dichloropropene	0.554	0.509	8.1	91	0.00	13.47
54		Tetrachloroethene	0.409	0.383	6.4	90	0.00	13.50
55		1,1,2-Trichloroethane	0.323	0.300	7.1	95	0.00	13.67
56		Dibromochloromethane	0.436	0.416	4.6	93	0.00	13.90
57		1,3-Dichloropropane	0.644	0.570	11.5	90	0.00	13.99
58		1,2-Dibromoethane	0.421	0.367	12.8	88	0.00	14.21
59		2-hexanone	0.352	0.297	15.6	86	0.00	14.32
60		1-Chlorohexane	0.502	0.464	7.6	88	0.00	14.66
61	C	Ethylbenzene	1.775	1.727	2.7	97	0.00	14.74
62	P	Chlorobenzene	1.071	1.062	0.8	100	0.00	14.76
63		1,1,1,2-Tetrachloroethane	0.385	0.374	2.9	96	0.00	14.81
64		m,p-Xylene	1.381	1.334	3.4	96	0.00	14.89
65		o-Xylene	1.467	1.344	8.4	92	0.00	15.38
66		Styrene	1.230	1.192	3.1	96	0.00	15.42
67	P	Bromoform	0.291	0.300	-3.1	100	0.00	15.52
68		Isopropylbenzene	1.601	1.523	4.9	94	0.00	15.70
69	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00	17.29
70	S	4-Bromofluorobenzene	0.933	0.803	13.9	89	0.00	16.06
71		n-Propylbenzene	3.657	3.524	3.6	99	0.00	16.15
72		Bromobenzene	0.883	0.821	7.0	99	0.00	16.21
73	P	1,1,2,2-Tetrachloroethane	0.947	0.886	6.4	102	0.00	16.22
74		1,3,5-Trimethylbenzene	2.638	2.417	8.4	95	0.00	16.34
75		2-Chlorotoluene	2.566	2.401	6.4	98	0.00	16.38
76		trans-1,4-Dichloro-2-Bute	0.219	0.209	4.6	98	0.00	16.42
77		1,2,3-Trichloropropane	0.297	0.256	13.8	91	0.00	16.41
78		Cyclohexanone	0.055	0.041	25.5#	77	0.00	16.50
79		4-Chlorotoluene	2.338	2.182	6.7	98	0.00	16.56
80		tert-Butylbenzene	1.489	1.334	10.4	93	0.00	16.72
81		1,2,4-Trimethylbenzene	2.761	2.586	6.3	98	0.00	16.78
82		sec-Butylbenzene	3.318	3.273	1.4	101	0.00	16.91
83		4-Isopropyltoluene	2.761	2.682	2.9	100	0.00	17.04
84		1,3-Dichlorobenzene	1.616	1.580	2.2	103	0.00	17.22
85		1,4-Dichlorobenzene	1.642	1.638	0.2	106	0.00	17.31
86		n-Butylbenzene	1.593	1.614	-1.3	104	0.00	17.51
87		Benzyl Chloride	0.370	0.409	-10.5	110	0.00	17.55
88		1,2-Dichlorobenzene	1.594	1.558	2.3	104	0.00	17.78

Continuing Calibration Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: VN493-CC480
Lab FileID: N0011582.D

89		1,2-Dibromo-3-Chloropropa	0.208	0.155	25.5#	80	0.00	18.62
90		Hexachlorobutadiene	0.446	0.391	12.3	93	0.00	19.29
91		1,2,4-Trichlorobenzene	1.111	1.050	5.5	101	0.00	19.37
92		Naphthalene	3.315	2.953	10.9	95	0.00	19.76
93		1,2,3-Trichlorobenzene	1.062	0.997	6.1	100	0.00	19.99
94	I	Tert Butyl Alcohol-d10	1.000	1.000	0.0	79	0.01	8.15
95		Tert Butyl Alcohol	1.293	1.186	8.3	76	0.00	8.25
96		tert Amyl alcohol	1.062	0.966	9.0	72	0.00	10.93
97		1,4-Dioxane	0.151	0.126	16.6	65	0.00	12.25

(#) = Out of Range SPCC's out = 0 CCC's out = 0
N0011308.D 8260N.M Wed May 10 11:39:31 2006

5.7.7

5

Southeast ACCUTEST LABORATORIES

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (DFTPP)
- Internal Standard Area Summaries
- Surrogate Recovery Summaries
- Initial and Continuing Calibration Summaries

Method Blank Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16431-MB	W028616.D	1	05/01/06	NJ	04/28/06	OP16431	SW1502

The QC reported here applies to the following samples: **Method:** SW846 8270C BY SIM

F40296-1, F40296-2

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	1.0	0.50	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.50	ug/l	
120-12-7	Anthracene	ND	1.0	0.50	ug/l	
56-55-3	Benzo(a)anthracene	ND	0.20	0.050	ug/l	
50-32-8	Benzo(a)pyrene	ND	0.20	0.10	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	0.20	0.050	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	0.20	0.10	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	0.20	0.10	ug/l	
218-01-9	Chrysene	ND	0.20	0.10	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	0.20	0.050	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.25	ug/l	
86-73-7	Fluorene	ND	1.0	0.25	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.20	0.050	ug/l	
90-12-0	1-Methylnaphthalene	ND	1.0	0.25	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.25	ug/l	
91-20-3	Naphthalene	ND	1.0	0.25	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.50	ug/l	
129-00-0	Pyrene	ND	1.0	0.25	ug/l	

CAS No.	Surrogate Recoveries		Limits
4165-60-0	Nitrobenzene-d5	79%	49-119%
321-60-8	2-Fluorobiphenyl	79%	45-118%
1718-51-0	Terphenyl-d14	92%	46-135%

Blank Spike Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16431-BS	W028615.D	1	05/01/06	NJ	04/28/06	OP16431	SW1502

The QC reported here applies to the following samples: **Method:** SW846 8270C BY SIM

F40296-1, F40296-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
83-32-9	Acenaphthene	25	18.2	73	66-110
208-96-8	Acenaphthylene	25	17.8	71	66-117
120-12-7	Anthracene	25	19.2	77	72-112
56-55-3	Benzo(a)anthracene	2.5	2.1	84	72-112
50-32-8	Benzo(a)pyrene	2.5	2.2	88	69-128
205-99-2	Benzo(b)fluoranthene	2.5	1.9	76	70-120
191-24-2	Benzo(g,h,i)perylene	2.5	1.9	76	63-122
207-08-9	Benzo(k)fluoranthene	2.5	2.1	84	73-120
218-01-9	Chrysene	2.5	2.1	84	75-112
53-70-3	Dibenzo(a,h)anthracene	2.5	2.0	80	65-120
206-44-0	Fluoranthene	25	19.3	77	70-115
86-73-7	Fluorene	25	19.0	76	69-110
193-39-5	Indeno(1,2,3-cd)pyrene	2.5	2.0	80	63-123
90-12-0	1-Methylnaphthalene	25	19.2	77	63-111
91-57-6	2-Methylnaphthalene	25	17.8	71	62-110
91-20-3	Naphthalene	25	18.3	73	62-111
85-01-8	Phenanthrene	25	19.3	77	70-111
129-00-0	Pyrene	25	19.9	80	66-117

CAS No.	Surrogate Recoveries	BSP	Limits
4165-60-0	Nitrobenzene-d5	77%	49-119%
321-60-8	2-Fluorobiphenyl	76%	45-118%
1718-51-0	Terphenyl-d14	86%	46-135%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16431-MS	W028618.D	1	05/01/06	NJ	04/28/06	OP16431	SW1502
OP16431-MSD	W028619.D	1	05/01/06	NJ	04/28/06	OP16431	SW1502
F40239-1 [a]	W028631.D	4	05/01/06	NJ	04/28/06	OP16431	SW1502

The QC reported here applies to the following samples: **Method:** SW846 8270C BY SIM

F40296-1, F40296-2

CAS No.	Compound	F40239-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	3.6	J	50	37.6	68	44.9	83	18	50-118/21
208-96-8	Acenaphthylene	ND		50	32.9	66	39.3	79	18	53-121/21
120-12-7	Anthracene	ND		50	34.5	69	40.0	80	15	64-116/16
56-55-3	Benzo(a)anthracene	ND		5	3.6	72	4.3	86	18	55-130/19
50-32-8	Benzo(a)pyrene	ND		5	3.8	76	4.5	90	17	59-133/18
205-99-2	Benzo(b)fluoranthene	ND		5	3.5	70	4.2	84	18	57-128/20
191-24-2	Benzo(g,h,i)perylene	ND		5	3.3	66	4.0	80	19	51-124/22
207-08-9	Benzo(k)fluoranthene	ND		5	3.2	64	4.0	80	22*	59-128/18
218-01-9	Chrysene	ND		5	3.6	72	4.2	84	15	59-125/19
53-70-3	Dibenzo(a,h)anthracene	ND		5	3.5	70	4.2	84	18	50-122/18
206-44-0	Fluoranthene	ND		50	35.3	71	41.7	83	17	49-133/19
86-73-7	Fluorene	4.6		50	35.7	62	46.5	84	26*	53-120/19
193-39-5	Indeno(1,2,3-cd)pyrene	ND		5	3.6	72	4.3	86	18	50-126/21
90-12-0	1-Methylnaphthalene	ND		50	35.0	70	41.2	82	16	47-120/23
91-57-6	2-Methylnaphthalene	ND		50	32.3	65	38.4	77	17	44-120/24
91-20-3	Naphthalene	ND		50	34.1	68	40.2	80	16	45-120/24
85-01-8	Phenanthrene	ND		50	35.8	72	42.6	85	17	59-118/18
129-00-0	Pyrene	ND		50	34.3	69	39.7	79	15	57-124/17

CAS No.	Surrogate Recoveries	MS	MSD	F40239-1	Limits
4165-60-0	Nitrobenzene-d5	70%	82%	77%	49-119%
321-60-8	2-Fluorobiphenyl	71%	82%	79%	45-118%
1718-51-0	Terphenyl-d14	67%	74%	72%	46-135%

(a) Dilution required due to matrix interference.

Instrument Performance Check (DFTPP)

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: SW1499-DFTPP
Lab File ID: W028563.D
Instrument ID: GCMSW
Injection Date: 04/26/06
Injection Time: 11:26

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 80.0% of mass 198	38554	46.6		Pass
68	Less than 2.0% of mass 69	62	0.07	(0.16) [a]	Pass
69	Mass 69 relative abundance	38732	46.8		Pass
70	Less than 2.0% of mass 69	174	0.21	(0.45) [a]	Pass
127	25.0 - 75.0% of mass 198	46221	55.9		Pass
197	Less than 1.0% of mass 198	0	0.0		Pass
198	Base peak, 100% relative abundance	82680	100.0		Pass
199	5.0 - 9.0% of mass 198	5810	7.0		Pass
275	10.0 - 30.0% of mass 198	16356	19.8		Pass
365	1.0 - 100.0% of mass 198	1809	2.2		Pass
441	Present, but less than mass 443	6565	7.9	(79.9) [b]	Pass
442	40.0 - 100.0% of mass 198	43183	52.2		Pass
443	17.0 - 23.0% of mass 442	8212	9.9	(19.0) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
SW1499-IC1499	W028564.D	04/26/06	11:45	00:19	Initial cal 1
SW1499-IC1499	W028565.D	04/26/06	12:16	00:50	Initial cal 2
SW1499-IC1499	W028566.D	04/26/06	12:46	01:20	Initial cal 3
SW1499-ICC1499	W028567.D	04/26/06	13:16	01:50	Initial cal 4
SW1499-IC1499	W028568.D	04/26/06	13:47	02:21	Initial cal 5
SW1499-IC1499	W028569.D	04/26/06	14:17	02:51	Initial cal 6
SW1499-IC1499	W028570.D	04/26/06	14:48	03:22	Initial cal 7
SW1499-ICV1499	W028571.D	04/26/06	15:29	04:03	Initial cal verification 5

Instrument Performance Check (DFTPP)

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: SW1502-DFTPP
Lab File ID: W028613.D
Instrument ID: GCMSW
Injection Date: 05/01/06
Injection Time: 09:01

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
51	30.0 - 80.0% of mass 198	27600	49.8		Pass
68	Less than 2.0% of mass 69	75	0.14	(0.28) [a]	Pass
69	Mass 69 relative abundance	26757	48.3		Pass
70	Less than 2.0% of mass 69	127	0.23	(0.47) [a]	Pass
127	25.0 - 75.0% of mass 198	31540	57.0		Pass
197	Less than 1.0% of mass 198	0	0.0		Pass
198	Base peak, 100% relative abundance	55381	100.0		Pass
199	5.0 - 9.0% of mass 198	3865	7.0		Pass
275	10.0 - 30.0% of mass 198	10964	19.8		Pass
365	1.0 - 100.0% of mass 198	1202	2.2		Pass
441	Present, but less than mass 443	4016	7.3	(83.9) [b]	Pass
442	40.0 - 100.0% of mass 198	25878	46.7		Pass
443	17.0 - 23.0% of mass 442	4785	8.6	(18.5) [c]	Pass

(a) Value is % of mass 69
(b) Value is % of mass 443
(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
SW1502-CC1499	W028614.D	05/01/06	09:21	00:20	Continuing cal 5
OP16431-BS	W028615.D	05/01/06	09:54	00:53	Blank Spike
OP16431-MB	W028616.D	05/01/06	10:25	01:24	Method Blank
OP16431-MS	W028618.D	05/01/06	11:25	02:24	Matrix Spike
OP16431-MSD	W028619.D	05/01/06	11:55	02:54	Matrix Spike Duplicate
ZZZZZZ	W028621.D	05/01/06	12:56	03:55	(unrelated sample)
ZZZZZZ	W028622.D	05/01/06	13:26	04:25	(unrelated sample)
F40296-1	W028623.D	05/01/06	13:57	04:56	JAX-PCA25-MW14-042506
F40296-2	W028624.D	05/01/06	14:28	05:27	JAX-PCA25-MW15-042506
ZZZZZZ	W028625.D	05/01/06	14:58	05:57	(unrelated sample)
ZZZZZZ	W028626.D	05/01/06	15:29	06:28	(unrelated sample)
ZZZZZZ	W028627.D	05/01/06	15:59	06:58	(unrelated sample)
ZZZZZZ	W028628.D	05/01/06	16:30	07:29	(unrelated sample)
ZZZZZZ	W028629.D	05/01/06	17:01	08:00	(unrelated sample)
ZZZZZZ	W028630.D	05/01/06	17:31	08:30	(unrelated sample)
F40239-1	W028631.D	05/01/06	18:01	09:00	(used for QC only; not part of job F40296)
ZZZZZZ	W028632.D	05/01/06	18:31	09:30	(unrelated sample)

Semivolatile Internal Standard Area Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Check Std:	SW1502-CC1499	**Injection Date:**	05/01/06
Lab File ID:	W028614.D	**Injection Time:**	09:21
Instrument ID:	GCMSW	**Method:**	SW846 8270C BY SIM

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
Check Std	258726	5.65	119755	7.80	160799	10.18	93545	15.05	72784	17.53
Upper Limit [a]	517452	6.15	239510	8.30	321598	10.68	187090	15.55	145568	18.03
Lower Limit [b]	129363	5.15	59878	7.30	80400	9.68	46773	14.55	36392	17.03

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT	IS 4 AREA	RT	IS 5 AREA	RT
OP16431-BS	281936	5.64	133557	7.80	178780	10.18	106012	15.05	83183	17.53
OP16431-MB	281874	5.64	129332	7.80	172039	10.18	99795	15.05	77471	17.53
OP16431-MS	249842	5.64	115695	7.80	146379	10.19	92565	15.05	75703	17.54
OP16431-MSD	262091	5.64	119320	7.82	155702	10.20	100153	15.06	81259	17.54
ZZZZZZ	263110	5.64	126460	7.80	178496	10.18	107880	15.05	85252	17.53
ZZZZZZ	267062	5.65	124166	7.80	163581	10.18	98827	15.05	79612	17.53
F40296-1	251691	5.64	118530	7.80	161775	10.18	96644	15.05	79365	17.54
F40296-2	249473	5.64	116257	7.80	144805	10.19	93585	15.06	74259	17.54
ZZZZZZ	245763	5.64	115602	7.80	156274	10.18	96167	15.05	77561	17.53
ZZZZZZ	255260	5.65	120618	7.81	162130	10.18	101846	15.05	79359	17.53
ZZZZZZ	271605	5.64	125728	7.80	164273	10.19	101277	15.05	82129	17.54
ZZZZZZ	266782	5.64	124402	7.81	169932	10.18	102339	15.05	81672	17.53
ZZZZZZ	264946	5.64	122691	7.80	166795	10.18	100224	15.05	79989	17.53
ZZZZZZ	251963	5.64	116281	7.80	157223	10.18	95203	15.05	75802	17.53
F40239-1	239730	5.65	110402	7.80	146944	10.19	86748	15.05	69358	17.53
ZZZZZZ	264372	5.65	123581	7.80	156582	10.19	97893	15.05	78493	17.53

IS 1 = Naphthalene-d8
IS 2 = Acenaphthene-D10
IS 3 = Phenanthrene-d10
IS 4 = Chrysene-d12
IS 5 = Perylene-d12

(a) Upper Limit = + 100% of check standard area; Retention time + 0.5 minutes.
(b) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Semivolatile Surrogate Recovery Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Method: SW846 8270C BY SIM **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
F40296-1	W028623.D	79.0	81.0	87.0
F40296-2	W028624.D	72.0	75.0	83.0
OP16431-BS	W028615.D	77.0	76.0	86.0
OP16431-MB	W028616.D	79.0	79.0	92.0
OP16431-MS	W028618.D	70.0	71.0	67.0
OP16431-MSD	W028619.D	82.0	82.0	74.0

Surrogate Compounds	Recovery Limits
S1 = Nitrobenzene-d5	49-119%
S2 = 2-Fluorobiphenyl	45-118%
S3 = Terphenyl-d14	46-135%

Initial Calibration Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: SW1499-ICC1499
Lab FileID: W028567.D

Response Factor Report MSBNA01

Method : C:\HPCHEM\1\METHODS\SIM_PAH.M (RTE Integrator)
Title : PAH's by 8270 SIM
Last Update : Thu Apr 27 13:33:54 2006
Response via : Initial Calibration

Calibration Files
L1 =W028564.D L2 =W028565.D L3 =W028566.D L4 =W028567.D
L5 =W028568.D L6 =W028569.D L7 =W028570.D icv =W028571.D

Compound	L1	L2	L3	L4	L5	L6	L7	icv	Avg	%RSD
1) I Naphthalene-d8				----------ISTD----------						
2) Nitrobenzene	0.392	0.419	0.446	0.467	0.463	0.412	0.420		0.431	6.47
3) N-nitroso-di		0.162	0.168	0.172	0.165	0.147	0.142		0.159	7.50
4) Naphthalene	1.063	1.069	1.111	1.062	1.066	0.955	0.960		1.041	5.74
5) 2-Methylnaph	0.668	0.689	0.733	0.712	0.701	0.629	0.620		0.679	6.21
6) 1-Methylnaph	0.615	0.629	0.660	0.657	0.646	0.582	0.573		0.623	5.61
7) I Acenaphthene-d10				----------ISTD----------						
8) Hexachlorocy		0.307	0.355	0.373	0.386	0.378	0.364		0.360	7.92
9) 2-Fluorobiph	1.439	1.517	1.670	1.689	1.658	1.529	1.577		1.583	5.92
10) Acenaphthyle	2.023	2.083	2.229	2.189	2.211	1.962	1.958		2.093	5.59
11) Acenaphthene	1.238	1.290	1.361	1.364	1.325	1.278	1.260		1.302	3.78
12) 2,4-Dinitrop		0.132	0.166	0.179	0.205	0.198	0.217		0.183	16.95
13) 4-Nitropheno		0.247	0.279	0.287	0.277	0.277	0.311		0.279	7.27
14) Fluorene	1.312	1.353	1.476	1.437	1.442	1.356	1.315		1.385	4.79
15) I Phenanthrene-d10				----------ISTD----------						
16) Phenanthrene	1.317	1.327	1.392	1.380	1.397	1.280	1.266		1.337	4.00
17) Anthracene	1.283	1.318	1.411	1.372	1.412	1.273	1.251		1.331	5.04
18) Fluoranthene	1.218	1.259	1.348	1.343	1.385	1.252	1.231		1.291	5.13
19) I Chrysene-d12				----------ISTD----------						
20) Pyrene	2.017	2.126	2.340	2.262	2.329	2.110	2.061		2.178	6.01
21) Terphenyl-d1	0.826	0.872	0.973	1.002	1.024	0.950	0.917		0.938	7.55
22) Benzo[a]anth	1.540	1.528	1.653	1.691	1.777	1.735	1.712		1.662	5.75
23) Chrysene	1.465	1.523	1.672	1.732	1.794	1.727	1.680		1.656	7.19
24) I Perylene-d12				----------ISTD----------						
25) Benzo[b]fluo	1.217	1.288	1.443	1.570	1.850	1.705	1.701		1.539	15.17
---- Linear regr., Force(0,0) ---- Coefficient = 0.9983										
Response Ratio = 0.00000 + 1.71037 *A										
26) Benzo[k]fluo	1.428	1.505	1.627	1.723	1.718	1.663	1.714		1.625	7.14
27) Benzo[a]pyre	1.096	1.158	1.306	1.394	1.521	1.489	1.498		1.352	12.66
28) Indeno[1,2,3	0.870	0.927	1.033	1.129	1.193	1.162	1.203		1.074	12.41
29) Dibenz[a,h]a	0.829	0.919	0.983	1.119	1.190	1.138	1.184		1.052	13.50
30) Benzo[g,h,i]	1.075	1.146	1.258	1.331	1.409	1.367	1.387		1.282	10.01

(#) = Out of Range ### Number of calibration levels exceeded format ###

SIM_PAH.M Thu Apr 27 13:34:22 2006

Initial Calibration Verification

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: SW1499-ICV1499
Lab FileID: W028571.D

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\042606\W028571.D Vial: 12
Acq On : 26 Apr 2006 3:29 pm Operator: nareshj
Sample : icv1499-5 Inst : MSBNA01
Misc : op16374,sw1499,1000,,,1,1,water Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\SIM_PAH.M (RTE Integrator)
Title : PAH's by 8270 SIM
Last Update : Thu Apr 27 13:33:54 2006
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Drift	Area%	Dev(min)	R.T.
1	I	Naphthalene-d8	4.000	4.000	0.0	83	0.00	5.64
2	S	Nitrobenzene-d5		----------NA----------				
3	P	N-nitroso-di-n-propylamin		----------NA----------				
4		Naphthalene	25.000	22.577	9.7	0	0.00	5.66
5		2-Methylnaphthalene	25.000	22.104	11.6	0	0.00	6.39
6		1-Methylnaphthalene	25.000	23.439	6.2	0	0.00	6.52
7	I	Acenaphthene-d10	4.000	4.000	0.0	82	0.00	7.80
8	P	Hexachlorocyclopentadiene		----------NA----------				
9	S	2-Fluorobiphenyl		----------NA----------				
10		Acenaphthylene	25.000	23.151	7.4	0	0.00	7.58
11	C	Acenaphthene	25.000	22.952	8.2	0	0.00	7.85
12	P	2,4-Dinitrophenol		----------NA----------				
13	P	4-Nitrophenol		----------NA----------				
14		Fluorene	25.000	23.364	6.5	0	0.00	8.63
15	I	Phenanthrene-d10	4.000	4.000	0.0	83	0.00	10.18
16		Phenanthrene	25.000	23.221	7.1	0	0.00	10.22
17		Anthracene	25.000	23.051	7.8	0	0.00	10.30
18	C	Fluoranthene	25.000	22.775	8.9	0	0.00	12.37
19	I	Chrysene-d12	4.000	4.000	0.0	82	0.00	15.04
20		Pyrene	25.000	23.382	6.5	0	0.00	12.76
21	S	Terphenyl-d14		----------NA----------				
22		Benzo[a]anthracene	2.500	2.313	7.5	0	0.00	15.02
23		Chrysene	2.500	2.385	4.6	0	0.00	15.09
24	I	Perylene-d12	4.000	4.000	0.0	82	0.00	17.53
		----------	Amount	Calc.	%Drift		----------	
25		Benzo[b]fluoranthene	2.500	2.257	9.7	0	0.00	16.92
		----------	Amount	Calc.	%Drift		----------	
26		Benzo[k]fluoranthene	2.500	2.260	9.6	0	0.00	16.96
27	C	Benzo[a]pyrene	2.500	2.484	0.6	0	0.00	17.43
28		Indeno[1,2,3-cd]pyrene	2.500	2.451	2.0	0	0.00	19.10
29		Dibenz[a,h]anthracene	2.500	2.471	1.2	0	0.00	19.16
30		Benzo[g,h,i]perylene	2.500	2.424	3.0	0	0.00	19.44

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Initial Calibration Verification

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: SW1499-ICV1499
Lab FileID: W028571.D

W028571.D SIM_PAH.M Thu Apr 27 13:34:43 2006

Continuing Calibration Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: SW1502-CC1499
Lab FileID: W028614.D

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\050106\W028614.D Vial: 2
Acq On : 1 May 2006 9:21 am Operator: nareshj
Sample : cc1499-5 Inst : MSBNA01
Misc : op16374,sw1502,1000,,,1,1,water Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\SIM_PAH.M (RTE Integrator)
Title : PAH's by 8270 SIM
Last Update : Thu Apr 27 13:33:54 2006
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	Naphthalene-d8	1.000	1.000	0.0	97	0.00	5.65
2	S	Nitrobenzene-d5	0.431	0.454	-5.3	95	0.01	5.04
3	P	N-nitroso-di-n-propylamin	0.159	0.154	3.1	91	0.00	4.94
4		Naphthalene	1.041	1.073	-3.1	98	0.01	5.66
5		2-Methylnaphthalene	0.679	0.711	-4.7	98	0.01	6.40
6		1-Methylnaphthalene	0.623	0.644	-3.4	97	0.00	6.52
7	I	Acenaphthene-d10	1.000	1.000	0.0	98	0.00	7.80
8	P	Hexachlorocyclopentadiene	0.360	0.336	6.7	85	0.00	6.67
9	S	2-Fluorobiphenyl	1.583	1.675	-5.8	99	0.00	6.89
10		Acenaphthylene	2.093	2.161	-3.2	95	0.00	7.58
11	C	Acenaphthene	1.302	1.315	-1.0	97	0.00	7.85
12	P	2,4-Dinitrophenol	0.183	0.174	4.9	83	0.01	7.97
13	P	4-Nitrophenol	0.279	0.284	-1.8	100	0.04	8.17
14		Fluorene	1.385	1.450	-4.7	98	0.01	8.64
15	I	Phenanthrene-d10	1.000	1.000	0.0	100	0.00	10.18
16		Phenanthrene	1.337	1.383	-3.4	99	0.00	10.22
17		Anthracene	1.331	1.359	-2.1	96	0.00	10.30
18	C	Fluoranthene	1.291	1.333	-3.3	96	0.00	12.37
19	I	Chrysene-d12	1.000	1.000	0.0	95	0.00	15.05
20		Pyrene	2.178	2.362	-8.4	97	0.01	12.76
21	S	Terphenyl-d14	0.938	1.078	-14.9	100	0.00	13.20
22		Benzo[a]anthracene	1.662	1.822	-9.6	98	0.00	15.02
23		Chrysene	1.656	1.824	-10.1	97	0.00	15.09
24	I	Perylene-d12	1.000	1.000	0.0	93	0.00	17.53
		----------	Amount	Calc.	%Drift		----------	
25		Benzo[b]fluoranthene	2.000	1.982	0.9	85	0.00	16.93
		----------	AvgRF	CCRF	%Dev		----------	
26		Benzo[k]fluoranthene	1.625	1.863	-14.6	101	0.00	16.97
27	C	Benzo[a]pyrene	1.352	1.536	-13.6	94	0.00	17.43
28		Indeno[1,2,3-cd]pyrene	1.074	1.011	5.9	79	0.00	19.11
29		Dibenz[a,h]anthracene	1.052	1.039	1.2	81	0.00	19.16
30		Benzo[g,h,i]perylene	1.282	1.157	9.8	77	0.00	19.44

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Continuing Calibration Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: SW1502-CC1499
Lab FileID: W028614.D

W028568.D SIM_PAH.M Tue May 02 15:30:56 2006

Southeast ACCUTEST LABORATORIES

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries
- GC Surrogate Retention Time Summaries
- Initial and Continuing Calibration Summaries

Method Blank Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16460-MB	DD31168.D	1	05/01/06	KE	05/01/06	OP16460	GDD880

The QC reported here applies to the following samples: **Method:** EPA 504.1

F40296-1, F40296-2

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.020	0.010	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	100%	60-139%

Method Blank Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16460-MB	DD31234.D	1	05/03/06	KE	05/01/06	OP16460	GDD882

The QC reported here applies to the following samples: **Method:** EPA 504.1

F40296-1, F40296-2

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.020	0.010	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	104%	60-139%

Blank Spike Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16460-BS	DD31166.D	1	05/01/06	KE	05/01/06	OP16460	GDD880

The QC reported here applies to the following samples: **Method:** EPA 504.1

F40296-1, F40296-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.20	80	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	94%	60-139%

Blank Spike Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16460-BS2	DD31167.D	1	05/01/06	KE	05/01/06	OP16460	GDD880

The QC reported here applies to the following samples: **Method:** EPA 504.1

F40296-1, F40296-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.21	84	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	99%	60-139%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16460-MS [a]	DD31254.D	40	05/03/06	KE	05/01/06	OP16460	GDD882
OP16460-MSD [a]	DD31255.D	40	05/03/06	KE	05/01/06	OP16460	GDD882
F40282-2 [a]	DD31253.D	40	05/03/06	KE	05/01/06	OP16460	GDD882

The QC reported here applies to the following samples: **Method:** EPA 504.1

F40296-1, F40296-2

CAS No.	Compound	F40282-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
106-93-4	1,2-Dibromoethane	0.77	U	0.236	ND	0*	ND	0*	nc	65-135/25

CAS No.	Surrogate Recoveries	MS	MSD	F40282-2	Limits
460-00-4	4-Bromofluorobenzene	0%* [b]	0%* [b]	0%* [b]	60-139%

(a) Dilution required due to matrix interference.
(b) Outside control limits due to dilution.

Volatile Surrogate Recovery Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Method: EPA 504.1 **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]
F40296-1	DD31241.D	82.0
F40296-2	DD31240.D	95.0
OP16460-BS	DD31166.D	94.0
OP16460-BS2	DD31167.D	99.0
OP16460-MB	DD31168.D	100.0
OP16460-MB	DD31234.D	104.0
OP16460-MS	DD31254.D	0.0* [b]
OP16460-MSD	DD31255.D	0.0* [b]

Surrogate Compounds	Recovery Limits
S1 = 4-Bromofluorobenzene	60-139%

(a) Recovery from GC signal #2
(b) Outside control limits due to dilution.

GC Surrogate Retention Time Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Check Std:	GDD882-ICC882	**Injection Date:**	05/03/06
Lab File ID:	DD31228.D	**Injection Time:**	12:05
Instrument ID:	GCDD	**Method:**	EPA 504.1

	S1 [a] **RT**
Check Std	6.78

Lab Sample ID	**Lab File ID**	**Date Analyzed**	**Time Analyzed**	**S1** [a] **RT**
OP16460-MB	DD31234.D	05/03/06	14:33	6.78
ZZZZZZ	DD31236.D	05/03/06	15:13	6.79
ZZZZZZ	DD31237.D	05/03/06	15:33	6.78
ZZZZZZ	DD31238.D	05/03/06	15:54	6.79
ZZZZZZ	DD31239.D	05/03/06	16:14	6.79
F40296-2	DD31240.D	05/03/06	16:34	6.79
F40296-1	DD31241.D	05/03/06	16:54	6.79
ZZZZZZ	DD31243.D	05/03/06	17:34	6.79

Surrogate Compounds

S1 = 4-Bromofluorobenzene

(a) Retention time from GC signal #2

GC Surrogate Retention Time Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Check Std:	GDD882-CC882	**Injection Date:**	05/03/06
Lab File ID:	DD31251.D	**Injection Time:**	20:13
Instrument ID:	GCDD	**Method:**	EPA 504.1

	S1 [a] RT	S1 [b] RT
Check Std	7.04	6.79

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	S1 [a] RT	S1 [b] RT
F40282-2	DD31253.D	05/03/06	20:53		0.00
OP16460-MS	DD31254.D	05/03/06	21:13		0.00
OP16460-MSD	DD31255.D	05/03/06	21:33		0.00
GDD882-ECC882	DD31256.D	05/03/06	21:53	7.04	6.79

Surrogate Compounds

S1 = 4-Bromofluorobenzene

(a) Retention time from GC signal #1
(b) Retention time from GC signal #2

GC Surrogate Retention Time Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Check Std:	GDD880-CC880	**Injection Date:**	05/01/06
Lab File ID:	DD31164.D	**Injection Time:**	20:02
Instrument ID:	GCDD	**Method:**	EPA 504.1

	S1 [a] RT
Check Std	6.79

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	S1 [a] RT
OP16460-BS	DD31166.D	05/01/06	20:42	6.78
OP16460-BS2	DD31167.D	05/01/06	21:02	6.78
OP16460-MB	DD31168.D	05/01/06	21:22	6.78
ZZZZZZ	DD31169.D	05/01/06	21:42	6.78
ZZZZZZ	DD31171.D	05/01/06	22:22	6.78
ZZZZZZ	DD31172.D	05/01/06	22:42	6.78
ZZZZZZ	DD31173.D	05/01/06	23:02	6.78
ZZZZZZ	DD31174.D	05/01/06	23:22	6.78
ZZZZZZ	DD31175.D	05/01/06	23:42	6.79

Surrogate Compounds

S1 = 4-Bromofluorobenzene

(a) Retention time from GC signal #2

Initial Calibration Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GDD880-ICC880
Lab FileID: DD31141.D

```
                         Response Factor Report  ECD 4

  Method       : C:\HPCHEM\2\METHODS\504_1.M (Chemstation Integrator)
  Title        : EDB/DBCP by EPA 504/504.1 or SW846 8011
  Last Update  : Mon May 01 13:15:49 2006
  Response via : Initial Calibration

  Calibration Files
  1   =DD31144.D   .75 =DD31143.D   .50 =DD31142.D   .25 =DD31141.D
  0.1 =DD31140.D   0.02=DD31139.D   icv =DD31146.D

     Compound             1     .75   .50   .25   0.1   0.02  icv   Avg   %RSD
  ---------------------------------------------------------------------------
  1)  1,2-Dibromoethane 1.008 1.010 0.969 1.061 1.192 1.197       1.073 E6   9.20
  2)S 4-Bromofluorobenz 7.978 8.071 7.875 8.333 9.555 8.902       8.452 E4   7.73
  3)  1,2,3-Trichloropr 1.960 1.976 1.946 2.041 2.273 2.413       2.101 E5   9.27
  4)  1,2-Dibromo-3-chl 2.928 2.857 2.675 2.668 2.961 3.048       2.856 E6   5.45

Signal #2

  1)  1,2-Dibromoethane 2.889 2.926 2.821 2.985 3.317 3.216       3.026 E5   6.50
  2)S 4-Bromofluorobenz 2.984 2.951 2.927 3.171 3.618 3.768       3.236 E4  11.34
             ---- Linear regr., Force(0,0) ----  Coefficient =  0.9993
               Response Ratio = 0.00000 + 29763.42550 *A

  3)  1,2,3-Trichloropr 6.476 6.691 6.414 6.678 7.752 7.933       6.991 E4   9.60
  4)  1,2-Dibromo-3-chl 1.100 1.068 0.987 0.964 1.037 0.974       1.022 E6   5.44
 ---------------------------------------------------------------------------
 (#) = Out of Range

           504_1.M           Tue May 02 10:01:47 2006
```

7.6.1

7

Initial Calibration Verification

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GDD880-ICV880
Lab FileID: DD31147.D

Evaluate Continuing Calibration Report

```
Signal #1 : C:\HPCHEM\2\DATA\0501EDB\DD31147.D\ECD1A.CH  Vial: 10
Signal #2 : C:\HPCHEM\2\DATA\0501EDB\DD31147.D\ECD2B.CH
Acq On    :  1 May 2006   1:33 pm                    Operator: kellye
Sample    : icv880-0.10                              Inst    : ECD 4
Misc      : op16405,gdd880,35.0,,,2,1,water          Multiplr: 1.00
IntFile Signal #1: EVENTS.E     IntFile Signal #2: EVENTS2.E

Method       : C:\HPCHEM\2\METHODS\504_1.M (Chemstation Integrator)
Title        : EDB/DBCP by EPA 504/504.1 or SW846 8011
Last Update  : Mon May 01 13:15:49 2006
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.10min
Max. RRF Dev :  20%     Max. Rel. Area : 150%
```

	Compound	Amount	Calc.	%Drift	Area%	Dev(min)	RT Window
1	1,2-Dibromoethane	0.100	0.098	2.0	0	-0.03	5.62- 5.82
2 S	4-Bromofluorobenzene	2.000	1.927	3.6	0	-0.02	6.95- 7.15
3	1,2,3-Trichloropropane	0.100	0.113	-13.0	0	-0.01	7.34- 7.54
4	1,2-Dibromo-3-chloropr	0.100	0.093	7.0	0	-0.02	9.36- 9.56

***** Signal #2 *****

1	1,2-Dibromoethane	0.100	0.096	4.0	0	-0.04	5.32- 5.52
	----------	Amount	Calc.	%Drift	----------		
2 S	4-Bromofluorobenzene	2.000	2.040	-2.0	0	-0.02	6.70- 6.90
	----------	Amount	Calc.	%Drift	----------		
3	1,2,3-Trichloropropane	0.100	0.098	2.0	0	-0.01	6.88- 7.08
4	1,2-Dibromo-3-chloropr	0.100	0.085	15.0	0	-0.02	8.98- 9.18

(#) = Out of Range SPCC's out = 0 CCC's out = 0
DD31146.D 504_1.M Tue May 02 10:01:33 2006

7.6.2

7

Continuing Calibration Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GDD880-CC880
Lab FileID: DD31164.D

```
                    Evaluate Continuing Calibration Report

 Signal #1 : C:\HPCHEM\2\DATA\0501EDB\DD31164.D\ECD1A.CH  Vial: 4
 Signal #2 : C:\HPCHEM\2\DATA\0501EDB\DD31164.D\ECD2B.CH
 Acq On    :  1 May 2006   8:02 pm                    Operator: kellye
 Sample    : cc880-0.25                                Inst    : ECD 4
 Misc      : op16451,gdd880,35.0,,,2,1,water           Multiplr: 1.00
 IntFile Signal #1: EVENTS.E     IntFile Signal #2: EVENTS2.E

 Method       : C:\HPCHEM\2\METHODS\504_1.M (Chemstation Integrator)
 Title        : EDB/DBCP by EPA 504/504.1 or SW846 8011
 Last Update  : Mon May 01 13:15:49 2006
 Response via : Multiple Level Calibration

 Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.10min
 Max. RRF Dev :  20%     Max. Rel. Area : 150%

        Compound                Amount  Calc.    %Drift Area% Dev(min)RT Window
 ---------------------------------------------------------------------------
 1     1,2-Dibromoethane        0.250   0.250      0.0  101  -0.03    5.62- 5.82
 2 S   4-Bromofluorobenzene     2.000   1.981      0.9  100  -0.02    6.95- 7.15
 3     1,2,3-Trichloropropane   0.250   0.234      6.4   96  -0.01    7.34- 7.54
 4     1,2-Dibromo-3-chloropr   0.250   0.239      4.4  103  -0.02    9.36- 9.56

*****  Signal #2   *****

 1     1,2-Dibromoethane        0.250   0.254     -1.6  103  -0.03    5.32- 5.52

           -------------------- Amount  Calc.    %Drift  --------------
 2 S   4-Bromofluorobenzene     2.000   2.130     -6.5  100  -0.01    6.70- 6.90

           -------------------- Amount  Calc.    %Drift   -------------
 3     1,2,3-Trichloropropane   0.250   0.243      2.8  102  -0.01    6.88- 7.08
 4     1,2-Dibromo-3-chloropr   0.250   0.239      4.4  101  -0.02    8.98- 9.18
---------------------------------------------------------------------------
---------------------------------------------------------------------------

   (#) = Out of Range              SPCC's out = 0  CCC's out = 0
    DD31141.D  504_1.M          Tue May 02 10:00:51 2006
```

Continuing Calibration Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GDD880-CC880
Lab FileID: DD31176.D

```
                    Evaluate Continuing Calibration Report

 Signal #1 : C:\HPCHEM\2\DATA\0501EDB\DD31176.D\ECD1A.CH  Vial: 5
 Signal #2 : C:\HPCHEM\2\DATA\0501EDB\DD31176.D\ECD2B.CH
 Acq On    :  2 May 2006  12:02 am                    Operator: kellye
 Sample    : cc880-0.50                               Inst    : ECD 4
 Misc      : op16460,gdd880,35.0,,,2,1,water          Multiplr: 1.00
 IntFile Signal #1: EVENTS.E     IntFile Signal #2: EVENTS2.E

 Method       : C:\HPCHEM\2\METHODS\504_1.M (Chemstation Integrator)
 Title        : EDB/DBCP by EPA 504/504.1 or SW846 8011
 Last Update  : Mon May 01 13:15:49 2006
 Response via : Multiple Level Calibration

 Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.10min
 Max. RRF Dev :  20%     Max. Rel. Area : 150%

        Compound                Amount  Calc.    %Drift Area% Dev(min)RT Window
 ---------------------------------------------------------------------------
 1     1,2-Dibromoethane        0.500   0.446     10.8   99  -0.03    5.62- 5.82
 2 S   4-Bromofluorobenzene     4.000   3.701      7.5   99  -0.02    6.95- 7.15
 3     1,2,3-Trichloropropane   0.500   0.456      8.8   99  -0.01    7.34- 7.54
 4     1,2-Dibromo-3-chloropr   0.500   0.465      7.0   99  -0.02    9.36- 9.56

*****  Signal #2   *****

 1     1,2-Dibromoethane        0.500   0.468      6.4  100  -0.04    5.32- 5.52

           -------------------- Amount  Calc.    %Drift  --------------
 2 S   4-Bromofluorobenzene     4.000   3.875      3.1   99  -0.02    6.70- 6.90

           -------------------- Amount  Calc.    %Drift   -------------
 3     1,2,3-Trichloropropane   0.500   0.457      8.6  100  -0.01    6.88- 7.08
 4     1,2-Dibromo-3-chloropr   0.500   0.491      1.8  102  -0.02    8.98- 9.18
-------------------------------------------------------------------------------
-------------------------------------------------------------------------------

   (#) = Out of Range              SPCC's out = 0  CCC's out = 0
    DD31142.D  504_1.M          Tue May 02 10:01:13 2006
```

7.6.4

7

Initial Calibration Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GDD882-ICC882
Lab FileID: DD31228.D

Response Factor Report ECD 4

Method : C:\HPCHEM\2\METHODS\504_1.M (Chemstation Integrator)
Title : EDB/DBCP by EPA 504/504.1 or SW846 8011
Last Update : Wed May 03 14:17:41 2006
Response via : Initial Calibration

Calibration Files
1 =DD31231.D .75 =DD31230.D .50 =DD31229.D .25 =DD31228.D
0.1 =DD31227.D 0.02=DD31226.D icv =DD31233.D

Compound	1	.75	.50	.25	0.1	0.02	icv	Avg	%RSD
1) 1,2-Dibromoethane	1.101	1.055	1.062	1.027	1.068	1.196		1.085 E6	5.47
2)S 4-Bromofluorobenz	6.993	6.809	6.969	7.240	7.874	8.459		7.391 E4	8.71
3) 1,2,3-Trichloropr	1.755	1.702	1.775	1.909	1.934	2.572		1.941 E5	16.58
4) 1,2-Dibromo-3-chl	2.491	2.398	2.355	2.361	2.518	2.659		2.464 E6	4.76

Signal #2

1) 1,2-Dibromoethane	3.379	3.217	3.230	3.075	3.271	3.374		3.258 E5	3.48
2)S 4-Bromofluorobenz	2.666	2.558	2.640	2.817	3.052	3.154		2.815 E4	8.56
3) 1,2,3-Trichloropr	5.614	5.371	5.745	6.010	6.579	8.791		6.352 E4	19.91
4) 1,2-Dibromo-3-chl	9.511	8.980	8.799	8.331	8.512	8.194		8.721 E5	5.55

(#) = Out of Range

504_1.M Thu May 04 09:19:47 2006

Initial Calibration Verification

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GDD882-ICV882
Lab FileID: DD31233.D

Evaluate Continuing Calibration Report

```
Signal #1 : C:\HPCHEM\2\DATA\0503EDB\DD31233.D\ECD1A.CH  Vial: 9
Signal #2 : C:\HPCHEM\2\DATA\0503EDB\DD31233.D\ECD2B.CH
Acq On    :  3 May 2006   1:44 pm                    Operator: kellye
Sample    : icv882-0.25                              Inst    : ECD 4
Misc      : op16460,gdd882,35.0,,,2,1,water          Multiplr: 1.00
IntFile Signal #1: EVENTS.E     IntFile Signal #2: EVENTS2.E

Method       : C:\HPCHEM\2\METHODS\504_1.M (Chemstation Integrator)
Title        : EDB/DBCP by EPA 504/504.1 or SW846 8011
Last Update  : Wed May 03 14:17:41 2006
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.10min
Max. RRF Dev :  20%     Max. Rel. Area : 150%
```

	Compound	Amount	Calc.	%Drift	Area%	Dev(min)	RT Window
1	1,2-Dibromoethane	0.250	0.251	-0.4	106	0.00	5.59- 5.79
2 S	4-Bromofluorobenzene	2.000	2.087	-4.4	107	0.00	6.94- 7.14
3	1,2,3-Trichloropropane	0.250	0.243	2.8	99	0.00	7.32- 7.52
4	1,2-Dibromo-3-chloropr	0.250	0.238	4.8	99	0.00	9.34- 9.54

***** Signal #2 *****

1	1,2-Dibromoethane	0.250	0.251	-0.4	106	0.00	5.28- 5.48
2 S	4-Bromofluorobenzene	2.000	2.213	-10.7	111	0.00	6.68- 6.88
3	1,2,3-Trichloropropane	0.250	0.223	10.8	94	0.00	6.86- 7.06
4	1,2-Dibromo-3-chloropr	0.250	0.246	1.6	103	0.00	8.96- 9.16

(#) = Out of Range SPCC's out = 0 CCC's out = 0
DD31228.D 504_1.M Thu May 04 09:19:34 2006

7.6.6

7

Continuing Calibration Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GDD882-CC882
Lab FileID: DD31244.D

Evaluate Continuing Calibration Report

```
Signal #1 : C:\HPCHEM\2\DATA\0503EDB\DD31244.D\ECD1A.CH  Vial: 5
Signal #2 : C:\HPCHEM\2\DATA\0503EDB\DD31244.D\ECD2B.CH
Acq On    :  3 May 2006   5:54 pm                    Operator: kellye
Sample    : cc882-0.50                               Inst    : ECD 4
Misc      : op16460,gdd882,35.0,,,2,1,water          Multiplr: 1.00
IntFile Signal #1: EVENTS.E     IntFile Signal #2: EVENTS2.E

Method       : C:\HPCHEM\2\METHODS\504_1.M (Chemstation Integrator)
Title        : EDB/DBCP by EPA 504/504.1 or SW846 8011
Last Update  : Wed May 03 14:17:41 2006
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.10min
Max. RRF Dev :  20%     Max. Rel. Area : 150%
```

	Compound	Amount	Calc.	%Drift	Area%	Dev(min)	RT Window
1	1,2-Dibromoethane	0.500	0.473	5.4	97	0.00	5.59- 5.79
2 S	4-Bromofluorobenzene	4.000	3.737	6.6	99	0.00	6.94- 7.14
3	1,2,3-Trichloropropane	0.500	0.458	8.4	100	0.00	7.32- 7.52
4	1,2-Dibromo-3-chloropr	0.500	0.475	5.0	99	0.00	9.34- 9.54

***** Signal #2 *****

1	1,2-Dibromoethane	0.500	0.479	4.2	97	0.00	5.28- 5.48
2 S	4-Bromofluorobenzene	4.000	3.607	9.8	96	0.00	6.68- 6.88
3	1,2,3-Trichloropropane	0.500	0.435	13.0	96	0.00	6.86- 7.06
4	1,2-Dibromo-3-chloropr	0.500	0.511	-2.2	101	0.00	8.96- 9.16

(#) = Out of Range SPCC's out = 0 CCC's out = 0
DD31229.D 504_1.M Thu May 04 09:20:07 2006

7.6.7

7

Continuing Calibration Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GDD882-CC882
Lab FileID: DD31251.D

```
                    Evaluate Continuing Calibration Report

 Signal #1 : C:\HPCHEM\2\DATA\0503EDB\DD31251.D\ECD1A.CH  Vial: 4
 Signal #2 : C:\HPCHEM\2\DATA\0503EDB\DD31251.D\ECD2B.CH
 Acq On    :  3 May 2006   8:13 pm                    Operator: kellye
 Sample    : cc882-0.25                                Inst    : ECD 4
 Misc      : op16460,gdd882,35.0,,,2,1,water           Multiplr: 1.00
 IntFile Signal #1: EVENTS.E     IntFile Signal #2: EVENTS2.E

 Method       : C:\HPCHEM\2\METHODS\504_1.M (Chemstation Integrator)
 Title        : EDB/DBCP by EPA 504/504.1 or SW846 8011
 Last Update  : Wed May 03 14:17:41 2006
 Response via : Multiple Level Calibration

 Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.10min
 Max. RRF Dev :  20%     Max. Rel. Area : 150%

        Compound                Amount  Calc.    %Drift Area% Dev(min)RT Window
 ---------------------------------------------------------------------------
 1     1,2-Dibromoethane        0.250   0.236      5.6  100   0.00    5.59- 5.79
 2 S   4-Bromofluorobenzene     2.000   1.942      2.9   99   0.00    6.94- 7.14
 3     1,2,3-Trichloropropane   0.250   0.242      3.2   98   0.00    7.32- 7.52
 4     1,2-Dibromo-3-chloropr   0.250   0.239      4.4  100   0.00    9.34- 9.54

*****  Signal #2   *****

 1     1,2-Dibromoethane        0.250   0.240      4.0  102   0.00    5.28- 5.48
 2 S   4-Bromofluorobenzene     2.000   1.896      5.2   95   0.00    6.68- 6.88
 3     1,2,3-Trichloropropane   0.250   0.232      7.2   98   0.00    6.86- 7.06
 4     1,2-Dibromo-3-chloropr   0.250   0.250      0.0  105   0.00    8.96- 9.16
-----------------------------------------------------------------------------
-----------------------------------------------------------------------------

   (#) = Out of Range              SPCC's out = 0  CCC's out = 0
    DD31228.D  504_1.M          Thu May 04 09:19:21 2006
```

7.6.8

7

Continuing Calibration Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GDD882-ECC882
Lab FileID: DD31256.D

Evaluate Continuing Calibration Report

```
Signal #1 : C:\HPCHEM\2\DATA\0503EDB\DD31256.D\ECD1A.CH  Vial: 4
Signal #2 : C:\HPCHEM\2\DATA\0503EDB\DD31256.D\ECD2B.CH
Acq On    :  3 May 2006   9:53 pm                    Operator: kellye
Sample    : ecc882-0.25                              Inst    : ECD 4
Misc      : op16460,gdd882,35.0,,,2,1,water          Multiplr: 1.00
IntFile Signal #1: EVENTS.E     IntFile Signal #2: EVENTS2.E

Method       : C:\HPCHEM\2\METHODS\504_1.M (Chemstation Integrator)
Title        : EDB/DBCP by EPA 504/504.1 or SW846 8011
Last Update  : Wed May 03 14:17:41 2006
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.10min
Max. RRF Dev :  20%     Max. Rel. Area : 150%
```

	Compound	Amount	Calc.	%Drift	Area%	Dev(min)	RT Window
1	1,2-Dibromoethane	0.250	0.230	8.0	97	0.00	5.59- 5.79
2 S	4-Bromofluorobenzene	2.000	1.942	2.9	99	0.00	6.94- 7.14
3	1,2,3-Trichloropropane	0.250	0.234	6.4	95	0.00	7.32- 7.52
4	1,2-Dibromo-3-chloropr	0.250	0.236	5.6	99	0.00	9.34- 9.54

***** Signal #2 *****

1	1,2-Dibromoethane	0.250	0.235	6.0	100	0.00	5.28- 5.48
2 S	4-Bromofluorobenzene	2.000	1.872	6.4	94	0.00	6.68- 6.88
3	1,2,3-Trichloropropane	0.250	0.226	9.6	96	0.00	6.86- 7.06
4	1,2-Dibromo-3-chloropr	0.250	0.246	1.6	103	0.00	8.96- 9.16

(#) = Out of Range SPCC's out = 0 CCC's out = 0
DD31228.D 504_1.M Thu May 04 09:19:22 2006

7.6.9

7

Southeast ACCUTEST LABORATORIES

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries
- GC Surrogate Retention Time Summaries
- Initial and Continuing Calibration Summaries

Method Blank Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16430-MB	OP61050.D	1	04/28/06	VS	04/28/06	OP16430	GOP1690

The QC reported here applies to the following samples: **Method:** FLORIDA-PRO

F40296-1, F40296-2

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	ND	0.25	0.17	mg/l	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	85%	40-126%

Method Blank Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16430-MB	IJ30457.D	1	05/01/06	VS	04/28/06	OP16430	GIJ1382

The QC reported here applies to the following samples: **Method:** FLORIDA-PRO

F40296-1, F40296-2

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C8-C40)	ND	0.25	0.17	mg/l	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	83%	40-126%

Blank Spike Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16430-BS	OP61049.D	1	04/28/06	VS	04/28/06	OP16430	GOP1690

The QC reported here applies to the following samples: **Method:** FLORIDA-PRO

F40296-1, F40296-2

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH (C8-C40)	0.85	0.719	85	63-108

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	92%	40-126%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP16430-MS	OP61064.D	1	04/28/06	VS	04/28/06	OP16430	GOP1690
OP16430-MSD	OP61065.D	1	04/28/06	VS	04/28/06	OP16430	GOP1690
F40296-1	OP61063.D	1	04/28/06	VS	04/28/06	OP16430	GOP1690

The QC reported here applies to the following samples: **Method:** FLORIDA-PRO

F40296-1, F40296-2

CAS No.	Compound	F40296-1 mg/l	Q	Spike mg/l	MS mg/l	MS %	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH (C8-C40)	0.742		1.7	2.28	90	1.97	72	15	38-145/23

CAS No.	Surrogate Recoveries	MS	MSD	F40296-1	Limits
84-15-1	o-Terphenyl	91%	87%	89%	40-126%

8.3.1

8

Semivolatile Surrogate Recovery Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Method: FLORIDA-PRO **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 [a]
F40296-1	OP61063.D	89.0
F40296-2	OP61068.D	70.0
OP16430-BS	OP61049.D	92.0
OP16430-MB	OP61050.D	85.0
OP16430-MB	IJ30457.D	83.0
OP16430-MS	OP61064.D	91.0
OP16430-MSD	OP61065.D	87.0

Surrogate Compounds	Recovery Limits
S1 = o-Terphenyl	40-126%

(a) Recovery from GC signal #1

GC Surrogate Retention Time Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Check Std:	GIJ1382-CC1376	**Injection Date:**	05/01/06
Lab File ID:	IJ30453.D	**Injection Time:**	12:02
Instrument ID:	GCIJ	**Method:**	FLORIDA-PRO

	S1 [a] **RT**
Check Std	5.46

Lab Sample ID	**Lab File ID**	**Date Analyzed**	**Time Analyzed**	**S1** [a] **RT**
OP16430-MB	IJ30457.D	05/01/06	13:38	5.46
ZZZZZZ	IJ30458.D	05/01/06	13:59	5.46
OP16429-MB	IJ30459.D	05/01/06	14:20	5.46
F40262-1	IJ30460.D	05/01/06	14:41	5.46
OP16429-MS	IJ30461.D	05/01/06	15:03	5.46
OP16429-MSD	IJ30462.D	05/01/06	15:24	5.46

Surrogate Compounds

S1 = o-Terphenyl

(a) Retention time from GC signal #1

GC Surrogate Retention Time Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Check Std:	GOP1690-CC1678	**Injection Date:**	04/28/06
Lab File ID:	OP61046.D	**Injection Time:**	14:07
Instrument ID:	GCOP	**Method:**	FLORIDA-PRO

	S1 [a] **RT**
Check Std	5.89

Lab Sample ID	**Lab File ID**	**Date Analyzed**	**Time Analyzed**	**S1** [a] **RT**
OP16430-BS	OP61049.D	04/28/06	15:11	5.89
OP16430-MB	OP61050.D	04/28/06	15:44	5.89
ZZZZZZ	OP61051.D	04/28/06	16:05	5.89
ZZZZZZ	OP61052.D	04/28/06	16:26	5.89
ZZZZZZ	OP61053.D	04/28/06	16:47	5.89
ZZZZZZ	OP61054.D	04/28/06	17:09	5.89
ZZZZZZ	OP61055.D	04/28/06	17:30	5.89

Surrogate Compounds

S1 = o-Terphenyl

(a) Retention time from GC signal #1

GC Surrogate Retention Time Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Check Std:	GOP1690-CC1678	**Injection Date:**	04/28/06
Lab File ID:	OP61056.D	**Injection Time:**	17:51
Instrument ID:	GCOP	**Method:**	FLORIDA-PRO

	S1 [a] **RT**
Check Std	5.90

Lab Sample ID	**Lab File ID**	**Date Analyzed**	**Time Analyzed**	**S1** [a] **RT**
ZZZZZZ	OP61058.D	04/28/06	18:33	5.89
ZZZZZZ	OP61059.D	04/28/06	18:54	5.89
ZZZZZZ	OP61060.D	04/28/06	19:15	5.89
ZZZZZZ	OP61061.D	04/28/06	19:36	5.89
ZZZZZZ	OP61062.D	04/28/06	19:57	5.89
F40296-1	OP61063.D	04/28/06	20:18	5.89
OP16430-MS	OP61064.D	04/28/06	20:39	5.89
OP16430-MSD	OP61065.D	04/28/06	21:00	5.90

Surrogate Compounds

S1 = o-Terphenyl

(a) Retention time from GC signal #1

GC Surrogate Retention Time Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Check Std:	GOP1690-CC1678	**Injection Date:**	04/28/06
Lab File ID:	OP61066.D	**Injection Time:**	21:22
Instrument ID:	GCOP	**Method:**	FLORIDA-PRO

	S1 [a] **RT**
Check Std	5.90

Lab Sample ID	**Lab File ID**	**Date Analyzed**	**Time Analyzed**	**S1** [a] **RT**
F40296-2	OP61068.D	04/28/06	22:04	5.89
ZZZZZZ	OP61069.D	04/28/06	22:25	5.89
ZZZZZZ	OP61070.D	04/28/06	22:46	5.89
ZZZZZZ	OP61071.D	04/28/06	23:07	5.89
ZZZZZZ	OP61072.D	04/28/06	23:28	5.89
ZZZZZZ	OP61073.D	04/28/06	23:49	5.89
ZZZZZZ	OP61074.D	04/29/06	00:10	5.89

Surrogate Compounds

S1 = o-Terphenyl

(a) Retention time from GC signal #1

Initial Calibration Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GIJ1376-ICC1376
Lab FileID: IJ30279.D

```
                    Response Factor Report  FID 1

 Method       : C:\HPCHEM\1\METHODS\FL_PRO_F.M (Chemstation Integrator)
 Title        : TPH by FL_PRO
 Last Update  : Mon Apr 24 13:34:10 2006
 Response via : Initial Calibration

 Calibration Files
 255 =IJ30276.D   340 =IJ30277.D   680 =IJ30278.D   1020=IJ30279.D
 1360=IJ30280.D   1700=IJ30281.D   2125=IJ30282.D   4250=IJ30283.D

  Compound         255   340   680   1020  1360  1700  2125  4250  Avg %RSD
 ---------------------------------------------------------------------------
 1) O-TERPHENYL  3.093 3.083 3.072 3.200 2.999 2.927             3.063 E4   3.02
 2) TPH (C8-C40) 3.129 3.147 2.995 3.099 2.887 2.786 2.655 2.304 2.875 E4  10.06
---------------------------------------------------------------------------
(#) = Out of Range  ###  Number of calibration levels exceeded format  ###

          FL_PRO_F.M        Tue Apr 25 09:20:36 2006
```

8.6.1

8

Initial Calibration Verification

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GIJ1376-ICV1376
Lab FileID: IJ30286.D

Evaluate Continuing Calibration Report

```
Data File : C:\HPCHEM\1\DATA\0424PRO\IJ30286.D          Vial: 11
Acq On    : 24 Apr 2006   2:23 pm                   Operator: gingers
Sample    : icv1376-1020                            Inst    : FID 1
Misc      : op16365,gij1376,30.0,,,1,1,soil         Multiplr: 1.00
IntFile   : events.e

Method       : C:\HPCHEM\1\METHODS\FL_PRO_F.M (Chemstation Integrator)
Title        : TPH by FL_PRO
Last Update  : Mon Apr 24 13:34:10 2006
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  25%     Max. Rel. Area : 150%
```

	Compound	Amount	Calc.	%Drift	Area%	Dev(min)	RT Window
1 S	O-TERPHENYL	----------NA----------					
2 H	TPH (C8-C40)	1020.000	890.760	12.7	81	0.00	2.31-10.87

(#) = Out of Range SPCC's out = 0 CCC's out = 0
IJ30279.D FL_PRO_F.M Tue Apr 25 09:21:09 2006

8.6.2

8

Continuing Calibration Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GIJ1382-CC1376
Lab FileID: IJ30453.D

Evaluate Continuing Calibration Report

```
Data File : C:\HPCHEM\1\DATA\0501PRO\IJ30453.D          Vial: 1
Acq On    :  1 May 2006  12:02 pm                   Operator: gingers
Sample    : cc1376-1020                             Inst    : FID 1
Misc      : op16430,gij1382,30.6,,,1,1,soil         Multiplr: 1.00
IntFile   : events.e

Method       : C:\HPCHEM\1\METHODS\FL_PRO_F.M (Chemstation Integrator)
Title        : TPH by FL_PRO
Last Update  : Mon May 01 12:31:22 2006
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  25%     Max. Rel. Area : 150%
```

	Compound	Amount	Calc.	%Drift	Area%	Dev(min)	RT Window
1 S	O-TERPHENYL	60.000	51.149	14.8	82	0.00	5.38- 5.52
2 H	TPH (C8-C40)	1020.000	918.693	9.9	84	0.00	2.28-10.74

(#) = Out of Range SPCC's out = 0 CCC's out = 0
IJ30279.D FL_PRO_F.M Mon May 01 14:39:57 2006

8.6.3

8

Continuing Calibration Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GIJ1382-CC1376
Lab FileID: IJ30454.D

Evaluate Continuing Calibration Report

```
Data File : C:\HPCHEM\1\DATA\0501PRO\IJ30454.D          Vial: 2
Acq On    :  1 May 2006  12:34 pm                   Operator: gingers
Sample    : cc1376-340                              Inst    : FID 1
Misc      : op16430,gij1382,30.6,,,1,1,soil         Multiplr: 1.00
IntFile   : events.e

Method       : C:\HPCHEM\1\METHODS\FL_PRO_F.M (Chemstation Integrator)
Title        : TPH by FL_PRO
Last Update  : Mon May 01 12:31:22 2006
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  25%     Max. Rel. Area : 150%
```

	Compound	Amount	Calc.	%Drift	Area%	Dev(min)	RT Window
1 S	O-TERPHENYL	20.000	17.379	13.1	86	0.00	5.38- 5.52
2 H	TPH (C8-C40)	340.000	340.987	-0.3	92	0.00	2.28-10.74

(#) = Out of Range SPCC's out = 0 CCC's out = 0
IJ30277.D FL_PRO_F.M Mon May 01 14:40:14 2006

8.6.4

8

Continuing Calibration Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GIJ1382-CC1376
Lab FileID: IJ30463.D

Evaluate Continuing Calibration Report

```
Data File : C:\HPCHEM\1\DATA\0501PRO\IJ30463.D          Vial: 1
Acq On    :  1 May 2006   3:45 pm                   Operator: gingers
Sample    : cc1376-1020                             Inst    : FID 1
Misc      : op16430,gij1382,30.0,,,1,1,soil         Multiplr: 1.00
IntFile   : events.e

Method       : C:\HPCHEM\1\METHODS\FL_PRO_F.M (Chemstation Integrator)
Title        : TPH by FL_PRO
Last Update  : Mon May 01 12:31:22 2006
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  25%     Max. Rel. Area : 150%
```

	Compound	Amount	Calc.	%Drift	Area%	Dev(min)	RT Window
1 S	O-TERPHENYL	60.000	59.155	1.4	94	0.00	5.38- 5.52
2 H	TPH (C8-C40)	1020.000	1043.569	-2.3	95	0.00	2.28-10.74

(#) = Out of Range SPCC's out = 0 CCC's out = 0
IJ30279.D FL_PRO_F.M Mon May 01 16:29:45 2006

8.6.5

8

Initial Calibration Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GOP1678-ICC1678
Lab FileID: OP60536.D

```
                          Response Factor Report  FID 2

 Method       : C:\HPCHEM\2\METHODS\FL_PROF2.M (Chemstation Integrator)
 Title        : TPH by FL_PRO
 Last Update  : Tue Apr 11 14:23:08 2006
 Response via : Initial Calibration

 Calibration Files
 255 =OP60542.D   340 =OP60534.D   680 =OP60535.D   1020=OP60536.D
 1360=OP60537.D   1700=OP60538.D   2125=OP60539.D   4250=OP60540.D

  Compound         255   340   680   1020  1360  1700  2125  4250  Avg %RSD
 ---------------------------------------------------------------------------
 1) O-TERPHENYL  2.240 2.256 2.220 2.175 2.584 2.219             2.282 E4   6.59
 2) TPH (C8-C40) 2.322 2.202 2.095 2.030 2.390 2.062 2.006 1.894 2.125 E4   7.88
---------------------------------------------------------------------------
(#) = Out of Range  ###  Number of calibration levels exceeded format  ###

          FL_PROF2.M        Wed Apr 12 15:44:09 2006
```

8.6.6

8

Initial Calibration Verification

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GOP1678-ICV1678
Lab FileID: OP60541.D

Evaluate Continuing Calibration Report

```
Data File : C:\HPCHEM\2\DATA\0411PRO\OP60541.D          Vial: 9
Acq On    : 11 Apr 2006   1:45 pm                   Operator: gingers
Sample    : icv1678-1020                            Inst    : FID 2
Misc      : op16219,gop1678,30.0,,,1,1,soil         Multiplr: 1.00
IntFile   : events.e

Method       : C:\HPCHEM\2\METHODS\FL_PROF2.M (Chemstation Integrator)
Title        : TPH by FL_PRO
Last Update  : Tue Apr 11 14:23:08 2006
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  25%     Max. Rel. Area : 150%

       Compound                Amount  Calc.    %Drift Area% Dev(min)RT Window
 ---------------------------------------------------------------------------
 1 S   O-TERPHENYL                        ----------NA----------
 2 H   TPH (C8-C40)           1020.000 1004.768      1.5  103   0.00    2.52-11.99
-----------------------------------------------------------------------------
-----------------------------------------------------------------------------

   (#) = Out of Range              SPCC's out = 0  CCC's out = 0
    OP60536.D  FL_PROF2.M       Wed Apr 12 15:44:36 2006
```

8.6.7

8

Continuing Calibration Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GOP1690-CC1678
Lab FileID: OP61046.D

Evaluate Continuing Calibration Report

```
Data File : C:\HPCHEM\2\DATA\0428PRO\OP61046.D          Vial: 1
Acq On    : 28 Apr 2006   2:07 pm                   Operator: gingers
Sample    : cc1678-1020                             Inst    : FID 2
Misc      : op16414,gop1690,30.0,,,1,1,soil         Multiplr: 1.00
IntFile   : events.e

Method       : C:\HPCHEM\2\METHODS\FL_PROF2.M (Chemstation Integrator)
Title        : TPH by FL_PRO
Last Update  : Thu Apr 27 14:39:24 2006
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  25%     Max. Rel. Area : 150%
```

	Compound	Amount	Calc.	%Drift	Area%	Dev(min)	RT Window
1 S	O-TERPHENYL	60.000	61.112	-1.9	107	0.00	5.81- 5.97
2 H	TPH (C8-C40)	1020.000	1037.524	-1.7	106	0.00	2.45-11.85

(#) = Out of Range SPCC's out = 0 CCC's out = 0
OP60536.D FL_PROF2.M Fri Apr 28 14:23:16 2006

8.6.8

Continuing Calibration Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GOP1690-CC1678
Lab FileID: OP61056.D

Evaluate Continuing Calibration Report

```
Data File : C:\HPCHEM\2\DATA\0428PRO\OP61056.D          Vial: 1
Acq On    : 28 Apr 2006   5:51 pm                   Operator: gingers
Sample    : cc1678-1020                             Inst    : FID 2
Misc      : op16430,gop1690,1000,,,1,1,water        Multiplr: 1.00
IntFile   : events.e

Method       : C:\HPCHEM\2\METHODS\FL_PROF2.M (Chemstation Integrator)
Title        : TPH by FL_PRO
Last Update  : Thu Apr 27 14:39:24 2006
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  25%     Max. Rel. Area : 150%
```

	Compound	Amount	Calc.	%Drift	Area%	Dev(min)	RT Window
1 S	O-TERPHENYL	60.000	61.546	-2.6	108	0.00	5.81- 5.97
2 H	TPH (C8-C40)	1020.000	1065.096	-4.4	109	0.00	2.45-11.85

(#) = Out of Range SPCC's out = 0 CCC's out = 0
OP60536.D FL_PROF2.M Mon May 01 08:35:12 2006

8.6.9

Continuing Calibration Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GOP1690-CC1678
Lab FileID: OP61066.D

Evaluate Continuing Calibration Report

```
Data File : C:\HPCHEM\2\DATA\0428PRO\OP61066.D          Vial: 1
Acq On    : 28 Apr 2006   9:22 pm                   Operator: gingers
Sample    : cc1678-1020                             Inst    : FID 2
Misc      : op16430,gop1690,1000,,,1,1,water        Multiplr: 1.00
IntFile   : events.e

Method       : C:\HPCHEM\2\METHODS\FL_PROF2.M (Chemstation Integrator)
Title        : TPH by FL_PRO
Last Update  : Thu Apr 27 14:39:24 2006
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  25%     Max. Rel. Area : 150%
```

	Compound	Amount	Calc.	%Drift	Area%	Dev(min)	RT Window
1 S	O-TERPHENYL	60.000	60.941	-1.6	107	0.00	5.81- 5.97
2 H	TPH (C8-C40)	1020.000	1054.315	-3.4	108	0.00	2.45-11.85

(#) = Out of Range SPCC's out = 0 CCC's out = 0
OP60536.D FL_PROF2.M Mon May 01 08:35:12 2006

8.6.10

8

Continuing Calibration Summary

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Sample: GOP1690-CC1678
Lab FileID: OP61075.D

Evaluate Continuing Calibration Report

```
Data File : C:\HPCHEM\2\DATA\0428PRO\OP61075.D          Vial: 100
Acq On    : 29 Apr 2006  12:31 am                   Operator: gingers
Sample    : cc1678-1020                             Inst    : FID 2
Misc      : op16430,gop1690,1000,,,1,1,water        Multiplr: 1.00
IntFile   : events.e

Method       : C:\HPCHEM\2\METHODS\FL_PROF2.M (Chemstation Integrator)
Title        : TPH by FL_PRO
Last Update  : Thu Apr 27 14:39:24 2006
Response via : Multiple Level Calibration

Min. RRF     :   0.000  Min. Rel. Area :  50%  Max. R.T. Dev  0.50min
Max. RRF Dev :  25%     Max. Rel. Area : 150%
```

	Compound	Amount	Calc.	%Drift	Area%	Dev(min)	RT Window
1 S	O-TERPHENYL	60.000	60.560	-0.9	106	0.00	5.81- 5.97
2 H	TPH (C8-C40)	1020.000	1030.725	-1.1	106	0.00	2.45-11.85

(#) = Out of Range SPCC's out = 0 CCC's out = 0
OP60536.D FL_PROF2.M Mon May 01 08:35:13 2006

8.6.11

8

Southeast ACCUTEST LABORATORIES

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Instrument Runlogs
- Initial and Continuing Calibration Blanks
- Initial and Continuing Calibration Checks
- High and Low Check Standards
- Interfering Element Check Standards
- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries
- IDL and Linear Range Summaries

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F40296
Account: TETRFLJX - Tetra-Tech NUS
Project: NAS JAX- PCA 25

File ID: IP042807.ASC Date Analyzed: 04/28/06 Methods: SW846 6010B
Analyst: RS Run ID: MA4940
Parameters: Pb

Time	Sample Description	Dilution Factor	PS Recov	Comments
11:17	MA4940-HSTD1	1		
11:20	MA4940-ICV1	1		
11:27	MA4940-ICB1	1		
11:31	MA4940-CRIA1	1		
11:41	MA4940-CRI1	1		
11:49	MA4940-ICSA1	1		
11:51	MA4940-ICSAB1	1		
12:26	MA4940-CCV1	1		
12:30	MA4940-CCB1	1		
12:33	ZZZZZZ	5		
12:37	MP9531-MB1	1		
12:41	MP9531-B1	1		
12:45	F40293-1	1		(sample used for QC only; not part of login F40296)
12:48	MP9531-D1	1		
12:51	MP9531-SD1	5		
12:55	MP9531-S1	1		
12:58	MP9531-S2	1		
13:02	ZZZZZZ	1		
13:05	ZZZZZZ	1		
13:09	MA4940-CCV2	1		
13:13	MA4940-CCB2	1		
13:16	ZZZZZZ	1		
13:19	ZZZZZZ	1		
13:23	ZZZZZZ	1		
13:26	ZZZZZZ	1		
13:29	ZZZZZZ	1		
13:32	ZZZZZZ	1		
13:36	ZZZZZZ	1		
13:39	ZZZZZZ	1		
13:42	ZZZZZZ	1		
13:46	F40296-1	1		
13:49	MA4940-CCV3	1		
13:53	MA4940-CCB3	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F40296
Account: TETRFLJX - Tetra-Tech NUS
Project: NAS JAX- PCA 25

File ID: IP042807.ASC Date Analyzed: 04/28/06 Methods: SW846 6010B
Analyst: RS Run ID: MA4940
Parameters: Pb

	Time	Sample Description	Dilution Factor	PS Recov	Comments
	16:05	MA4940-CCV4	1		
	16:10	MA4940-CCB4	1		
	16:13	F40296-2	1		
	16:16	ZZZZZZ	1		
	16:19	ZZZZZZ	1		
	16:23	ZZZZZZ	1		
	16:26	ZZZZZZ	1		
	16:31	ZZZZZZ	1		
	16:36	MP9531-MB2A	1		
---------->	Last reportable sample/prep for job F40296				
	16:50	MA4940-CCV5	1		
	16:54	MA4940-CCB5	1		
	17:12	MP9532-MB1	1		
	17:15	MP9532-B1	1		
	17:19	F40202-1A	1		(sample used for QC only; not part of login F40296)
	17:23	MP9532-D1	1		
	17:26	MP9532-SD1	5		
	17:29	MP9532-S1	1		
	17:33	MA4940-CCV6	1		
	17:37	MA4940-CCB6	1		
	17:40	ZZZZZZ	1		
	17:43	ZZZZZZ	1		
	17:47	MP9532-MB2	1		
	17:51	MP9532-B2	1		
	17:55	MP9534-MB1	1		
	17:58	MP9534-B1	1		
	18:02	F40285-1	1		(sample used for QC only; not part of login F40296)
	18:06	MP9534-D1	1		
	18:09	MP9534-SD1	5		
	18:12	MP9534-S1	1		
	18:15	MA4940-CCV7	1		
	18:20	MA4940-CCB7	1		
	18:23	MP9534-S2	1		
	18:27	ZZZZZZ	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F40296
Account: TETRFLJX - Tetra-Tech NUS
Project: NAS JAX- PCA 25

File ID: IP042807.ASC Date Analyzed: 04/28/06 Methods: SW846 6010B
Analyst: RS Run ID: MA4940
Parameters: Pb

Time	Sample Description	Dilution Factor	PS Recov	Comments
18:30	ZZZZZZ	1		
18:34	ZZZZZZ	1		
18:37	ZZZZZZ	1		
18:40	ZZZZZZ	1		
18:43	ZZZZZZ	1		
18:47	ZZZZZZ	1		
18:50	ZZZZZZ	1		
18:53	ZZZZZZ	1		
18:57	MA4940-CCV8	1		
19:01	MA4940-CCB8	1		
19:04	ZZZZZZ	1		
19:07	ZZZZZZ	1		
19:11	ZZZZZZ	1		
19:14	ZZZZZZ	1		
19:17	ZZZZZZ	1		
19:21	ZZZZZZ	1		
19:24	ZZZZZZ	1		
19:27	ZZZZZZ	1		
19:30	ZZZZZZ	1		
19:34	ZZZZZZ	1		
19:37	MA4940-CCV9	1		
19:41	MA4940-CCB9	1		
19:44	MP9536-MB1	1		
19:48	MP9536-B1	1		
19:52	F40353-1	1		(sample used for QC only; not part of login F40296)
19:55	MP9536-D1	1		
19:58	MP9536-SD1	5		
20:02	MP9536-S1	1		
20:06	MP9535-MB1	1		
20:09	MP9535-B1	1		
20:13	F40317-8	1		(sample used for QC only; not part of login F40296)
20:17	MP9535-D1	1		
20:20	MA4940-CCV10	1		

Accutest Laboratories Instrument Runlog
Inorganics Analyses

Login Number: F40296
Account: TETRFLJX - Tetra-Tech NUS
Project: NAS JAX- PCA 25

File ID: IP042807.ASC Date Analyzed: 04/28/06 Methods: SW846 6010B
Analyst: RS Run ID: MA4940
Parameters: Pb

Time	Sample Description	Dilution Factor	PS Recov	Comments
20:24	MA4940-CCB10	1		
20:27	MP9535-SD1	5		
20:31	MP9535-S1	1		
20:34	MP9535-S2	1		
20:38	ZZZZZZ	1		
20:41	ZZZZZZ	1		
20:45	ZZZZZZ	1		
20:48	ZZZZZZ	1		
20:51	ZZZZZZ	1		
20:55	ZZZZZZ	1		
20:58	ZZZZZZ	1		
21:01	MA4940-CCV11	1		
21:05	MA4940-CCB11	1		
21:09	ZZZZZZ	1		
21:12	ZZZZZZ	1		
21:15	ZZZZZZ	1		
21:19	ZZZZZZ	1		
21:27	ZZZZZZ	1		
21:30	ZZZZZZ	1		
21:33	ZZZZZZ	1		
21:37	ZZZZZZ	1		
21:40	ZZZZZZ	1		
21:43	MA4940-CCV12	1		
21:47	MA4940-CCB12	1		
21:51	ZZZZZZ	1		
21:54	ZZZZZZ	1		
22:02	MA4940-CRIA2	1		
22:05	MA4940-CRI2	1		
22:08	MA4940-ICSA2	1		
22:11	MA4940-ICSAB2	1		
22:15	MA4940-CCV13	1		
22:19	MA4940-CCB13	1		

----------> Last reportable CCB for job F40296
Refer to raw data for calibration curve and standards.

INTERNAL STANDARD SUMMARY

Login Number: F40296
Account: TETRFLJX - Tetra-Tech NUS
Project: NAS JAX- PCA 25

File ID: IP042807.ASC Date Analyzed: 04/28/06 Methods: SW846 6010B
Analyst: RS Run ID: MA4940
Parameters: Pb

Time	Sample Description	Istd#1
11:17	MA4940-HSTD1	1788
11:20	MA4940-ICV1	1794
11:27	MA4940-ICB1	1797 R
11:31	MA4940-CRIA1	1795
11:41	MA4940-CRI1	1789
11:49	MA4940-ICSA1	1712
11:51	MA4940-ICSAB1	1710
12:26	MA4940-CCV1	1798
12:30	MA4940-CCB1	1793
12:33	ZZZZZZ	1793
12:37	MP9531-MB1	1730
12:41	MP9531-B1	1764
12:45	F40293-1	1789
12:48	MP9531-D1	1774
12:51	MP9531-SD1	1789
12:55	MP9531-S1	1786
12:58	MP9531-S2	1779
13:02	ZZZZZZ	1834
13:05	ZZZZZZ	2451 !
13:09	MA4940-CCV2	1800
13:13	MA4940-CCB2	1800
13:16	ZZZZZZ	1784
13:19	ZZZZZZ	2056
13:23	ZZZZZZ	1797
13:26	ZZZZZZ	1765
13:29	ZZZZZZ	1752
13:32	ZZZZZZ	1762
13:36	ZZZZZZ	1769
13:39	ZZZZZZ	1791
13:42	ZZZZZZ	1747
13:46	F40296-1	1768
13:49	MA4940-CCV3	1777
13:53	MA4940-CCB3	1780

INTERNAL STANDARD SUMMARY

Login Number: F40296
Account: TETRFLJX - Tetra-Tech NUS
Project: NAS JAX- PCA 25

File ID: IP042807.ASC Date Analyzed: 04/28/06 Methods: SW846 6010B
Analyst: RS Run ID: MA4940
Parameters: Pb

Time	Sample Description	Istd#1
16:05	MA4940-CCV4	1805
16:10	MA4940-CCB4	1800
16:13	F40296-2	1739
16:16	ZZZZZZ	1764
16:19	ZZZZZZ	1774
16:23	ZZZZZZ	1790
16:26	ZZZZZZ	1783
16:31	ZZZZZZ	1788
16:36	MP9531-MB2A	1770
16:50	MA4940-CCV5	1803
16:54	MA4940-CCB5	1772
17:12	MP9532-MB1	1785
17:15	MP9532-B1	1751
17:19	F40202-1A	1769
17:23	MP9532-D1	1755
17:26	MP9532-SD1	1800
17:29	MP9532-S1	1746
17:33	MA4940-CCV6	1822
17:37	MA4940-CCB6	1796
17:40	ZZZZZZ	1785
17:43	ZZZZZZ	1791
17:47	MP9532-MB2	1802
17:51	MP9532-B2	1812
17:55	MP9534-MB1	1787
17:58	MP9534-B1	1795
18:02	F40285-1	1818
18:06	MP9534-D1	1825
18:09	MP9534-SD1	1825
18:12	MP9534-S1	1805
18:15	MA4940-CCV7	1811
18:20	MA4940-CCB7	1827
18:23	MP9534-S2	1790
18:27	ZZZZZZ	1761

INTERNAL STANDARD SUMMARY

Login Number: F40296
Account: TETRFLJX - Tetra-Tech NUS
Project: NAS JAX- PCA 25

File ID: IP042807.ASC Date Analyzed: 04/28/06 Methods: SW846 6010B
Analyst: RS Run ID: MA4940
Parameters: Pb

Time	Sample Description	Istd#1
18:30	ZZZZZZ	1809
18:34	ZZZZZZ	1787
18:37	ZZZZZZ	1791
18:40	ZZZZZZ	1810
18:43	ZZZZZZ	1781
18:47	ZZZZZZ	1787
18:50	ZZZZZZ	1748
18:53	ZZZZZZ	1776
18:57	MA4940-CCV8	1794
19:01	MA4940-CCB8	1760
19:04	ZZZZZZ	1793
19:07	ZZZZZZ	1784
19:11	ZZZZZZ	1779
19:14	ZZZZZZ	1785
19:17	ZZZZZZ	1798
19:21	ZZZZZZ	2518 !
19:24	ZZZZZZ	2294 !
19:27	ZZZZZZ	1805
19:30	ZZZZZZ	1802
19:34	ZZZZZZ	1559
19:37	MA4940-CCV9	1923
19:41	MA4940-CCB9	1890
19:44	MP9536-MB1	1878
19:48	MP9536-B1	1895
19:52	F40353-1	1982
19:55	MP9536-D1	1992
19:58	MP9536-SD1	1953
20:02	MP9536-S1	2002
20:06	MP9535-MB1	1842
20:09	MP9535-B1	1893
20:13	F40317-8	1991
20:17	MP9535-D1	1978
20:20	MA4940-CCV10	1908

INTERNAL STANDARD SUMMARY

Login Number: F40296
Account: TETRFLJX - Tetra-Tech NUS
Project: NAS JAX- PCA 25

File ID: IP042807.ASC Date Analyzed: 04/28/06 Methods: SW846 6010B
Analyst: RS Run ID: MA4940
Parameters: Pb

Time	Sample Description	Istd#1
20:24	MA4940-CCB10	1897
20:27	MP9535-SD1	1911
20:31	MP9535-S1	1975
20:34	MP9535-S2	1972
20:38	ZZZZZZ	1873
20:41	ZZZZZZ	1857
20:45	ZZZZZZ	1920
20:48	ZZZZZZ	1889
20:51	ZZZZZZ	1884
20:55	ZZZZZZ	1962
20:58	ZZZZZZ	1874
21:01	MA4940-CCV11	1943
21:05	MA4940-CCB11	1898
21:09	ZZZZZZ	1902
21:12	ZZZZZZ	1888
21:15	ZZZZZZ	1946
21:19	ZZZZZZ	1905
21:27	ZZZZZZ	1963
21:30	ZZZZZZ	1995
21:33	ZZZZZZ	2040
21:37	ZZZZZZ	1965
21:40	ZZZZZZ	1906
21:43	MA4940-CCV12	1959
21:47	MA4940-CCB12	1897
21:51	ZZZZZZ	1914
21:54	ZZZZZZ	1885
22:02	MA4940-CRIA2	1966
22:05	MA4940-CRI2	1916
22:08	MA4940-ICSA2	1846
22:11	MA4940-ICSAB2	1833
22:15	MA4940-CCV13	1934
22:19	MA4940-CCB13	1908

R = Reference for ISTD limits. ! = Outside limits.

INTERNAL STANDARD SUMMARY

Login Number: F40296
Account: TETRFLJX - Tetra-Tech NUS
Project: NAS JAX- PCA 25

File ID: IP042807.ASC Date Analyzed: 04/28/06 Methods: SW846 6010B
Analyst: RS Run ID: MA4940
Parameters: Pb

Time	Sample Description	Istd#1

LEGEND:

Istd#	Parameter	Limits
Istd#1	Yttrium	60-125 %

9.1.1

9

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F40296
Account: TETRFLJX - Tetra-Tech NUS
Project: NAS JAX- PCA 25

File ID: IP042807.ASC Date Analyzed: 04/28/06 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA4940 Units: ug/l

Time:			11:27		12:30		13:13		13:53	
Sample ID:			ICB1		CCB1		CCB2		CCB3	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	13	anr							
Antimony	12	1.5	anr							
Arsenic	20	2.1	anr							
Barium	200	.5	anr							
Beryllium	4.0	.2	anr							
Cadmium	5.0	.5	anr							
Calcium	1000	16	anr							
Chromium	10	.5	anr							
Cobalt	50	.5	anr							
Copper	25	.4	anr							
Iron	300	16	anr							
Lead	10	1.2	1.6	<10	-1.4	<10	-1.3	<10	-0.95	<10
Magnesium	5000	9.9	anr							
Manganese	15	.2	anr							
Molybdenum	50	.8								
Nickel	40	.6	anr							
Potassium	10000	16	anr							
Selenium	10	1.6	anr							
Silver	10	.6	anr							
Sodium	10000	65	anr							
Thallium	10	1.8	anr							
Tin	50	1.4								
Vanadium	50	.6	anr							
Zinc	20	1.1	anr							

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F40296
Account: TETRFLJX - Tetra-Tech NUS
Project: NAS JAX- PCA 25

File ID: IP042807.ASC Date Analyzed: 04/28/06 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA4940 Units: ug/l

Time:			16:10		16:54		17:37		18:20	
Sample ID:			CCB4		CCB5		CCB6		CCB7	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	13	anr							
Antimony	12	1.5	anr							
Arsenic	20	2.1	anr							
Barium	200	.5	anr							
Beryllium	4.0	.2	anr							
Cadmium	5.0	.5	anr							
Calcium	1000	16	anr							
Chromium	10	.5	anr							
Cobalt	50	.5	anr							
Copper	25	.4	anr							
Iron	300	16	anr							
Lead	10	1.2	-0.50	<10	-0.27	<10	0.24	<10	-0.79	<10
Magnesium	5000	9.9	anr							
Manganese	15	.2	anr							
Molybdenum	50	.8								
Nickel	40	.6	anr							
Potassium	10000	16	anr							
Selenium	10	1.6	anr							
Silver	10	.6	anr							
Sodium	10000	65	anr							
Thallium	10	1.8	anr							
Tin	50	1.4								
Vanadium	50	.6	anr							
Zinc	20	1.1	anr							

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F40296
Account: TETRFLJX - Tetra-Tech NUS
Project: NAS JAX- PCA 25

File ID: IP042807.ASC Date Analyzed: 04/28/06 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA4940 Units: ug/l

Time:			19:01		19:41		20:24		21:05	
Sample ID:			CCB8		CCB9		CCB10		CCB11	
Metal	RL	IDL	raw	final	raw	final	raw	final	raw	final
Aluminum	200	13	anr							
Antimony	12	1.5	anr							
Arsenic	20	2.1	anr							
Barium	200	.5	anr							
Beryllium	4.0	.2	anr							
Cadmium	5.0	.5	anr							
Calcium	1000	16	anr							
Chromium	10	.5	anr							
Cobalt	50	.5	anr							
Copper	25	.4	anr							
Iron	300	16	anr							
Lead	10	1.2	-0.65	<10	-0.23	<10	-0.050	<10	-2.2	<10
Magnesium	5000	9.9	anr							
Manganese	15	.2	anr							
Molybdenum	50	.8								
Nickel	40	.6	anr							
Potassium	10000	16	anr							
Selenium	10	1.6	anr							
Silver	10	.6	anr							
Sodium	10000	65	anr							
Thallium	10	1.8	anr							
Tin	50	1.4								
Vanadium	50	.6	anr							
Zinc	20	1.1	anr							

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 1 - Initial and Continuing Calibration Blanks

Login Number: F40296
Account: TETRFLJX - Tetra-Tech NUS
Project: NAS JAX- PCA 25

File ID: IP042807.ASC Date Analyzed: 04/28/06 Methods: SW846 6010B
QC Limits: result < RL Run ID: MA4940 Units: ug/l

Time:			21:47		22:19	
Sample ID:			CCB12		CCB13	
Metal	RL	IDL	raw	final	raw	final
Aluminum	200	13	anr			
Antimony	12	1.5	anr			
Arsenic	20	2.1	anr			
Barium	200	.5	anr			
Beryllium	4.0	.2	anr			
Cadmium	5.0	.5	anr			
Calcium	1000	16	anr			
Chromium	10	.5	anr			
Cobalt	50	.5	anr			
Copper	25	.4	anr			
Iron	300	16	anr			
Lead	10	1.2	0.25	<10	-1.0	<10
Magnesium	5000	9.9	anr			
Manganese	15	.2	anr			
Molybdenum	50	.8				
Nickel	40	.6	anr			
Potassium	10000	16	anr			
Selenium	10	1.6	anr			
Silver	10	.6	anr			
Sodium	10000	65	anr			
Thallium	10	1.8	anr			
Tin	50	1.4				
Vanadium	50	.6	anr			
Zinc	20	1.1	anr			

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F40296
Account: TETRFLJX - Tetra-Tech NUS
Project: NAS JAX- PCA 25

File ID: IP042807.ASC Date Analyzed: 04/28/06 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA4940 Units: ug/l

Time:		11:20			12:26			13:09	
Sample ID:	ICV	ICV1		CCV	CCV1		CCV	CCV2	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Cadmium	anr								
Calcium	anr								
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	anr								
Lead	2000	2030	101.5	2000	2010	100.5	2000	2050	102.5
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Potassium	anr								
Selenium	anr								
Silver	anr								
Sodium	anr								
Thallium	anr								
Tin									
Vanadium	anr								
Zinc	anr								

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F40296
Account: TETRFLJX - Tetra-Tech NUS
Project: NAS JAX- PCA 25

File ID: IP042807.ASC Date Analyzed: 04/28/06 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA4940 Units: ug/l

Time:		13:49			16:05			16:50	
Sample ID:	CCV	CCV3		CCV	CCV4		CCV	CCV5	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Cadmium	anr								
Calcium	anr								
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	anr								
Lead	2000	2040	102.0	2000	2050	102.5	2000	2040	102.0
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Potassium	anr								
Selenium	anr								
Silver	anr								
Sodium	anr								
Thallium	anr								
Tin									
Vanadium	anr								
Zinc	anr								

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F40296
Account: TETRFLJX - Tetra-Tech NUS
Project: NAS JAX- PCA 25

File ID: IP042807.ASC Date Analyzed: 04/28/06 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA4940 Units: ug/l

Time:		17:33			18:15			18:57	
Sample ID:	CCV	CCV6		CCV	CCV7		CCV	CCV8	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Cadmium	anr								
Calcium	anr								
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	anr								
Lead	2000	2050	102.5	2000	2060	103.0	2000	2070	103.5
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Potassium	anr								
Selenium	anr								
Silver	anr								
Sodium	anr								
Thallium	anr								
Tin									
Vanadium	anr								
Zinc	anr								

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F40296
Account: TETRFLJX - Tetra-Tech NUS
Project: NAS JAX- PCA 25

File ID: IP042807.ASC Date Analyzed: 04/28/06 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA4940 Units: ug/l

Time:		19:37			20:20			21:01	
Sample ID:	CCV	CCV9		CCV	CCV10		CCV	CCV11	
Metal	True	Results	% Rec	True	Results	% Rec	True	Results	% Rec
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Cadmium	anr								
Calcium	anr								
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	anr								
Lead	2000	2170	108.5	2000	2190	109.5	2000	2170	108.5
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Potassium	anr								
Selenium	anr								
Silver	anr								
Sodium	anr								
Thallium	anr								
Tin									
Vanadium	anr								
Zinc	anr								

(*) Outside of QC limits
(anr) Analyte not requested

CALIBRATION CHECK STANDARDS SUMMARY
Initial and Continuing Calibration Checks

Login Number: F40296
Account: TETRFLJX - Tetra-Tech NUS
Project: NAS JAX- PCA 25

File ID: IP042807.ASC Date Analyzed: 04/28/06 Methods: SW846 6010B
QC Limits: 90 to 110 % Recovery Run ID: MA4940 Units: ug/l

Time:		21:43			22:15	
Sample ID:	CCV	CCV12		CCV	CCV13	
Metal	True	Results	% Rec	True	Results	% Rec
Aluminum	anr					
Antimony	anr					
Arsenic	anr					
Barium	anr					
Beryllium	anr					
Cadmium	anr					
Calcium	anr					
Chromium	anr					
Cobalt	anr					
Copper	anr					
Iron	anr					
Lead	2000	2160	108.0	2000	2150	107.5
Magnesium	anr					
Manganese	anr					
Molybdenum						
Nickel	anr					
Potassium	anr					
Selenium	anr					
Silver	anr					
Sodium	anr					
Thallium	anr					
Tin						
Vanadium	anr					
Zinc	anr					

(*) Outside of QC limits
(anr) Analyte not requested

HIGH STANDARD CHECK SUMMARY

Login Number: F40296
Account: TETRFLJX - Tetra-Tech NUS
Project: NAS JAX- PCA 25

File ID: IP042807.ASC Date Analyzed: 04/28/06 Methods: SW846 6010B
QC Limits: 95 to 105 % Recovery Run ID: MA4940 Units: ug/l

Time:		11:17	
Sample ID:	HSTD	HSTD1	
Metal	True	Results	% Rec
Aluminum	anr		
Antimony	anr		
Arsenic	anr		
Barium	anr		
Beryllium	anr		
Cadmium	anr		
Calcium	anr		
Chromium	anr		
Cobalt	anr		
Copper	anr		
Iron	anr		
Lead	4000	4050	101.3
Magnesium	anr		
Manganese	anr		
Molybdenum			
Nickel	anr		
Potassium	anr		
Selenium	anr		
Silver	anr		
Sodium	anr		
Thallium	anr		
Tin			
Vanadium	anr		
Zinc	anr		

(*) Outside of QC limits
(anr) Analyte not requested

LOW CALIBRATION CHECK STANDARDS SUMMARY

Login Number: F40296
Account: TETRFLJX - Tetra-Tech NUS
Project: NAS JAX- PCA 25

File ID: IP042807.ASC Date Analyzed: 04/28/06 Methods: SW846 6010B
QC Limits: CRI 70-130% CRIA 70-130% Run ID: MA4940 Units: ug/l

Time:			11:31		11:41		22:02		22:05	
Sample ID:	CRI	CRIA	CRIA1		CRI1		CRIA2		CRI2	
Metal	True	True	Results	% Rec	Results	% Rec	Results	% Rec	Results	% Rec
Aluminum	400	200	anr							
Antimony	10	5.0	anr							
Arsenic	20	10	anr							
Barium	400	200	anr							
Beryllium	10	5.0	anr							
Cadmium	10	5.0	anr							
Calcium	2000	1000	anr							
Chromium	20	10	anr							
Cobalt	100	50	anr							
Copper	50	25	anr							
Iron	600	300	anr							
Lead	10	5.0	7.0	140.0*(a	10.9	109.0	4.4	88.0	9.1	91.0
Magnesium	10000	5000	anr							
Manganese	30	15	anr							
Molybdenum	100	50								
Nickel	80	40	anr							
Potassium	10000	5000								
Selenium	10	5.0								
Silver	20	10	anr							
Sodium	10000	5000								
Thallium	20	10	anr							
Tin	100	50								
Vanadium	100	50	anr							
Zinc	40	20	anr							

(*) Outside of QC limits
(anr) Analyte not requested
(a) Elevated RDL to CRI level.

INTERFERING ELEMENT CHECK STANDARDS SUMMARY
Part 1 - ICSA and ICSAB Standards

Login Number: F40296
Account: TETRFLJX - Tetra-Tech NUS
Project: NAS JAX- PCA 25

File ID: IP042807.ASC Date Analyzed: 04/28/06 Methods: SW846 6010B
QC Limits: 80 to 120 % Recovery Run ID: MA4940 Units: ug/l

Time: / Sample ID: / Metal	ICSA True	ICSAB True	11:49 ICSA1 Results	% Rec	11:51 ICSAB1 Results	% Rec	22:08 ICSA2 Results	% Rec	22:11 ICSAB2 Results	% Rec
Aluminum	500000	500000	487000	97.4	480000	96.0	476000	95.2	469000	93.8
Antimony		1000	-2.4		1030	103.0	5.1		1010	101.0
Arsenic		1000	-0.61		1020	102.0	1.2		1060	106.0
Barium		500	3.4		547	109.4	3.2		526	105.2
Beryllium		500	-1.1		509	101.8	0.66		533	106.6
Cadmium		1000	2.1		1020	102.0	0.77		1090	109.0
Calcium	500000	500000	428000	85.6	433000	86.6	461000	92.2	461000	92.2
Chromium		500	0.93		485	97.0	0.88		507	101.4
Cobalt		500	0.78		498	99.6	0.43		520	104.0
Copper		500	-1.4		598	119.6	-3.9		567	113.4
Iron	200000	200000	185000	92.5	186000	93.0	195000	97.5	194000	97.0
Lead		1000	4.2		1040	104.0	-1.5		1070	107.0
Magnesium	500000	500000	527000	105.4	518000	103.6	550000	110.0	536000	107.2
Manganese		500	-1.3		516	103.2	-1.4		533	106.6
Molybdenum		1000	-5.1		955	95.5	-3.2		981	98.1
Nickel		1000	-0.66		1040	104.0	-0.54		1090	109.0
Potassium			17.2		27.6		7.1		44.0	
Selenium		1000	-5.0		1020	102.0	0.47		1030	103.0
Silver		1000	1.7		1100	110.0	0.49		1090	109.0
Sodium			1890		1660		1560		2480	
Thallium		1000	0.74		966	96.6	19.1		1000	100.0
Tin		1000	4.5		920	92.0	3.9		950	95.0
Vanadium		500	-0.66		497	99.4	2.9		507	101.4
Zinc		1000	-6.8		1070	107.0	-8.1		1100	110.0

(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F40296
Account: TETRFLJX - Tetra-Tech NUS
Project: NAS JAX- PCA 25

QC Batch ID: MP9531
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:					04/28/06		04/28/06
Metal	RL	IDL	MDL	MB raw	final	MB raw	final
Aluminum	200	13	18				
Antimony	12	1.5	3.4				
Arsenic	20	2.1	2.8				
Barium	200	.5	.4				
Beryllium	4.0	.2	.4				
Cadmium	5.0	.5	.3				
Calcium	1000	16	42				
Chromium	10	.5	.6				
Cobalt	50	.5	.6				
Copper	25	.4	1				
Iron	300	16	15				
Lead	10	1.2	1.7	0.070	<10	-1.4	<10
Magnesium	5000	9.9	4.3				
Manganese	15	.2	1.5				
Molybdenum	50	.8	1.6				
Nickel	40	.6	.8				
Potassium	10000	16	100				
Selenium	10	1.6	2.8				
Silver	10	.6	.9				
Sodium	10000	65	500				
Thallium	10	1.8	2.9				
Tin	50	1.4	3.8				
Vanadium	50	.6	1.1				
Zinc	20	1.1	1.6				

Associated samples MP9531: F40296-1, F40296-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F40296
Account: TETRFLJX - Tetra-Tech NUS
Project: NAS JAX- PCA 25

QC Batch ID: MP9531
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date:			04/28/06					04/28/06	
Metal	F40293-1 Original	DUP	RPD	QC Limits	F40293-1 Original	MS	Spikelot MPFLICP1	% Rec	QC Limits
Aluminum	anr								
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Cadmium	anr								
Calcium	anr								
Chromium	anr								
Cobalt	anr								
Copper	anr								
Iron	anr								
Lead	7.6	10.2	29.2 (a)	0-20	7.6	527	500	103.9	80-120
Magnesium	anr								
Manganese	anr								
Molybdenum									
Nickel	anr								
Potassium	anr								
Selenium	anr								
Silver	anr								
Sodium	anr								
Thallium	anr								
Tin									
Vanadium	anr								
Zinc	anr								

Associated samples MP9531: F40296-1, F40296-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) RPD acceptable due to low duplicate and sample concentrations.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F40296
Account: TETRFLJX - Tetra-Tech NUS
Project: NAS JAX- PCA 25

QC Batch ID: MP9531
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 04/28/06

Metal	F40293-1 Original	MSD	Spikelot MPFLICP1	% Rec	MSD RPD	QC Limit
Aluminum	anr					
Antimony	anr					
Arsenic	anr					
Barium	anr					
Beryllium	anr					
Cadmium	anr					
Calcium	anr					
Chromium	anr					
Cobalt	anr					
Copper	anr					
Iron	anr					
Lead	7.6	528	500	104.1	0.2	20
Magnesium	anr					
Manganese	anr					
Molybdenum						
Nickel	anr					
Potassium	anr					
Selenium	anr					
Silver	anr					
Sodium	anr					
Thallium	anr					
Tin						
Vanadium	anr					
Zinc	anr					

Associated samples MP9531: F40296-1, F40296-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: F40296
Account: TETRFLJX - Tetra-Tech NUS
Project: NAS JAX- PCA 25

QC Batch ID: MP9531
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 04/28/06

Metal	BSP Result	Spikelot MPFLICP1	% Rec	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium	anr			
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	anr			
Lead	522	500	104.4	80-120
Magnesium	anr			
Manganese	anr			
Molybdenum				
Nickel	anr			
Potassium	anr			
Selenium	anr			
Silver	anr			
Sodium	anr			
Thallium	anr			
Tin				
Vanadium	anr			
Zinc	anr			

Associated samples MP9531: F40296-1, F40296-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: F40296
Account: TETRFLJX - Tetra-Tech NUS
Project: NAS JAX- PCA 25

QC Batch ID: MP9531
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 04/28/06

Metal	F40293-1 Original	SDL 1:5	%DIF	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium	anr			
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	anr			
Lead	7.61	13.6	78.3 (a)	0-10
Magnesium	anr			
Manganese	anr			
Molybdenum				
Nickel	anr			
Potassium	anr			
Selenium	anr			
Silver	anr			
Sodium	anr			
Thallium	anr			
Tin				
Vanadium	anr			
Zinc	anr			

Associated samples MP9531: F40296-1, F40296-2

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Instrument Detection Limits

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Instrument ID: TJATRACE2 **Effective Date:** 10/27/05

Analyte	IDL ug/l
Aluminum	12.5
Antimony	1.5
Arsenic	2.1
Barium	.5
Beryllium	.2
Cadmium	.5
Calcium	16.1
Chromium	.5
Cobalt	.5
Copper	.4
Iron	16.3
Lead	1.2
Magnesium	9.9
Manganese	.2
Molybdenum	.8
Nickel	.6
Potassium	15.8
Selenium	1.6
Silver	.6
Sodium	64.6
Thallium	1.8
Tin	1.4
Vanadium	.6
Zinc	1.1

The above applies to the following instrument runs:
MA4940

Instrument Linear Ranges

Job Number: F40296
Account: TETRFLJX Tetra-Tech NUS
Project: NAS JAX- PCA 25

Instrument ID: TJATRACE2 **Effective Date:** 04/04/06

Analyte	Linear Range ug/l
Aluminum	500000
Antimony	4000
Arsenic	4000
Barium	4000
Beryllium	4000
Cadmium	4000
Calcium	500000
Chromium	4000
Cobalt	4000
Copper	4000
Iron	500000
Lead	4000
Magnesium	500000
Manganese	4000
Molybdenum	4000
Nickel	4000
Potassium	80000
Selenium	4000
Silver	1000
Sodium	80000
Thallium	4000
Tin	4000
Vanadium	4000
Zinc	4000

The above applies to the following instrument runs:
MA4940

JULY 2007

Table of Contents

Section	Page
Case Narrative	2
Chain-of-Custody	5
FLPRO Data Summary Package	9
FLPRO Calibration Data	43
FLPRO QC Data	85
FLPRO Raw Data	98
Prep Logs	141
8260 Data Summary Package	144
8260 Calibration Data	214
8260 QC Data	267
8260 Raw Data	288
Metals Data Summary Package	373
Metals Raw Data	399
Prep Logs	443
8011 Data Summary Package	445
8011 Calibration Data	483
8011 QC Data	544
8011 Raw Data	561
Prep Logs	626
8270 PAH Data Summary Package	629
8270 PAH Calibration Data	664
8270 PAH QC Data	688
8270 PAH Raw Data	697
Prep Logs	727

CASE NARRATIVE

Tetra Tech NUS, Inc / Naval Air Station CTO 252

Project Manger Chuck Metz

SDG BR006-024

Lab Sample ID	Client Sample ID
B705885-01	JAX25-MW13-20070705
B705885-02	JAX25-MW04-20070705
B705885-03	JAX25-MW12-20070705
B705885-04	JAX25-MW03-20070705
B705885-05	JAX25-MW07-20070705
B705885-06	JAX25-MW01-20070705
B705885-07	JAX25-MW02-20070705
B705885-08	JAX25-MW11-20070705
B706062-01	JAX25-MW14-20070706
B706062-02	JAX25-MW15-20070706
B706062-03	JAX25-MW09-20070706
B706062-04	JAX25-DUP-20070706
B706062-05	JAX25-MW05-20070706
B706062-06	Trip Blank
B706062-07	Trip Blank

FLPRO

Method: Samples were received into the laboratory in satisfactory condition. The samples were extracted by USEPA Method 3510 and analyzed by FLPRO Method.

Comments: The analyses for these samples were satisfactorily completed within sample holding times and met the corresponding specifications with the following note/exceptions:

- Sample JAX25-MW04-20070705(B705885-02) was rerun due to high analyte concentration.
- Due to high analyte concentration, the designated matrix spike/matrix spike duplicate, JAX25-MW14-20070706(B706062-01), was outside of DoD QSM control limits. Reportable data was achieved from an acceptable Laboratory Control Standard that fell within the DoD QSM control limits.
- The surrogate N-Nonatriacontane was outside of the method specified control limits for the following samples: JAX25-MW13-20070705(B705885-01), JAX25-MW07-20070705(B705885-05), JAX25-MW01-20070705(B705885-06), JAX25-MW02-20070705(B705885-07), JAX25-MW14-20070706(B706062-01), JAX25-MW15-20070706(B706062-02), JAX25-DUP-20070706(B706062-04), and JAX25-MW05-20070706(B706062-05); therefore the results should be considered bias high.

Volatiles

Method: Samples were received into the laboratory in satisfactory condition. The samples were analyzed by SW846 Method 8260B.

Comments: The analyses for these samples were completed within method holding time and met the corresponding specifications with the following notes/exceptions:

- The initial calibration for 2-Chloroethyl Vinyl Ether is flagged as being outside criteria. However, rounding to the three significant digits required by the DOD QSM shows it to be in control.
- Trip blanks were received with this project but not listed on the chain of custody. The samples were analyzed per phone conversation with Mr. Foster.
- The surrogate Dibromofluoromethene for samples JAX25-MW01-20070705(B705885-06), JAX25-MW02-20070705(B705885-07), JAX25-MW12-20070705(B705885-08), and JAX25-MW15-20070706(B706062-02) was outside of acceptable DoD QSM control limits and bias high. There were no positive results in the samples so there is no impact from this deviation.
- The internal 1,4-Dichlorobenzene-d4 area counts were outside of acceptable control limits for the following samples: JAX25-MW12-20070705(B705885-03), JAX25-MW01-20070705(B705885-06), JAX25-MW02-20070705(B705885-07), JAX25-MW11-20070705(B705885-08), JAX25-MW15-20070706 (B706062-02), and Trip Blank (B706062-07). The compounds associated with this internal were reported from the re-analysis.
- The internal Chlorobenzene-d5 area counts were outside of acceptable control limits for JAX25-MW11-20070705(B705885-08). The compounds associated with this internal were reported from the re-analysis
- The continuing calibration verification, file ID 11GK003.D, for Dibromochloromethane and Bromoform were outside of the DoD QSM control limits bias high and no positive results were detected in the samples associated with this calibration.

Metals

Method: The samples were extracted by USEPA Method 3010 and analyzed by EPA Method 6010.

Comments: The analyses for these samples were satisfactorily completed within method holding time and met the corresponding specifications.

Semi-Volatile

Method: Samples were received into the laboratory in satisfactory condition. The samples were extracted and analyzed by USEPA SW-846 Method 8011.

Comments: The analyses for these samples were completed within method holding time and met the corresponding specifications with the following notes/exceptions:

- The following samples were re-analyzed due to matrix interference JAX25-MW04-20070705(B705885-02), JAX25-MW15-20070706(B706062-02), and JAX25-MW09-20070706(B706062-03).
- 1,3-Dichlorobenzene on the secondary column was outside DoD QSM control limits for the following: BA00941-CCV3, BA00941-CCV4, JAX25-MW05-20070706(B706062-05). There were no positive results in the samples so there is no impact from this deviation.

Method: Samples were received into the laboratory in satisfactory condition. The samples were extracted and analyzed by USEPA SW-846 Methods 3510/8270c.

Comments: The analyses for these samples were completed within method holding time and met the corresponding specifications with the following notes/exceptions:

- The continuing calibration verification, file ID 5GE009.D, for Benzo(K)fluoranthene was outside of the DoD QSM control limits bias high and no positive results were detected in the samples associated with this calibration.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Released By:

Environmental Conservation Laboratories, Inc.

Christina M. Tompkins
Project Manager

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER 26096 | PAGE 1 OF 2

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
PCA 25		[illegible]	(904) 636-6125	ENCO Labs
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
[signature]		JON Foster	(904) 636-6125	Phillips Hwy
		CARRIER/WAYBILL NUMBER		CITY, STATE
				JAX Fl 32256

STANDARD TAT ☐
RUSH TAT ☒
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☒ 7 day ☐ 14 day

DATE YEAR 2007	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAP (G) COMP (C)	No. OF CONTAINERS	EDB	8260B	Pb	Fl Pro	8270C PAH				COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									G	G	P	G	G				
PRESERVATIVE USED									N/A	HCL	HNO3	H2SO4	N/A				
7-5	1156	JAX25-MW13-200705				GW	G	9	✓	✓	✓	✓	✓				Cool @ <4°C
7-5	1300	JAX25-MW04-200705				GW	G	9	✓	✓	✓	✓	✓				
7-5	1457	JAX25-MW12-200705				GW	G	9	✓	✓	✓	✓	✓				
7-5	1407	JAX25-MW03-200705				GW	G	9	✓	✓	✓	✓	✓				
																	B705885

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY [signature]	7-5-07	1620	1. RECEIVED BY [signature] 7/5/07	1620	
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS (ES3 2.8°c)(JX351 1.9°c)(#92 4.7°c)(#2883 5.4°c)

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 26097 | PAGE 2 OF 2

PROJECT NO:	FACILITY: JAX PCA 25	PROJECT MANAGER: Charles Metz	PHONE NUMBER: (904) 636-6125	LABORATORY NAME AND CONTACT: ENCO LABS Chris Thompkins
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER: Jon Foster	PHONE NUMBER: (904) 636-6125	ADDRESS:
		CARRIER/WAYBILL NUMBER: Hand Delivery		CITY, STATE: Jacksonville, FL

STANDARD TAT ☐
RUSH TAT ☒
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☒ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G): G G P G G

PRESERVATIVE USED: None, HCL, HNO3, H2SO4, None

TYPE OF ANALYSIS

DATE YEAR 2007	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAP (G) COMP (C)	No. OF CONTAINERS	EDB	8260B	Lead	FLPRO	8270C PAH				COMMENTS
7/5	1150	JAX25-MW07-20070705				GW	G	9	X	X	X	X	X				Cool to 4°C
↓	1259	JAX25-MW01-20070705				↓	↓	↓	↓	↓	↓	↓	↓				
	1412	JAX25-MW02-20070705															
	1509	JAX25-MW11-20070705															
																	B705885

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY Jonathan Foster	7/5/07	1620	1. RECEIVED BY [signature] 7/5/07	1620	
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS (ES3 2.8°C) (JX351 1.9°C) (#92 4.7°C) (#2883 5.7°C)

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 26099 | PAGE 1 OF 2

PROJECT NO:	FACILITY: JAX PCA25	PROJECT MANAGER: Charles Metz	PHONE NUMBER: (904) 636-6125	LABORATORY NAME AND CONTACT: ENCO Labs, Chris Thompkins
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER: Jon Foster	PHONE NUMBER: (904) 636-6125	ADDRESS:
		CARRIER/WAYBILL NUMBER: Hand Delivery		CITY, STATE: Jacksonville, FL

STANDARD TAT ☐
RUSH TAT ☒
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☒ 7 day ☐ 14 day

DATE YEAR 2007	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAP (G) COMP (C)	No. OF CONTAINERS	ED3	8260B	Lead	FLPRO	8270C PAH				COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									G	G	G	P	G	G			
PRESERVATIVE USED									NONE	HCl	HNO3	H2SO4	NONE				
* 7/6	1020	JAX25-MW14-20070706				GW	G	27	X	X	X	X	X				Cool to 4°C
↓	1149	JAX25-MW15-20070706				↓	↓	9	↓	↓	↓	↓	↓				
																	* MS/MSD collected
																	B706062

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY Jon Foster	7/5/07	1300	1. RECEIVED BY [signature] 7/6	07	1300
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS (JX080 0.3°C)(STM67 0.5°C)(G159 0.5°C)

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

TETRA TECH NUS, INC.

CHAIN OF CUSTODY

NUMBER 26098

PROJECT NO:	FACILITY: JAX PCA 25	PROJECT MANAGER: Charles Metz	PHONE NUMBER: (904) 636-6125	LABORATORY NAME AND CONTACT: Eurofins Lab's Chris Thompkins
SAMPLERS (SIGNATURE): [signature]		FIELD OPERATIONS LEADER: Jon Foster	PHONE NUMBER: (904) 636-6125	ADDRESS: Phillips Hwy
		CARRIER/WAYBILL NUMBER: Hand Delivery		CITY, STATE: JAX Fl 32256

STANDARD TAT ☐
RUSH TAT ☒
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☒ 7 day ☐ 14 day

DATE YEAR 2007	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAP (G) COMP (C)	No. OF CONTAINERS	EDB	8260B	Lead (Pb)	Fl Pro	8270C PAH			COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									G	G	P	G	G			
PRESERVATIVE USED									N/A	HCL	HNO3	H2SO4	N/A			
7-6	1042	JAX25-MW09-20070706				GW	G	9	✓	✓	✓	✓	✓			Cool @ < 4°C
7-6	—	JAX25-DUP-20070706				GW	G	9	✓	✓	✓	✓	✓			
7-6	1154	JAX25-MW05-20070706				GW	G	9	✓	✓	✓	✓	✓			
																B706062

1. RELINQUISHED BY: Jon Foster	DATE: 7/6/07	TIME: 1300	1. RECEIVED BY: [signature]	DATE: 7/6/07	TIME: 1300
2. RELINQUISHED BY:	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY:	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS: (JX080 0.3°C)(STM67 0.5°C)(G159 0.5°C)

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO TtNUS-001

ENCO Jacksonville

SDG: BR006-024

CLASS: GC

METHOD: FLPRO

ANALYSES DATA PACKAGE COVER PAGE

FLPRO

Laboratory: ENCO Jacksonville

SDG: BR006-024

Client: Tetra Tech NUS (BR006)

Project: Naval Air Station CTO 252

Client Sample Id:	Lab Sample Id:
JAX25-MW13-20070705	B705885-01
JAX25-MW04-20070705	B705885-02
JAX25-MW04-20070705	B705885-02RE1
JAX25-MW12-20070705	B705885-03
JAX25-MW03-20070705	B705885-04
JAX25-MW07-20070705	B705885-05
JAX25-MW01-20070705	B705885-06
JAX25-MW02-20070705	B705885-07
JAX25-MW11-20070705	B705885-08
JAX25-MW14-20070706	B706062-01
JAX25-MW15-20070706	B706062-02
JAX25-MW09-20070706	B706062-03
JAX25-DUP-20070706	B706062-04
JAX25-MW05-20070706	B706062-05

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature: _____

Name: Christina Tompkins

Date: 7/16/07

Title: Project Manager

METHOD DETECTION AND REPORTING LIMITS

FLPRO

Laboratory: ENCO Jacksonville **SDG:** BR006-024

Client: Tetra Tech NUS (BR006) **Project:** Naval Air Station CTO 252

Matrix: Water **Instrument:** JSVGCFID2

Analyte	MDL	MRL	Units
TPH (C8-C40)	94	5000	ug/L

PREPARATION BATCH SUMMARY

FLPRO

Laboratory: ENCO Jacksonville SDG: BR006-024

Client: Tetra Tech NUS (BR006) Project: Naval Air Station CTO 252

Batch: 7G09001 Batch Matrix: Water Preparation: EPA 3510C

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
Blank	7G09001-BLK1	3GEA024-0	07/09/07 10:22	
LCS	7G09001-BS1	3GEA025-0	07/09/07 10:22	
JAX25-MW14-20070706	7G09001-MS1	3GEA026-0	07/09/07 10:22	
JAX25-MW14-20070706	7G09001-MSD1	3GEA027-0	07/09/07 10:22	
JAX25-MW13-20070705	B705885-01	3GEA029-0	07/09/07 10:22	
JAX25-MW04-20070705	B705885-02RE1	3GFA008-0	07/09/07 10:22	d5
JAX25-MW12-20070705	B705885-03	3GEA031-0	07/09/07 10:22	
JAX25-MW03-20070705	B705885-04	3GEA032-0	07/09/07 10:22	
JAX25-MW07-20070705	B705885-05	3GEA033-0	07/09/07 10:22	
JAX25-MW01-20070705	B705885-06	3GEA036-0	07/09/07 10:22	
JAX25-MW02-20070705	B705885-07	3GEA037-0	07/09/07 10:22	
JAX25-MW11-20070705	B705885-08	3GEA038-0	07/09/07 10:22	
JAX25-MW14-20070706	B706062-01	3GEA028-0	07/09/07 10:22	Use this sample as the MS/MSD
JAX25-MW15-20070706	B706062-02	3GEA039-0	07/09/07 10:22	
JAX25-MW09-20070706	B706062-03	3GEA040-0	07/09/07 10:22	
JAX25-DUP-20070706	B706062-04	3GEA041-0	07/09/07 10:22	
JAX25-MW05-20070706	B706062-05	3GEA042-0	07/09/07 10:22	

ANALYSIS BATCH (SEQUENCE) SUMMARY
FLPRO

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Sequence:	BA00439	Instrument:	JSVGCFID2
Matrix:	Water	Calibration:	UNASSIGNED

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
Cal Standard	BA00439-CAL1	3CMA003-0	03/18/07 15:25
Cal Standard	BA00439-CAL2	3CMA004-0	03/18/07 15:47
Cal Standard	BA00439-CAL3	3CMA005-0	03/18/07 16:10
Cal Standard	BA00439-CAL4	3CMA006-0	03/18/07 16:32
Cal Standard	BA00439-CAL5	3CMA007-0	03/18/07 16:54
Cal Standard	BA00439-CAL6	3CMA008-0	03/18/07 17:16
Cal Standard	BA00439-CAL7	3CMA009-0	03/18/07 17:39
Cal Standard	BA00439-CAL8	3CMA010-0	03/18/07 18:01
Cal Standard	BA00439-CAL9	3CMA011-0	03/18/07 18:23
Initial Cal Check	BA00439-ICV1	3CMA012-0	03/18/07 18:45

ANALYSIS BATCH (SEQUENCE) SUMMARY
FLPRO

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Sequence:	BA00956	Instrument:	JSVGCFID2
Matrix:	Water	Calibration:	0707004

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
Calibration Check	BA00956-CCV1	3GEA023-0	07/10/07 18:27
Blank	7G09001-BLK1	3GEA024-0	07/10/07 18:49
LCS	7G09001-BS1	3GEA025-0	07/10/07 19:12
JAX25-MW14-20070706	7G09001-MS1	3GEA026-0	07/10/07 19:35
JAX25-MW14-20070706	7G09001-MSD1	3GEA027-0	07/10/07 19:58
JAX25-MW14-20070706	B706062-01	3GEA028-0	07/10/07 20:20
JAX25-MW13-20070705	B705885-01	3GEA029-0	07/10/07 20:43
JAX25-MW12-20070705	B705885-03	3GEA031-0	07/10/07 21:28
JAX25-MW03-20070705	B705885-04	3GEA032-0	07/10/07 21:51
JAX25-MW07-20070705	B705885-05	3GEA033-0	07/10/07 22:14
Calibration Check	BA00956-CCV2	3GEA035-0	07/10/07 23:00
JAX25-MW01-20070705	B705885-06	3GEA036-0	07/10/07 23:22
JAX25-MW02-20070705	B705885-07	3GEA037-0	07/10/07 23:44
JAX25-MW11-20070705	B705885-08	3GEA038-0	07/11/07 00:08
JAX25-MW15-20070706	B706062-02	3GEA039-0	07/11/07 00:30
JAX25-MW09-20070706	B706062-03	3GEA040-0	07/11/07 00:53
JAX25-DUP-20070706	B706062-04	3GEA041-0	07/11/07 01:15
JAX25-MW05-20070706	B706062-05	3GEA042-0	07/11/07 01:38
Calibration Check	BA00956-CCV3	3GEA044-0	07/11/07 02:24
Calibration Check	BA00956-CCV4	3GFA007-0	07/11/07 11:44
JAX25-MW04-20070705	B705885-02RE1	3GFA008-0	07/11/07 12:07
Calibration Check	BA00956-CCV5	3GFA009-0	07/11/07 12:29

HOLDING TIME SUMMARY
FLPRO

Laboratory: ENCO Jacksonville SDG: BR006-024

Client: Tetra Tech NUS (BR006) Project: Naval Air Station CTO 252

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	O
JAX25-MW13-20070705	07/05/07 11:56	07/05/07 16:20	07/09/07 10:22	4.00	7.00	07/10/07 20:43	1.00	40.00	
JAX25-MW04-20070705	07/05/07 13:00	07/05/07 16:20	07/09/07 10:22	4.00	7.00	07/11/07 12:07	2.00	40.00	
JAX25-MW12-20070705	07/05/07 14:57	07/05/07 16:20	07/09/07 10:22	4.00	7.00	07/10/07 21:28	1.00	40.00	
JAX25-MW03-20070705	07/05/07 14:07	07/05/07 16:20	07/09/07 10:22	4.00	7.00	07/10/07 21:51	1.00	40.00	
JAX25-MW07-20070705	07/05/07 11:50	07/05/07 16:20	07/09/07 10:22	4.00	7.00	07/10/07 22:14	1.00	40.00	
JAX25-MW01-20070705	07/05/07 12:59	07/05/07 16:20	07/09/07 10:22	4.00	7.00	07/10/07 23:22	2.00	40.00	
JAX25-MW02-20070705	07/05/07 14:12	07/05/07 16:20	07/09/07 10:22	4.00	7.00	07/10/07 23:44	2.00	40.00	
JAX25-MW11-20070705	07/05/07 15:09	07/05/07 16:20	07/09/07 10:22	4.00	7.00	07/11/07 00:08	2.00	40.00	
JAX25-MW14-20070706	07/06/07 10:20	07/06/07 13:00	07/09/07 10:22	3.00	7.00	07/10/07 20:20	1.00	40.00	
JAX25-MW15-20070706	07/06/07 11:49	07/06/07 13:00	07/09/07 10:22	3.00	7.00	07/11/07 00:30	2.00	40.00	
JAX25-MW09-20070706	07/06/07 10:42	07/06/07 13:00	07/09/07 10:22	3.00	7.00	07/11/07 00:53	2.00	40.00	
JAX25-DUP-20070706	07/06/07 00:00	07/06/07 13:00	07/09/07 10:22	3.00	7.00	07/11/07 01:15	2.00	40.00	
JAX25-MW05-20070706	07/06/07 11:54	07/06/07 13:00	07/09/07 10:22	3.00	7.00	07/11/07 01:38	2.00	40.00	

ORGANIC ANALYSIS DATA SHEET
FLPRO

JAX25-MW13-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-01	File ID:	3GEA029-0
Sampled:	07/05/07 11:56	Prepared:	07/09/07 10:22	Analyzed:	07/10/07 20:43
Solids:		Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

Batch: 7G09001 Sequence: BA00956 Calibration: 0707004 Instrument: JSVGCFID2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
NA	TPH (C8-C40)	1	934	I	94	5000

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
n-Nonatriacontane	50.0	73.7	147	22 - 137	*
o-Terphenyl	100	101	101	33 - 133	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
FLPRO

JAX25-MW04-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-02RE1	File ID:	3GFA008-0
Sampled:	07/05/07 13:00	Prepared:	07/09/07 10:22	Analyzed:	07/11/07 12:07
Solids:		Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

Batch: 7G09001 Sequence: BA00956 Calibration: 0707004 Instrument: JSVGCFID2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
NA	TPH (C8-C40)	5	470	UD	470	25000

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
n-Nonatriacontane	50.0	57.1	114	22 - 137	
o-Terphenyl	100	83.2	83	33 - 133	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
FLPRO

JAX25-MW12-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-03	File ID:	3GEA031-0
Sampled:	07/05/07 14:57	Prepared:	07/09/07 10:22	Analyzed:	07/10/07 21:28
Solids:		Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

Batch: 7G09001 Sequence: BA00956 Calibration: 0707004 Instrument: JSVGCFID2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
NA	TPH (C8-C40)	1	94	U	94	5000

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
n-Nonatriacontane	50.0	66.4	133	22 - 137	
o-Terphenyl	100	86.7	87	33 - 133	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
FLPRO

JAX25-MW03-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-04	File ID:	3GEA032-0
Sampled:	07/05/07 14:07	Prepared:	07/09/07 10:22	Analyzed:	07/10/07 21:51
Solids:		Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

Batch: 7G09001 Sequence: BA00956 Calibration: 0707004 Instrument: JSVGCFID2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
NA	TPH (C8-C40)	10	4810	ID	940	50000

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
n-Nonatriacontane	50.0	60.2	120	22 - 137	
o-Terphenyl	100	92.0	92	33 - 133	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
FLPRO

JAX25-MW07-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-05	File ID:	3GEA033-0
Sampled:	07/05/07 11:50	Prepared:	07/09/07 10:22	Analyzed:	07/10/07 22:14
Solids:		Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

Batch: 7G09001 Sequence: BA00956 Calibration: 0707004 Instrument: JSVGCFID2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
NA	TPH (C8-C40)	1	188	I	94	5000

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
n-Nonatriacontane	50.0	69.5	139	22 - 137	*
o-Terphenyl	100	92.2	92	33 - 133	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
FLPRO

JAX25-MW01-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-06	File ID:	3GEA036-0
Sampled:	07/05/07 12:59	Prepared:	07/09/07 10:22	Analyzed:	07/10/07 23:22
Solids:		Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

Batch: 7G09001 Sequence: BA00956 Calibration: 0707004 Instrument: JSVGCFID2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
NA	TPH (C8-C40)	1	94	U	94	5000

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
n-Nonatriacontane	50.0	74.2	148	22 - 137	*
o-Terphenyl	100	105	105	33 - 133	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
FLPRO

JAX25-MW02-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-07	File ID:	3GEA037-0
Sampled:	07/05/07 14:12	Prepared:	07/09/07 10:22	Analyzed:	07/10/07 23:44
Solids:		Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

Batch: 7G09001 Sequence: BA00956 Calibration: 0707004 Instrument: JSVGCFID2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
NA	TPH (C8-C40)	1	815	I	94	5000

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
n-Nonatriacontane	50.0	76.8	154	22 - 137	*
o-Terphenyl	100	104	104	33 - 133	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
FLPRO

JAX25-MW11-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-08	File ID:	3GEA038-0
Sampled:	07/05/07 15:09	Prepared:	07/09/07 10:22	Analyzed:	07/11/07 00:08
Solids:		Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

Batch: 7G09001 Sequence: BA00956 Calibration: 0707004 Instrument: JSVGCFID2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
NA	TPH (C8-C40)	1	204	I	94	5000

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
n-Nonatriacontane	50.0	60.5	121	22 - 137	
o-Terphenyl	100	93.4	93	33 - 133	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
FLPRO

JAX25-MW14-20070706

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B706062-01	File ID:	3GEA028-0
Sampled:	07/06/07 10:20	Prepared:	07/09/07 10:22	Analyzed:	07/10/07 20:20
Solids:		Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

Batch: 7G09001 Sequence: BA00956 Calibration: 0707004 Instrument: JSVGCFID2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
NA	TPH (C8-C40)	1	2460	I	94	5000

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
n-Nonatriacontane	50.0	69.9	140	22 - 137	*
o-Terphenyl	100	99.9	100	33 - 133	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
FLPRO

JAX25-MW15-20070706

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B706062-02	File ID:	3GEA039-0
Sampled:	07/06/07 11:49	Prepared:	07/09/07 10:22	Analyzed:	07/11/07 00:30
Solids:		Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

Batch: 7G09001 Sequence: BA00956 Calibration: 0707004 Instrument: JSVGCFID2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
NA	TPH (C8-C40)	1	2180	I	94	5000

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
n-Nonatriacontane	50.0	73.6	147	22 - 137	*
o-Terphenyl	100	97.2	97	33 - 133	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
FLPRO

JAX25-MW09-20070706

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B706062-03	File ID:	3GEA040-0
Sampled:	07/06/07 10:42	Prepared:	07/09/07 10:22	Analyzed:	07/11/07 00:53
Solids:		Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

Batch: 7G09001 Sequence: BA00956 Calibration: 0707004 Instrument: JSVGCFID2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
NA	TPH (C8-C40)	1	970	I	94	5000

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
n-Nonatriacontane	50.0	62.2	124	22 - 137	
o-Terphenyl	100	88.7	89	33 - 133	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
FLPRO

JAX25-DUP-20070706

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B706062-04	File ID:	3GEA041-0
Sampled:	07/06/07 00:00	Prepared:	07/09/07 10:22	Analyzed:	07/11/07 01:15
Solids:		Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

Batch: 7G09001 Sequence: BA00956 Calibration: 0707004 Instrument: JSVGCFID2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
NA	TPH (C8-C40)	1	1180	I	94	5000

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
n-Nonatriacontane	50.0	72.0	144	22 - 137	*
o-Terphenyl	100	96.0	96	33 - 133	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
FLPRO

JAX25-MW05-20070706

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B706062-05	File ID:	3GEA042-0
Sampled:	07/06/07 11:54	Prepared:	07/09/07 10:22	Analyzed:	07/11/07 01:38
Solids:		Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

Batch: 7G09001 Sequence: BA00956 Calibration: 0707004 Instrument: JSVGCFID2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
NA	TPH (C8-C40)	1	94	U	94	5000

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
n-Nonatriacontane	50.0	77.7	155	22 - 137	*
o-Terphenyl	100	104	104	33 - 133	

* Values outside of QC limits

METHOD BLANK DATA SHEET
FLPRO

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Water	Laboratory ID:	7G09001-BLK1	File ID:	3GEA024-0
Prepared:	07/09/07 10:22	Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL
Analyzed:	07/10/07 18:49	Instrument:	JSVGCFID2		
Batch:	7G09001	Sequence:	BA00956	Calibration:	0707004

CAS NO.	COMPOUND	CONC. (ug/L)	Q
NA	TPH (C8-C40)	94.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
n-Nonatriacontane	50.0	73.9	148	22 - 137	*
o-Terphenyl	100	98.2	98	33 - 133	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FLPRO

JAX25-MW14-20070706

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Matrix:	Water		
Batch:	7G09001	Laboratory ID:	7G09001-MS1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

Source Sample Name: JAX25-MW14-20070706

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
TPH (C8-C40)	1700	2460	2190	-16 *	48 - 118

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
TPH (C8-C40)	1700	2810	20 *	25	30	48 - 118

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

LCS / LCS DUPLICATE RECOVERY

FLPRO

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Matrix:	Water		
Batch:	7G09001	Laboratory ID:	7G09001-BS1
Preparation:	EPA 3510C	Initial/Final:	1000 mL / 1 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
TPH (C8-C40)	1700	1770	104	46 - 126

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

CONTINUING CALIBRATION CHECK
FLPRO

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Instrument ID:	JSVGCFID2	Calibration:	0707004
Lab File ID:	3GEA023-0	Calibration Date:	03/18/07 11:33
Sequence:	BA00956	Injection Date:	07/10/07
Lab Sample ID:	BA00956-CCV1	Injection Time:	18:27

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
TPH (C8-C40)	A	1700	1870	5779.754	6359.306		10.0	25

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

CONTINUING CALIBRATION CHECK
FLPRO

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Instrument ID:	JSVGCFID2	Calibration:	0707004
Lab File ID:	3GEA035-0	Calibration Date:	03/18/07 11:33
Sequence:	BA00956	Injection Date:	07/10/07
Lab Sample ID:	BA00956-CCV2	Injection Time:	23:00

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
TPH (C8-C40)	A	1700	1850	5779.754	6293.047		8.9	25

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

CONTINUING CALIBRATION CHECK
FLPRO

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Instrument ID:	JSVGCFID2	Calibration:	0707004
Lab File ID:	3GEA044-0	Calibration Date:	03/18/07 11:33
Sequence:	BA00956	Injection Date:	07/11/07
Lab Sample ID:	BA00956-CCV3	Injection Time:	02:24

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
TPH (C8-C40)	A	1700	1890	5779.754	6412.488		10.9	25

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

CONTINUING CALIBRATION CHECK
FLPRO

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Instrument ID:	JSVGCFID2	Calibration:	0707004
Lab File ID:	3GFA007-0	Calibration Date:	03/18/07 11:33
Sequence:	BA00956	Injection Date:	07/11/07
Lab Sample ID:	BA00956-CCV4	Injection Time:	11:44

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
TPH (C8-C40)	A	1700	1840	5779.754	6269.518		8.5	25

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

CONTINUING CALIBRATION CHECK
FLPRO

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Instrument ID:	JSVGCFID2	Calibration:	0707004
Lab File ID:	3GFA009-0	Calibration Date:	03/18/07 11:33
Sequence:	BA00956	Injection Date:	07/11/07
Lab Sample ID:	BA00956-CCV5	Injection Time:	12:29

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
TPH (C8-C40)	A	1700	1860	5779.754	6332.324		9.6	25

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

SURROGATE STANDARD RECOVERY AND RT SUMMARY
FLPRO

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Sequence:	BA00956	Instrument:	JSVGCFID2
Matrix:	Water	Calibration:	0707004

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Blank (7G09001-BLK1)			Lab File ID: 3GEA024-0		Analyzed: 07/10/07 18:49			
n-Nonatriacontane	50.0	148	22 - 137				+/-1.0	*
o-Terphenyl	100	98	33 - 133				+/-1.0	
LCS (7G09001-BS1)			Lab File ID: 3GEA025-0		Analyzed: 07/10/07 19:12			
n-Nonatriacontane	50.0	130	22 - 137				+/-1.0	
o-Terphenyl	100	101	33 - 133				+/-1.0	
Matrix Spike (7G09001-MS1)			Lab File ID: 3GEA026-0		Analyzed: 07/10/07 19:35			
n-Nonatriacontane	50.0	129	22 - 137				+/-1.0	
o-Terphenyl	100	89	33 - 133				+/-1.0	
Matrix Spike Dup (7G09001-MSD1)			Lab File ID: 3GEA027-0		Analyzed: 07/10/07 19:58			
n-Nonatriacontane	50.0	152	22 - 137				+/-1.0	*
o-Terphenyl	100	108	33 - 133				+/-1.0	
JAX25-MW14-20070706 (B706062-01)			Lab File ID: 3GEA028-0		Analyzed: 07/10/07 20:20			
n-Nonatriacontane	50.0	140	22 - 137				+/-1.0	*
o-Terphenyl	100	100	33 - 133				+/-1.0	
JAX25-MW13-20070705 (B705885-01)			Lab File ID: 3GEA029-0		Analyzed: 07/10/07 20:43			
n-Nonatriacontane	50.0	147	22 - 137				+/-1.0	*
o-Terphenyl	100	101	33 - 133				+/-1.0	
JAX25-MW12-20070705 (B705885-03)			Lab File ID: 3GEA031-0		Analyzed: 07/10/07 21:28			
n-Nonatriacontane	50.0	133	22 - 137				+/-1.0	
o-Terphenyl	100	87	33 - 133				+/-1.0	
JAX25-MW03-20070705 (B705885-04)			Lab File ID: 3GEA032-0		Analyzed: 07/10/07 21:51			
n-Nonatriacontane	50.0	120	22 - 137				+/-1.0	
o-Terphenyl	100	92	33 - 133				+/-1.0	
JAX25-MW07-20070705 (B705885-05)			Lab File ID: 3GEA033-0		Analyzed: 07/10/07 22:14			
n-Nonatriacontane	50.0	139	22 - 137				+/-1.0	*
o-Terphenyl	100	92	33 - 133				+/-1.0	
JAX25-MW01-20070705 (B705885-06)			Lab File ID: 3GEA036-0		Analyzed: 07/10/07 23:22			
n-Nonatriacontane	50.0	148	22 - 137				+/-1.0	*
o-Terphenyl	100	105	33 - 133				+/-1.0	
JAX25-MW02-20070705 (B705885-07)			Lab File ID: 3GEA037-0		Analyzed: 07/10/07 23:44			
n-Nonatriacontane	50.0	154	22 - 137				+/-1.0	*
o-Terphenyl	100	104	33 - 133				+/-1.0	

SURROGATE STANDARD RECOVERY AND RT SUMMARY
FLPRO

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Sequence:	BA00956	Instrument:	JSVGCFID2
Matrix:	Water	Calibration:	0707004

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
JAX25-MW11-20070705 (B705885-08)			Lab File ID: 3GEA038-0		Analyzed: 07/11/07 00:08			
n-Nonatriacontane	50.0	121	22 - 137				+/-1.0	
o-Terphenyl	100	93	33 - 133				+/-1.0	
JAX25-MW15-20070706 (B706062-02)			Lab File ID: 3GEA039-0		Analyzed: 07/11/07 00:30			
n-Nonatriacontane	50.0	147	22 - 137				+/-1.0	*
o-Terphenyl	100	97	33 - 133				+/-1.0	
JAX25-MW09-20070706 (B706062-03)			Lab File ID: 3GEA040-0		Analyzed: 07/11/07 00:53			
n-Nonatriacontane	50.0	124	22 - 137				+/-1.0	
o-Terphenyl	100	89	33 - 133				+/-1.0	
JAX25-DUP-20070706 (B706062-04)			Lab File ID: 3GEA041-0		Analyzed: 07/11/07 01:15			
n-Nonatriacontane	50.0	144	22 - 137				+/-1.0	*
o-Terphenyl	100	96	33 - 133				+/-1.0	
JAX25-MW05-20070706 (B706062-05)			Lab File ID: 3GEA042-0		Analyzed: 07/11/07 01:38			
n-Nonatriacontane	50.0	155	22 - 137				+/-1.0	*
o-Terphenyl	100	104	33 - 133				+/-1.0	
JAX25-MW04-20070705 (B705885-02RE1)			Lab File ID: 3GFA008-0		Analyzed: 07/11/07 12:07			
n-Nonatriacontane	50.0	114	22 - 137				+/-1.0	
o-Terphenyl	100	83	33 - 133				+/-1.0	

INITIAL CALIBRATION STANDARDS

FLPRO

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Sequence:	BA00439	Instrument:	JSVGCFID2
Calibration:	0707004		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
B7A0016	FLPRO- 170 ug/ml curve std	BA00439-CAL1	3CMA003-0	03/18/07 15:25
B7A0017	FLPRO- 425 ug/ml curve std	BA00439-CAL2	3CMA004-0	03/18/07 15:47
B7A0018	FLPRO- 850 ug/ml curve std	BA00439-CAL3	3CMA005-0	03/18/07 16:10
B7A0019	FLPRO- 1700 ug/ml curve std	BA00439-CAL4	3CMA006-0	03/18/07 16:32
B7A0020	FLPRO- 2550 ug/ml curve std	BA00439-CAL5	3CMA007-0	03/18/07 16:54
B7A0021	FLPRO- 4250 ug/ml curve std	BA00439-CAL6	3CMA008-0	03/18/07 17:16
B7A0042	Flpro - Flpro surrogate std #1	BA00439-CAL7	3CMA009-0	03/18/07 17:39
B7A0043	Flpro - Flpro surrogate std #2	BA00439-CAL8	3CMA010-0	03/18/07 18:01
B7A0044	Flpro - Flpro surrogate std #3	BA00439-CAL9	3CMA011-0	03/18/07 18:23

INITIAL CALIBRATION DATA
FLPRO

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Calibration:	0707004	Instrument:	JSVGCFID2
Matrix:	Water	Calibration Date:	03/18/07 11:33

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/mL	RF	ug/mL	RF	ug/mL	RF	ug/mL	RF	ug/mL	RF	ug/mL	RF
TPH (C8-C40)	170	5518.6	425	5965.574	850	5687.652	1700	5652.875	2550	6070.494	4250	5783.327
n-Nonatriacontane												
o-Terphenyl												

INITIAL CALIBRATION DATA (Continued)

FLPRO

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Calibration:	0707004	Instrument:	JSVGCFID2
Matrix:	Water	Calibration Date:	03/18/07 11:33

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/mL	RF	ug/mL	RF	ug/mL	RF	ug/mL	RF	ug/mL	RF	ug/mL	RF
TPH (C8-C40)												
n-Nonatriacontane	19.8	3782.549	99.6	4394.672	200	4496.012						
o-Terphenyl	9.9	7085.447	49.8	7198.974	99.9	7290.572						

INITIAL CALIBRATION DATA (Continued)
FLPRO

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Calibration:	0707004	Instrument:	JSVGCFID2
Matrix:	Water	Calibration Date:	03/18/07 11:33

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
TPH (C8-C40)	5779.754	3.561429	7.34	0.0103633			20	
n-Nonatriacontane	4224.411	9.137464	13.738	4.396604E-02			20	
o-Terphenyl	7191.665	1.428844	6.622	4.656435E-02			20	

FLPRO Calibration Data

Turbochrom Method File : C:\TC4\AUTOFID2\FLP3CM.MTH
Created by : SHS on : 3/19/07 09:28 AM
Edited by : jj on : 3/19/07 09:41 AM
Description : Flpro cal method Rtx-5 30m x 0.53 (no flash)

Number of Times Edited : 2
Number of Times Calibrated : 93

Processing Parameters :

Bunch Factor : 1 points
Noise Threshold : 100 μV
Area Threshold : 500.00 μV

Peak Separation Criteria
Width Ratio : 0.500
Valley-to-Peak Ratio : 0.010

Exponential Skim Criteria
Peak Height Ratio : 5.000
Adjusted Height Ratio : 4.000
Valley Height Ratio : 3.000

Baseline Timed Events :

Event #1 - -P at 0.000
Event #2 - +P at 0.950
Event #3 - -P at 14.599

Annotated Replot Parameters :

Offset & Scale determined automatically
Scale Factor : 1.000000

Number of Pages : 1
Plot Title : Chromatogram
X-Axis Label : Time [min]
Y-Axis Label : Response [mV]
Orientation : Landscape
Retention Labels : Top of Plot
Component Labels : Actual Time
Automatically set plot start and end times to data limits

Report Format files :

No report format files given

User Programs :

No user programs will be executed

Global Information :

Default Sample Volume : 1.000 ul
Quantitation Units : ng
Void Time : 0.000 min

Reject outliers during calibration : NO
An External Standard calibration will be used
Unknown peaks will be quantitated using a response factor of 1.000000e+06

Component Information :

TPH (C8-C40)

Component Type : Timed Group
Start Time : 0.843 min End Time : 13.843 min
Reference Component:
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000
Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	170.0000	938162.36	589967.00	----------	----------	1
2	425.0000	2535369.34	1.60e+06	----------	----------	1
3	850.0000	4834504.41	3.08e+06	----------	----------	1
4	1700.0000	9609886.73	6.07e+06	----------	----------	1
5	2550.0000	15479762.68	9.79e+06	----------	----------	1
6	4250.0000	24579141.94	1.47e+07	----------	----------	1

Average Calibration Factor = 5779.754425 (%RSD = 3.56)

O-Terphenyl

Component Type : Single Peak Component
Retention Time : 15.500 min Search Window: 1.00 s, 1.00 %
Reference Component:
Find largest peak in window
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000
Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	50.0000	2025665.64	167817.64	----------	----------	0

Average Calibration Factor = 40513.312816 (%RSD = 0.00)

Nonatriacontane

Component Type : Single Peak Component
Retention Time : 16.000 min Search Window: 1.00 s, 1.00 %
Reference Component:
Find largest peak in window
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 0.000000

Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	100.0000	24142.69	13241.16	----------	----------	1

Average Calibration Factor = 241.426882 (%RSD = 0.00)

Software Version: 4.1<1L22>
Sample Name : BA00439-CAL1
Sample Number: 3
Operator : PL

Time : 3/19/07 09:48 AM
Study : B7A0016

Instrument : JSVGCFID2
AutoSampler : BUILT-IN
Rack/Vial : 0/3

Channel : A A/D mV Range : 1000

Interface Serial # : NONE Data Acquisition Time: 3/18/07 03:25 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : C:\TC4\AUTOFID2\MARCH\3CMA003.RAW
Result File : C:\TC4\AUTOFID2\MARCH\3CMA003.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from C:\TC4\AUTOFID2\MARCH\3CMA003.RST
Proc Method : C:\TC4\AUTOFID2\FLP3A5 from C:\TC4\AUTOFID2\MARCH\3CMA003.RST
Calib Method : C:\TC4\AUTOFID2\FLP3A5 from C:\TC4\AUTOFID2\MARCH\3CMA003.RST
Sequence File : C:\TC4\SEQUEN~1\3CM.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

==========
PRIMARY COLUMN (DETECTOR A):Rtx-5 30mx0.53x0.5 Flp Analysis Curve (flp3a5 on 01-05-07)
50 ppb O-Terphenyl and 100 ppb c-39 (surr's) 1700 ppb LCS and 1700 ppb CVS
Injection volume = 1.0 ul
==========

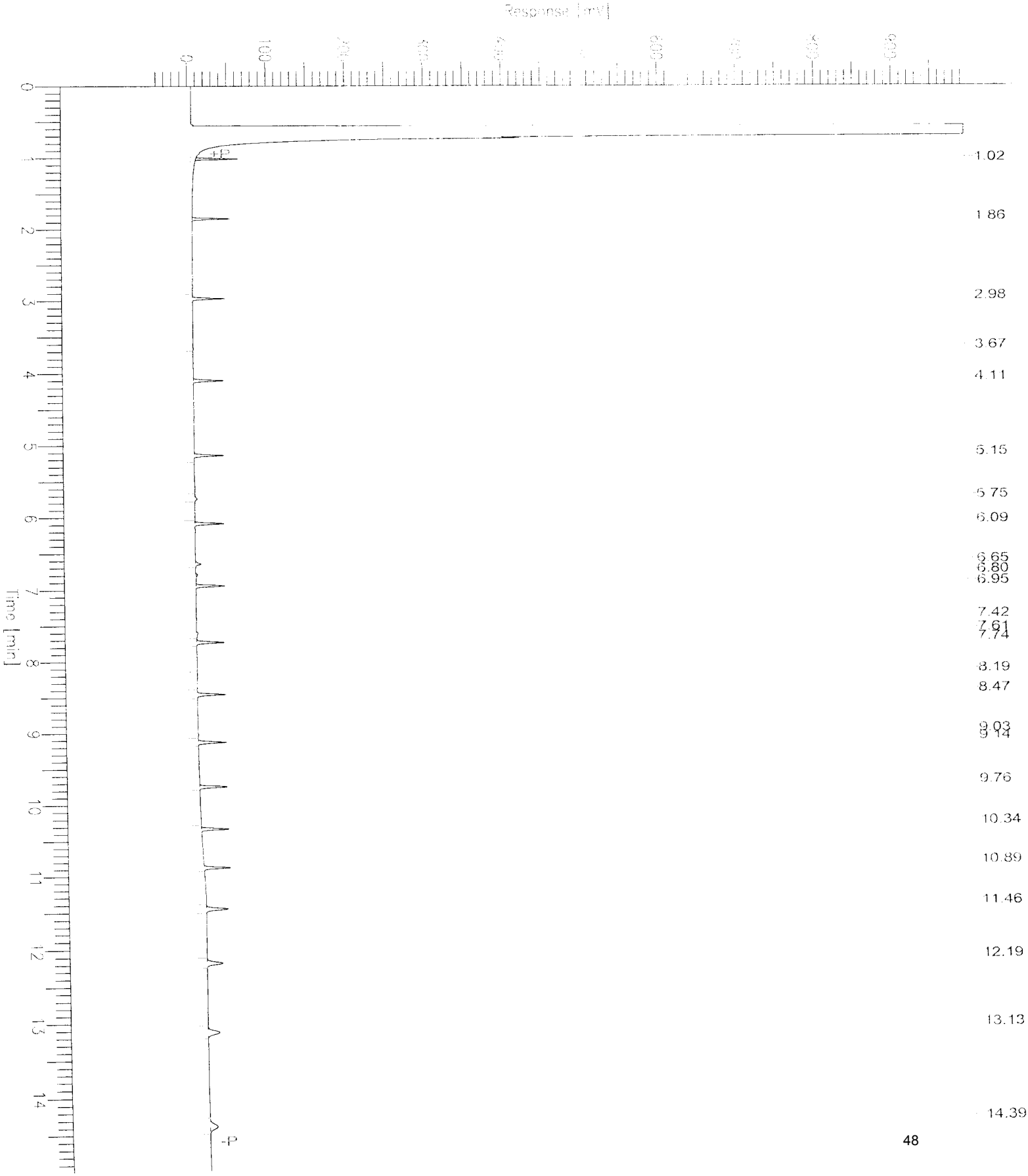
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
	7.34	TPH (C8-C40)	938162	165.2	165.2
0	15.50	O-Terphenyl	0	0.0	0.0
0	16.00	Nonatriacontane	0	0.0	0.0
			938162	165.2	165.2

Report stored in ASCII file: C:\TC4\AUTOFID2\MARCH\3CMA003.TX0

Chromatogram

Sample Name : BA00439-CAL1
FileName : C:\TC4\AUTOFID2\MARCH\3CMA003.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: -44 mV

Sample #: 3
Date : 3/19/07 09:48 AM
Time of Injection: 3/18/07 03:25 PM
Low Point : -44.48 mV High Point : 993.88 mV
Plot Scale: 1038.4 mV



Software Version: 4.1<1L22>
Sample Name : BA00439-CAL2 Time : 3/19/07 09:48 AM
Sample Number: 4 Study : B7A0017
Operator : PL

Instrument : JSVGCFID2 Channel : A A/D mV Range : 1000
AutoSampler : BUILT-IN
Rack/Vial : 0/4

Interface Serial # : NONE Data Acquisition Time: 3/18/07 03:47 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : C:\TC4\AUTOFID2\MARCH\3CMA004.RAW
Result File : C:\TC4\AUTOFID2\MARCH\3CMA004.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from C:\TC4\AUTOFID2\MARCH\3CMA004.RST
Proc Method : C:\TC4\AUTOFID2\FLP3CM from C:\TC4\AUTOFID2\MARCH\3CMA004.RST
Calib Method : C:\TC4\AUTOFID2\FLP3CM from C:\TC4\AUTOFID2\MARCH\3CMA004.RST
Sequence File : C:\TC4\SEQUEN~1\3CM.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

==========
PRIMARY COLUMN (DETECTOR A):Rtx-5 30mx0.53x0.5 Flp Analysis Curve (flp3CM on 03-18-07)
50 ppb O-Terphenyl and 100 ppb c-39 (surr's) 1700 ppb LCS and 1700 ppb CVS
Injection volume = 1.0 ul
==========

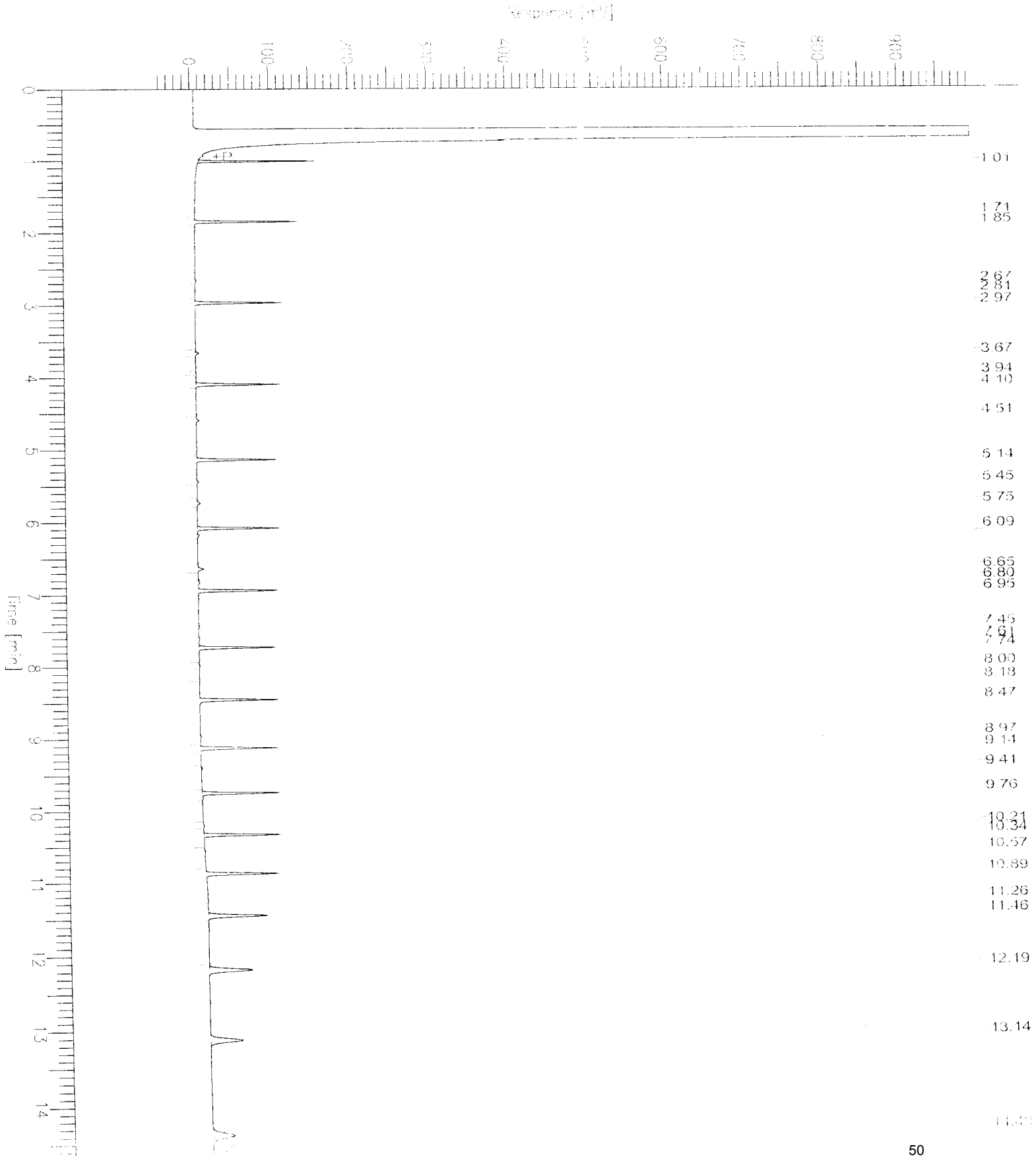
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
	7.34	TPH (C8-C40)	2535369	446.4	446.4
0	15.50	O-Terphenyl	0	0.0	0.0
0	16.00	Nonatriacontane	0	0.0	0.0
			2535369	446.4	446.4

Report stored in ASCII file: C:\TC4\AUTOFID2\MARCH\3CMA004.TX0

Chromatogram

Sample Name : BA00439-CAL2
FileName : C:\TC4\AUTOFID2\MARCH\3CMA004.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: -44 mV

Sample #: 4
Date : 3/19/07 09:48 AM
Time of Injection: 3/18/07 03:47 PM
Low Point : -44.49 mV High Point : 993.88 mV
Plot Scale: 1038.4 mV



Software Version: 4.1<1L22>
Sample Name : BA00439-CAL3
Sample Number: 5
Operator : PL

Time : 3/19/07 09:48 AM
Study : B7A0018

Instrument : JSVGCFID2
AutoSampler : BUILT-IN
Rack/Vial : 0/5

Channel : A A/D mV Range : 1000

Interface Serial # : NONE Data Acquisition Time: 3/18/07 04:10 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : C:\TC4\AUTOFID2\MARCH\3CMA005.RAW
Result File : C:\TC4\AUTOFID2\MARCH\3CMA005.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from C:\TC4\AUTOFID2\MARCH\3CMA005.RST
Proc Method : C:\TC4\AUTOFID2\FLP3CM from C:\TC4\AUTOFID2\MARCH\3CMA005.RST
Calib Method : C:\TC4\AUTOFID2\FLP3CM from C:\TC4\AUTOFID2\MARCH\3CMA005.RST
Sequence File : C:\TC4\SEQUEN~1\3CM.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

==========

PRIMARY COLUMN (DETECTOR A):Rtx-5 30mx0.53x0.5 Flp Analysis Curve (flp3CM on 03-18-07)
50 ppb O-Terphenyl and 100 ppb c-39 (surr's) 1700 ppb LCS and 1700 ppb CVS
Injection volume = 1.0 ul

==========

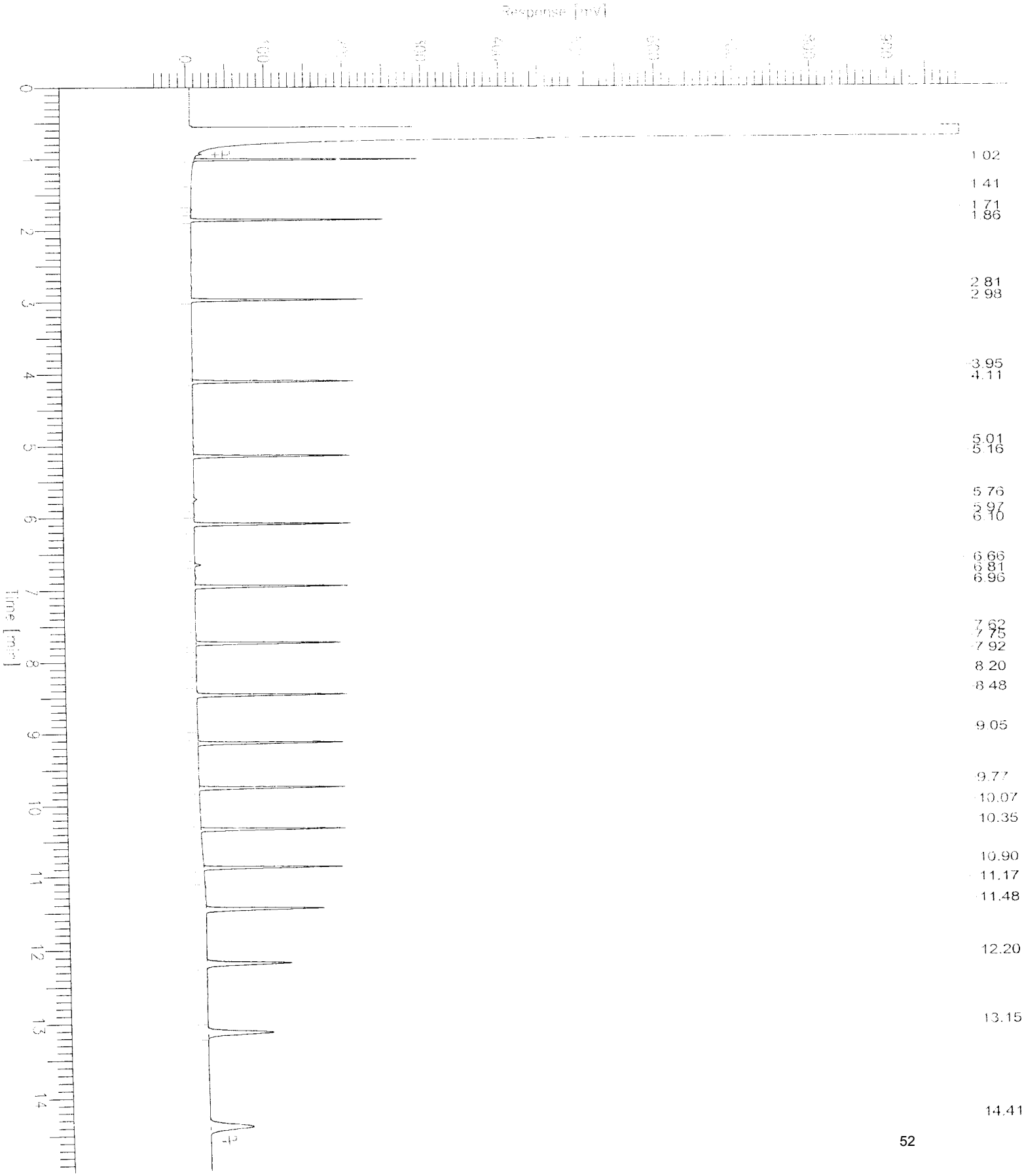
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
	7.34	TPH (C8-C40)	4834504	851.3	851.3
0	15.50	O-Terphenyl	0	0.0	0.0
0	16.00	Nonatriacontane	0	0.0	0.0
			4834504	851.3	851.3

Report stored in ASCII file: C:\TC4\AUTOFID2\MARCH\3CMA005.TX0

Chromatogram

Sample Name : BA00439-CAL3
FileName : C:\TC4\AUTOFID2\MARCH\3CMA005.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: -44 mV

Sample #: 5
Date : 3/19/07 09:48 AM
Time of Injection: 3/18/07 04:10 PM
Low Point : -44.49 mV High Point : 993.88 mV
Plot Scale: 1038.4 mV



Software Version: 4.1<1L22>
Sample Name : BA00439-CAL4
Sample Number: 6
Operator : PL

Time : 3/19/07 09:49 AM
Study : B7A0019

Instrument : JSVGCFID2
AutoSampler : BUILT-IN
Rack/Vial : 0/6

Channel : A A/D mV Range : 1000

Interface Serial # : NONE Data Acquisition Time: 3/18/07 04:32 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : C:\TC4\AUTOFID2\MARCH\3CMA006.RAW
Result File : C:\TC4\AUTOFID2\MARCH\3CMA006.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from C:\TC4\AUTOFID2\MARCH\3CMA006.RST
Proc Method : C:\TC4\AUTOFID2\FLP3CM from C:\TC4\AUTOFID2\MARCH\3CMA006.RST
Calib Method : C:\TC4\AUTOFID2\FLP3CM from C:\TC4\AUTOFID2\MARCH\3CMA006.RST
Sequence File : C:\TC4\SEQUEN~1\3CM.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

==========

PRIMARY COLUMN (DETECTOR A):Rtx-5 30mx0.53x0.5 Flp Analysis Curve (flp3CM on 03-18-07)
50 ppb O-Terphenyl and 100 ppb c-39 (surr's) 1700 ppb LCS and 1700 ppb CVS
Injection volume = 1.0 ul

==========

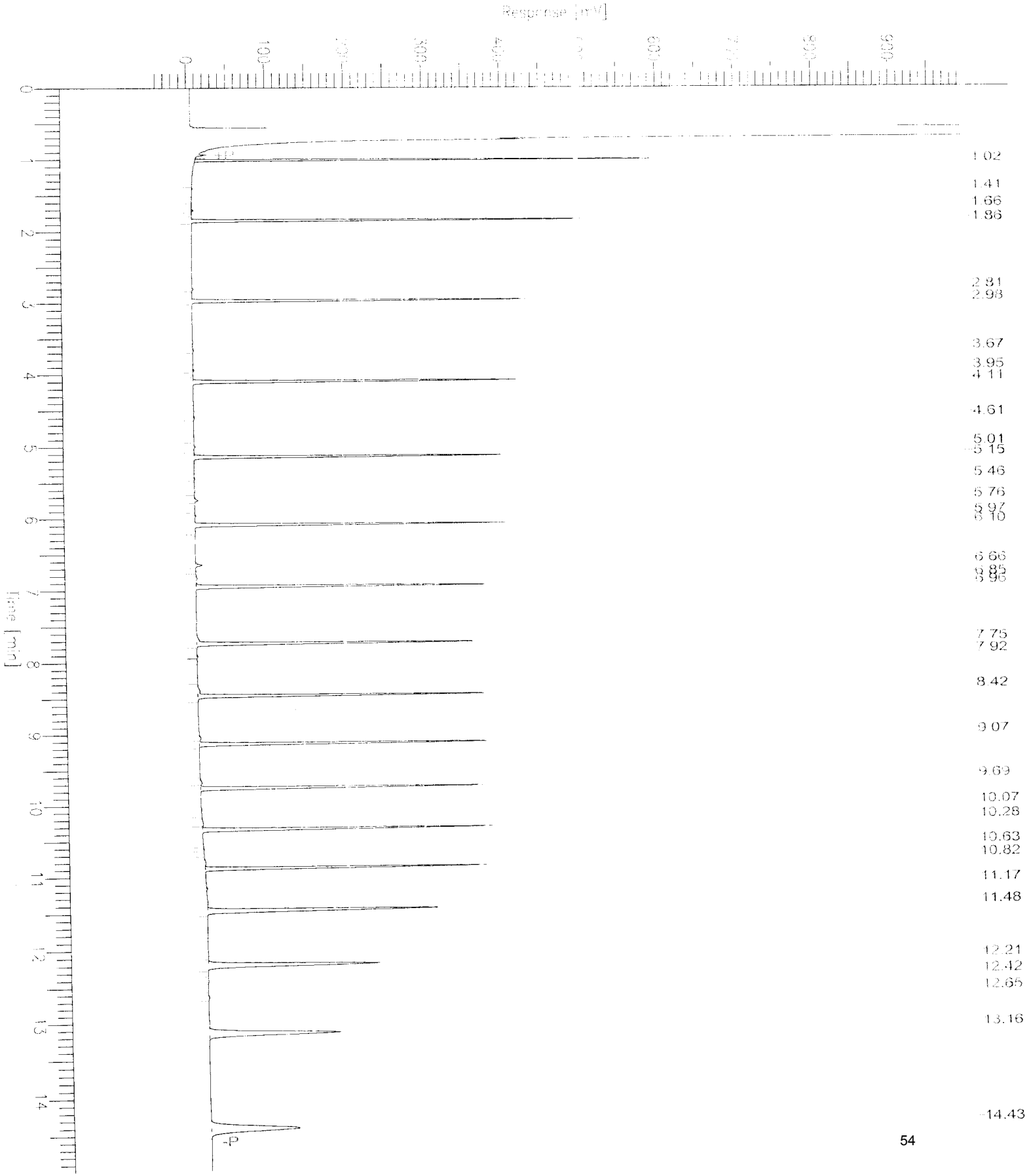
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
	7.34	TPH (C8-C40)	9609887	1692.1	1692.1
0	15.50	O-Terphenyl	0	0.0	0.0
0	16.00	Nonatriacontane	0	0.0	0.0
			9609887	1692.1	1692.1

Report stored in ASCII file: C:\TC4\AUTOFID2\MARCH\3CMA006.TX0

Chromatogram

Sample Name : BA00439-CAL4
FileName : C:\TC4\AUTOFID2\MARCH\3CMA006.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: -44 mV

Sample #: 6
Date : 3/19/07 09:49 AM
Time of Injection: 3/18/07 04:32 PM
Low Point : -44.48 mV High Point : 993.88 mV
Plot Scale: 1038.4 mV



Software Version: 4.1<1L22>
Sample Name : BA00439-CAL5
Sample Number: 7
Operator : PL

Time : 3/19/07 09:49 AM
Study : B7A0020

Instrument : JSVGCFID2
AutoSampler : BUILT-IN
Rack/Vial : 0/7

Channel : A A/D mV Range : 1000

Interface Serial # : NONE Data Acquisition Time: 3/18/07 04:54 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : C:\TC4\AUTOFID2\MARCH\3CMA007.RAW
Result File : C:\TC4\AUTOFID2\MARCH\3CMA007.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from C:\TC4\AUTOFID2\MARCH\3CMA007.RST
Proc Method : C:\TC4\AUTOFID2\FLP3CM from C:\TC4\AUTOFID2\MARCH\3CMA007.RST
Calib Method : C:\TC4\AUTOFID2\FLP3CM from C:\TC4\AUTOFID2\MARCH\3CMA007.RST
Sequence File : C:\TC4\SEQUEN~1\3CM.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

==========
PRIMARY COLUMN (DETECTOR A):Rtx-5 30mx0.53x0.5 Flp Analysis Curve (flp3CM on 03-18-07)
50 ppb O-Terphenyl and 100 ppb c-39 (surr's) 1700 ppb LCS and 1700 ppb CVS
Injection volume = 1.0 ul
==========

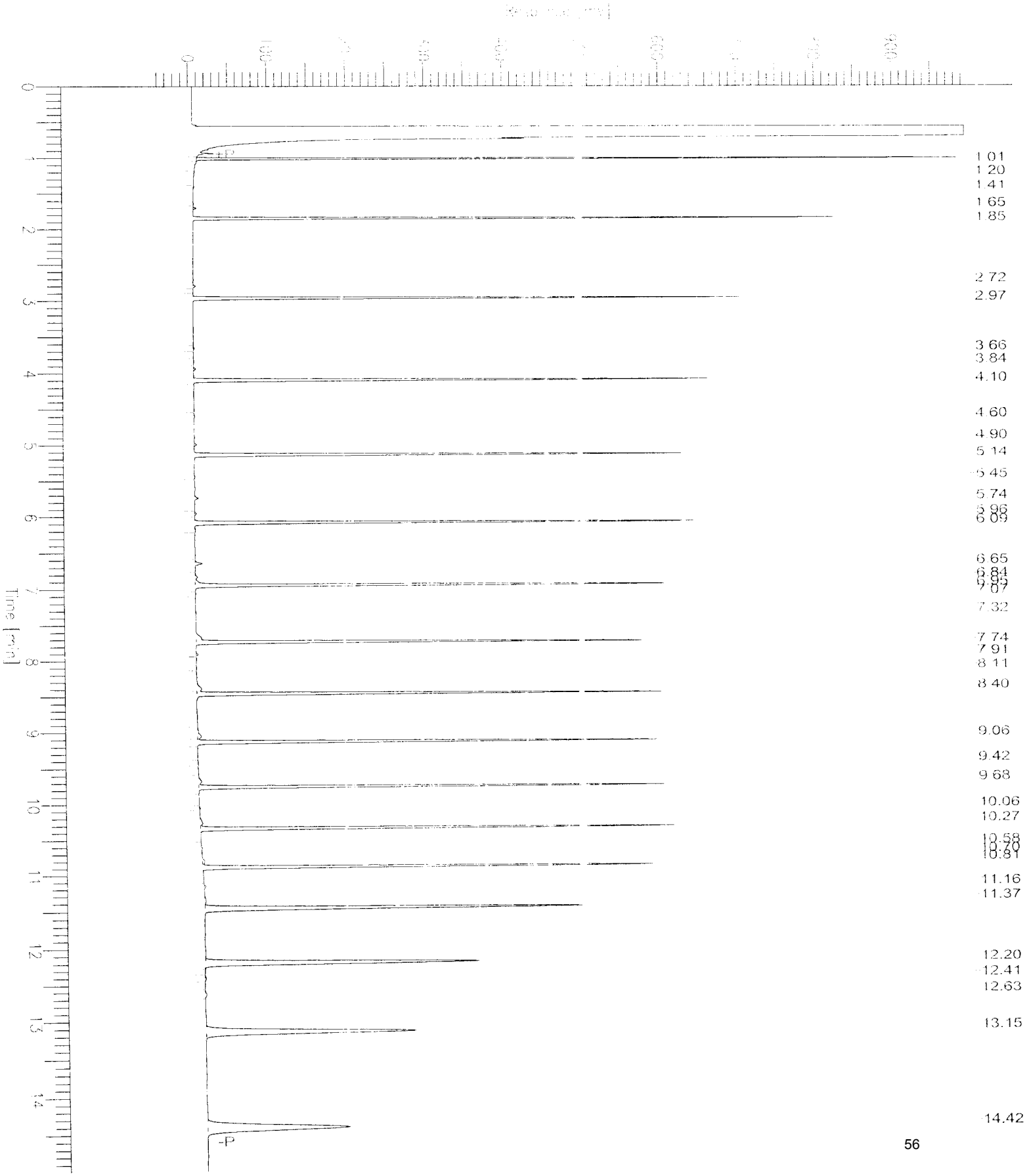
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
	7.34	TPH (C8-C40)	15479763	2725.7	2725.7
0	15.50	O-Terphenyl	0	0.0	0.0
0	16.00	Nonatriacontane	0	0.0	0.0
			15479763	2725.7	2725.7

Report stored in ASCII file: C:\TC4\AUTOFID2\MARCH\3CMA007.TX0

Chromatogram

Sample Name : BA00439-CAL5
FileName : C:\TC4\AUTOFID2\MARCH\3CMA007.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: -44 mV

Sample #: 7
Date : 3/19/07 09:49 AM
Time of Injection: 3/18/07 04:54 PM
Low Point : -44.48 mV High Point : 993.88 mV
Plot Scale. 1038.4 mV



Software Version: 4.1<1L22>
Sample Name : BA00439-CAL6
Sample Number: 8
Operator : PL

Time : 3/19/07 09:49 AM
Study : B7A0021

Instrument : JSVGCFID2
AutoSampler : BUILT-IN
Rack/Vial : 0/8

Channel : A A/D mV Range : 1000

Interface Serial # : NONE Data Acquisition Time: 3/18/07 05:16 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : C:\TC4\AUTOFID2\MARCH\3CMA008.RAW
Result File : C:\TC4\AUTOFID2\MARCH\3CMA008.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from C:\TC4\AUTOFID2\MARCH\3CMA008.RST
Proc Method : C:\TC4\AUTOFID2\FLP3CM from C:\TC4\AUTOFID2\MARCH\3CMA008.RST
Calib Method : C:\TC4\AUTOFID2\FLP3CM from C:\TC4\AUTOFID2\MARCH\3CMA008.RST
Sequence File : C:\TC4\SEQUEN~1\3CM.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

==========

PRIMARY COLUMN (DETECTOR A):Rtx-5 30mx0.53x0.5 Flp Analysis Curve (flp3CM on 03-18-07)
50 ppb O-Terphenyl and 100 ppb c-39 (surr's) 1700 ppb LCS and 1700 ppb CVS
Injection volume = 1.0 ul

==========

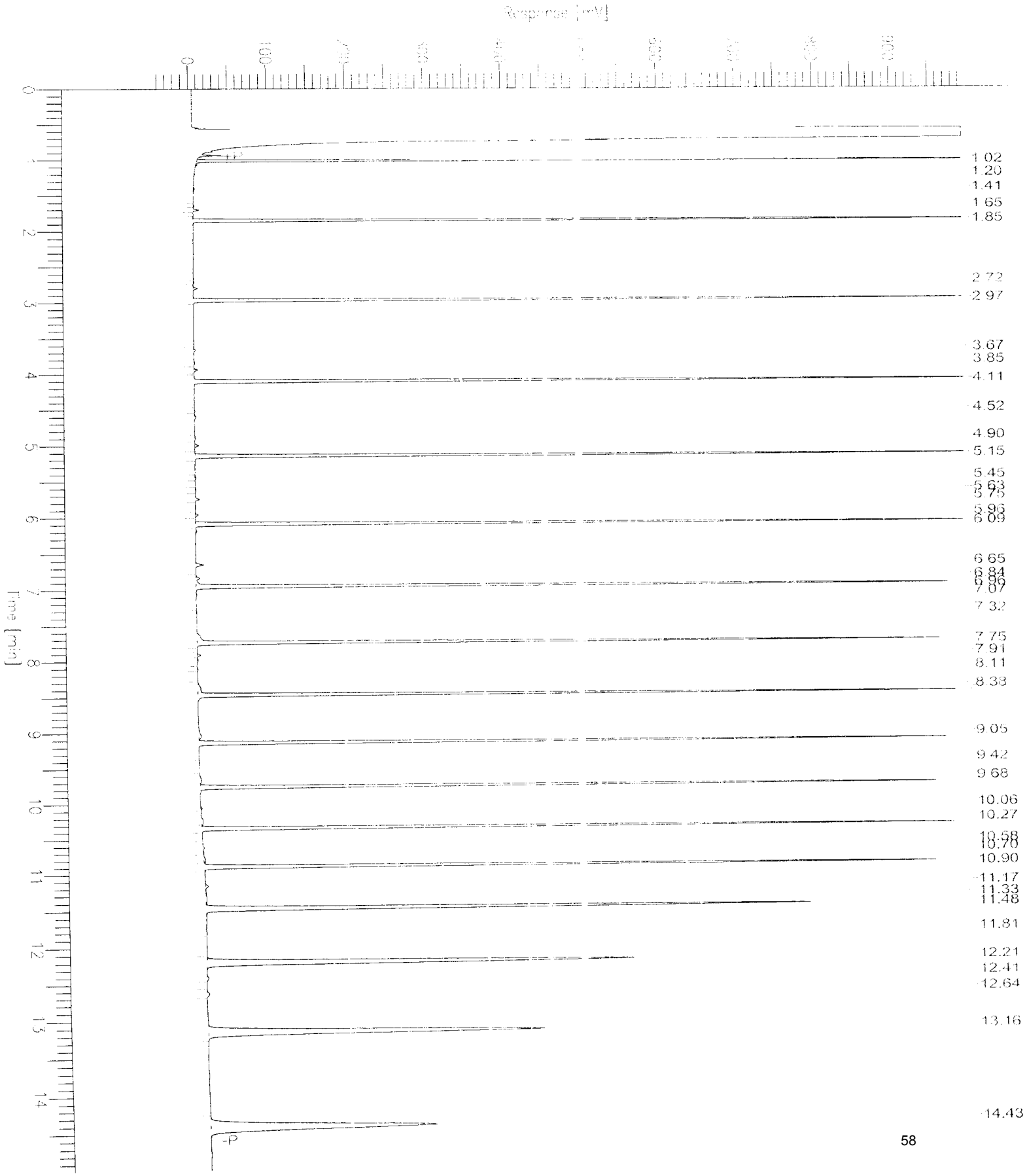
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
	7.34	TPH (C8-C40)	24579142	4328.0	4328.0
0	15.50	O-Terphenyl	0	0.0	0.0
0	16.00	Nonatriacontane	0	0.0	0.0
			24579142	4328.0	4328.0

Report stored in ASCII file: C:\TC4\AUTOFID2\MARCH\3CMA008.TX0

Chromatogram

Sample Name : BA00439-CAL6
FileName : C:\TC4\AUTOFID2\MARCH\3CMA008.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: -44 mV

Sample #: 3
Date : 3/19/07 09:49 AM
Time of Injection: 3/18/07 05:16 PM
Low Point : -44.49 mV High Point : 993.88 mV
Plot Scale: 1038.4 mV



Turbochrom Method File : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Created by : SHS on : 3/19/07 09:33 AM
Edited by : jj on : 3/19/07 09:36 AM
Description :

Number of Times Edited : 2
Number of Times Calibrated : 86

Processing Parameters :

Bunch Factor : 2 points
Noise Threshold : 10 μV
Area Threshold : 600.00 μV

Peak Separation Criteria
Width Ratio : 0.200
Valley-to-Peak Ratio : 0.010

Exponential Skim Criteria
Peak Height Ratio : 5.000
Adjusted Height Ratio : 4.000
Valley Height Ratio : 3.000

Baseline Timed Events :

Event #1 - -P at 0.000
Event #2 - +P at 6.509
Event #3 - -P at 6.721
Event #4 - +P at 13.583
Event #5 - -P at 13.886

Annotated Replot Parameters :

Offset & Scale determined automatically
Scale Factor : 1.000000

Number of Pages : 1
Plot Title : Chromatogram
X-Axis Label : Time [min]
Y-Axis Label : Response [mV]
Orientation : Landscape
Retention Labels : Top of Plot
Component Labels : Actual Time
Automatically set plot start and end times to data limits

Report Format files :

No report format files given

User Programs :

No user programs will be executed

Global Information :

Default Sample Volume : 1.000 ul
Quantitation Units : ng

Void Time : 0.000 min
Correct amounts during calibration : YES
Reject outliers during calibration : NO
An External Standard calibration will be used
Unknown peaks will be quantitated using a response factor of 1.000000e+06

Component Information :

O-Terphenyl (surr)
Component Type : Single Peak Component
Retention Time : 6.622 min Search Window: 0.00 s, 2.50 %
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000
Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	10.0000	70145.93	45564.68	----------	----------	1
2	50.0000	358508.86	249887.37	----------	----------	1
3	100.0000	728328.17	507555.17	----------	----------	1

Average Calibration Factor = 7156.017387 (%RSD = 1.89)

Nonatriacontane (surr)
Component Type : Single Peak Component
Retention Time : 13.738 min Search Window: 0.00 s, 2.10 %
Reference Component:
Find largest peak in window
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000
Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	20.0000	74894.46	17990.70	----------	----------	1
2	100.0000	437709.32	105588.86	----------	----------	1
3	200.0000	899202.43	214836.22	----------	----------	1

Average Calibration Factor = 4205.942744 (%RSD = 9.60)

Software Version: 4.1<1L22>
Sample Name : BA00439-CAL7
Sample Number: 9
Operator : PL

Time : 3/19/07 09:50 AM
Study : B7A0042

Instrument : JSVGCFID2
AutoSampler : BUILT-IN
Rack/Vial : 0/9

Channel : A A/D mV Range : 1000

Interface Serial # : NONE Data Acquisition Time: 3/18/07 05:39 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : C:\TC4\AUTOFID2\MARCH\3CMA009.RAW
Result File : C:\TC4\AUTOFID2\MARCH\3CMA009.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from C:\TC4\AUTOFID2\MARCH\3CMA009.RST
Proc Method : C:\TC4\AUTOFID2\FLSUR3CM from C:\TC4\AUTOFID2\MARCH\3CMA009.RS
Calib Method : C:\TC4\AUTOFID2\FLSUR3CM from C:\TC4\AUTOFID2\MARCH\3CMA009.RS
Sequence File : C:\TC4\SEQUEN~1\3CM.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A): Rtx-5 30mx0.53x0.50
Flp Surr Analysis Curve (flsur3CM on 03-18-07)
50 ppb O-Terphenyl / 100 ppb c-39, Injection volume = 1.0 ul

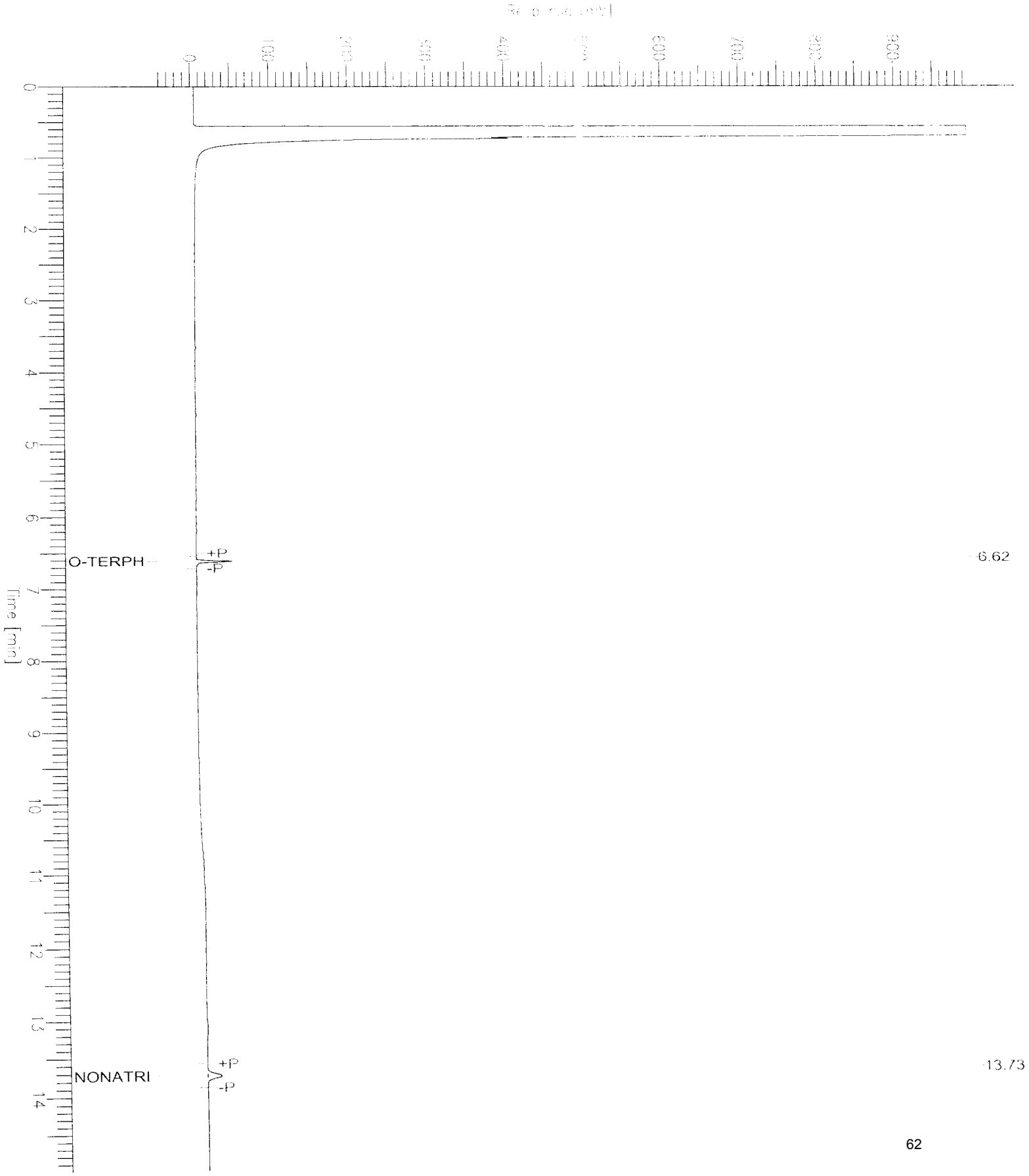
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
1	6.619	O-Terphenyl (surr)	70145.93	9.7481	9.7481
2	13.732	Nonatriacontane (sur	74894.46	18.3288	18.3288
			145040.39	28.0769	28.0769

Report stored in ASCII file: C:\TC4\AUTOFID2\MARCH\3CMA009.TX0

Chromatogram

Sample Name : BA00439-CAL7
FileName : C:\TC4\AUTOFID2\MARCH\3CMA009.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: 45 mV

Sample #: 9
Date : 3/19/07 09:50 AM
Time of Injection: 3/18/07 05:39 PM
Low Point : -44.51 mV High Point : 993.88 mV
Plot Scale: 1038.4 mV



Software Version: 4.1<1L22>
Sample Name : BA00439-CAL8 Time : 3/19/07 09:50 AM
Sample Number: 10 Study : B7A0043
Operator : PL

Instrument : JSVGCFID2 Channel : A A/D mV Range : 1000
AutoSampler : BUILT-IN
Rack/Vial : 0/10

Interface Serial # : NONE Data Acquisition Time: 3/18/07 06:01 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : C:\TC4\AUTOFID2\MARCH\3CMA010.RAW
Result File : C:\TC4\AUTOFID2\MARCH\3CMA010.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from C:\TC4\AUTOFID2\MARCH\3CMA010.RST
Proc Method : C:\TC4\AUTOFID2\FLSUR3CM from C:\TC4\AUTOFID2\MARCH\3CMA010.RS
Calib Method : C:\TC4\AUTOFID2\FLSUR3CM from C:\TC4\AUTOFID2\MARCH\3CMA010.RS
Sequence File : C:\TC4\SEQUEN~1\3CM.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

==========
PRIMARY COLUMN (DETECTOR A): Rtx-5 30mx0.53x0.50
Flp Surr Analysis Curve (flsur3CM on 03-18-07)
50 ppb O-Terphenyl / 100 ppb c-39, Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
1	6.622	O-Terphenyl (surr)	358508.86	49.8215	49.8215
2	13.740	Nonatriacontane (sur	437709.32	107.1199	107.1199
			796218.17	156.9414	156.9414

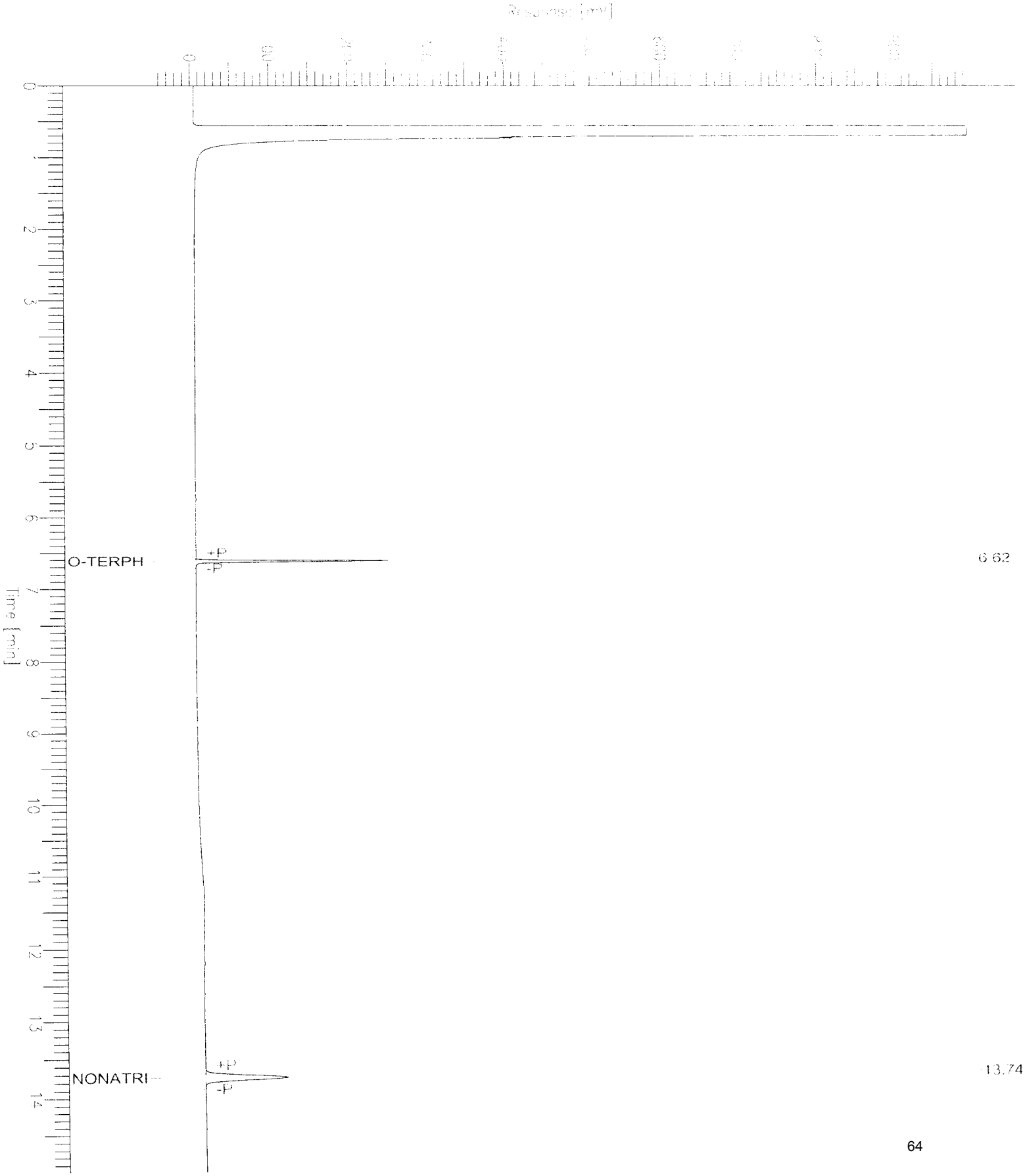
==========
==========

Report stored in ASCII file: C:\TC4\AUTOFID2\MARCH\3CMA010.TX0

Chromatogram

Sample Name : BA00439-CAL8
FileName : C:\TC4\AUTOFID2\MARCH\3CMA010.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: -44 mV

Sample #: 10
Date : 3/19/07 09:50 AM
Time of Injection: 3/18/07 06:01 PM
Low Point : -44.48 mV High Point : 993.88 mV
Plot Scale: 1038.4 mV



Software Version: 4.1<1L22>
Sample Name : BA00439-CAL9
Sample Number: 11
Operator : PL

Time : 3/19/07 09:50 AM
Study : B7A0044

Instrument : JSVGCFID2
AutoSampler : BUILT-IN
Rack/Vial : 0/11

Channel : A A/D mV Range : 1000

Interface Serial # : NONE Data Acquisition Time: 3/18/07 06:23 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : C:\TC4\AUTOFID2\MARCH\3CMA011.RAW
Result File : C:\TC4\AUTOFID2\MARCH\3CMA011.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from C:\TC4\AUTOFID2\MARCH\3CMA011.RST
Proc Method : C:\TC4\AUTOFID2\FLSUR3CM from C:\TC4\AUTOFID2\MARCH\3CMA011.RS
Calib Method : C:\TC4\AUTOFID2\FLSUR3CM from C:\TC4\AUTOFID2\MARCH\3CMA011.RS
Sequence File : C:\TC4\SEQUEN~1\3CM.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A): Rtx-5 30mx0.53x0.50
Flp Surr Analysis Curve (flsur3CM on 03-18-07)
50 ppb O-Terphenyl / 100 ppb c-39, Injection volume = 1.0 ul

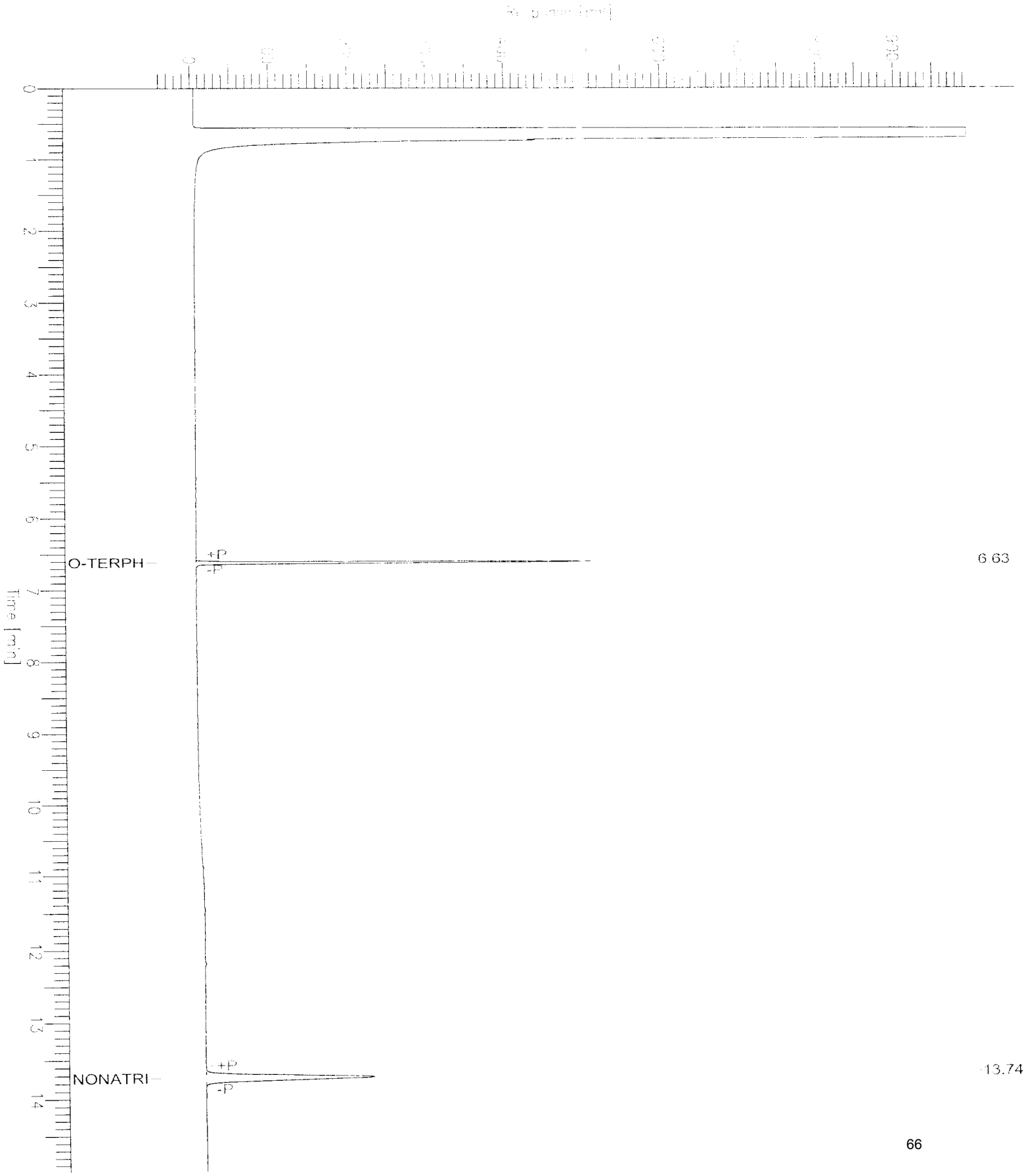
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
1	6.625	O-Terphenyl (surr)	728328.17	101.2148	101.2148
2	13.742	Nonatriacontane (sur	899202.43	220.0603	220.0603
			1627530.61	321.2751	321.2751

Report stored in ASCII file: C:\TC4\AUTOFID2\MARCH\3CMA011.TX0

Chromatogram

Sample Name : BA00439-CAL9
FileName : C:\TC4\AUTOFID2\MARCH\3CMA011.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: -44 mV

Sample #: 11
Date : 3/19/07 09:50 AM
Time of Injection: 3/18/07 06:23 PM
Low Point : -44.50 mV High Point : 993.88 mV
Plot Scale: 1038.4 mV



Software Version: 4.1<1L22>
Sample Name : BA00439-ICV1
Sample Number: 12
Operator : PL

Time : 3/19/07 09:42 AM
Study : B7C0128

Instrument : JSVGCFID2
AutoSampler : BUILT-IN
Rack/Vial : 0/12

Channel : A A/D mV Range : 1000

Interface Serial # : NONE Data Acquisition Time: 3/18/07 06:45 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : C:\TC4\AUTOFID2\MARCH\3CMA012.RAW
Result File : C:\TC4\AUTOFID2\MARCH\3CMA012.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from C:\TC4\AUTOFID2\MARCH\3CMA012.RST
Proc Method : C:\TC4\AUTOFID2\FLP3CM.MTH
Calib Method : C:\TC4\AUTOFID2\FLP3CM.MTH
Sequence File : C:\TC4\SEQUEN~1\3CM.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

==========
PRIMARY COLUMN (DETECTOR A):Rtx-5 30mx0.53x0.5 Flp Analysis Curve (flp3CM on 03-18-07)
50 ppb O-Terphenyl and 100 ppb c-39 (surr's) 1700 ppb LCS and 1700 ppb CVS
Injection volume = 1.0 ul
==========

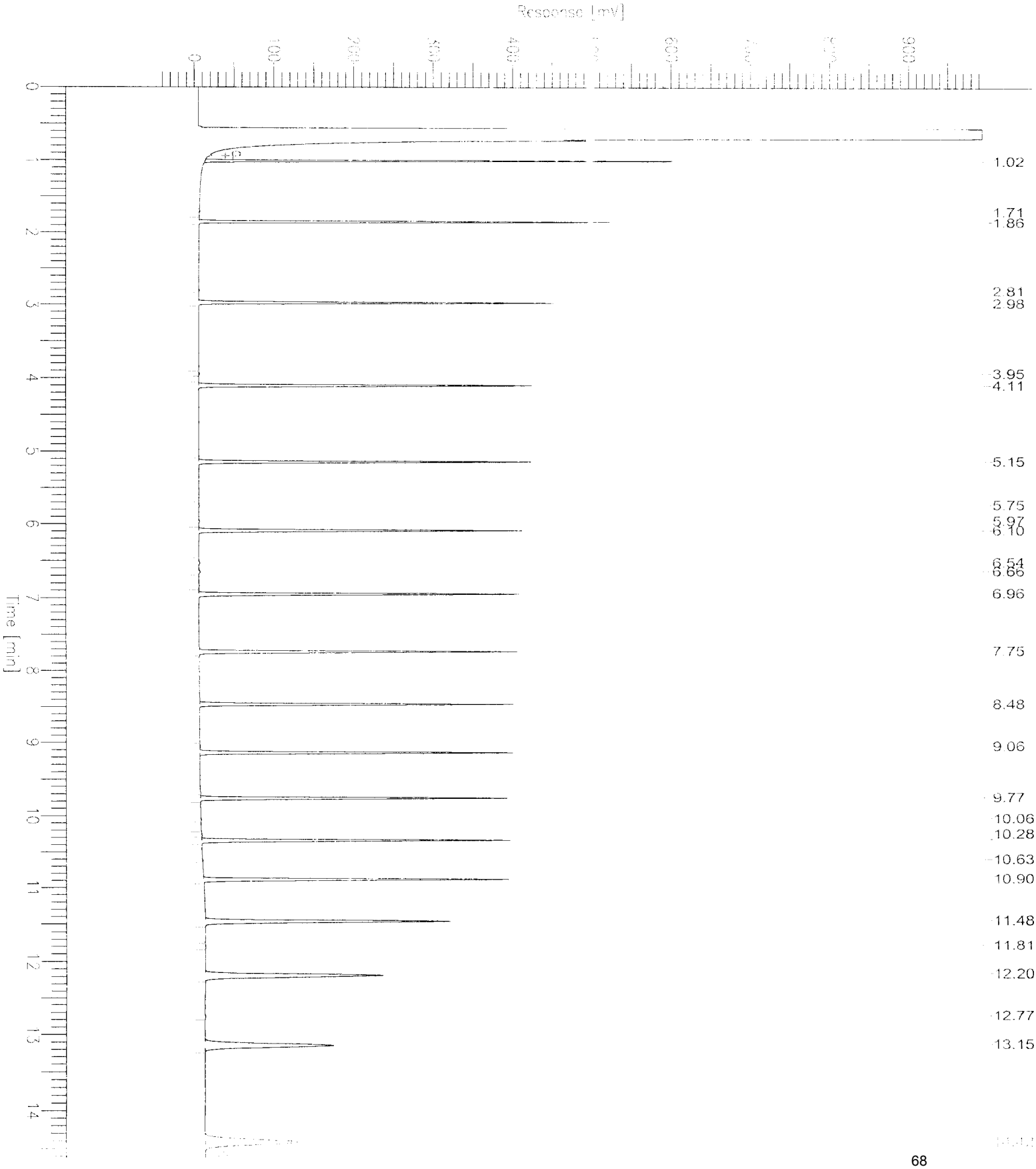
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
	7.34	TPH (C8-C40)	9858999	1705.8	1705.8
0	15.50	O-Terphenyl	0	0.0	0.0
0	16.00	Nonatriacontane	0	0.0	0.0
			9858999	1705.8	1705.8

Report stored in ASCII file: C:\TC4\AUTOFID2\MARCH\3CMA012.TX0

Chromatogram

Sample Name : BA00439-ICV1
FileName : C:\TC4\AUTOFID2\MARCH\3CMA012.RAW
Method : FLP3CM.MTH
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: -44 mV

Sample #: 12
Date : 3/19/07 09:42 AM
Time of Injection: 3/18/07 06:45 PM
Low Point : -44.49 mV High Point : 993.88 mV
Plot Scale: 1038.4 mV



Software Version: 4.1<1L22>
Sample Name : MECL2-BLK
Sample Number: 22
Operator : PL

Time : 7/11/07 8:33 AM
Study : FLPRO W

Instrument : JSVGCFID2
AutoSampler : BUILT-IN
Rack/Vial : 0/22

Channel : A A/D mV Range : 1000

Interface Serial # : NONE Data Acquisition Time: 7/10/07 6:05 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : H:\TC4\AUTOFID2\JUNE\3GEA022.RAW
Result File : H:\TC4\AUTOFID2\JUNE\3GEA022.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from H:\TC4\AUTOFID2\JUNE\3GEA022.RST
Proc Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA022.RST
Calib Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA022.RST
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

==========
PRIMARY COLUMN (DETECTOR A):Rtx-5 30mx0.53x0.5 Flp Analysis Curve (flp3CM on 03-18-07)
50 ppb O-Terphenyl and 100 ppb c-39 (surr's) 1700 ppb LCS and 1700 ppb CVS
Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
-	7.46	TPH (C8-C40)	0	0.0	0.0
0	15.50	O-Terphenyl	0	0.0	0.0
0	16.00	Nonatriacontane	0	0.0	0.0
			0	0.0	0.0

Report stored in ASCII file: H:\TC4\AUTOFID2\JUNE\3GEA022.TX0

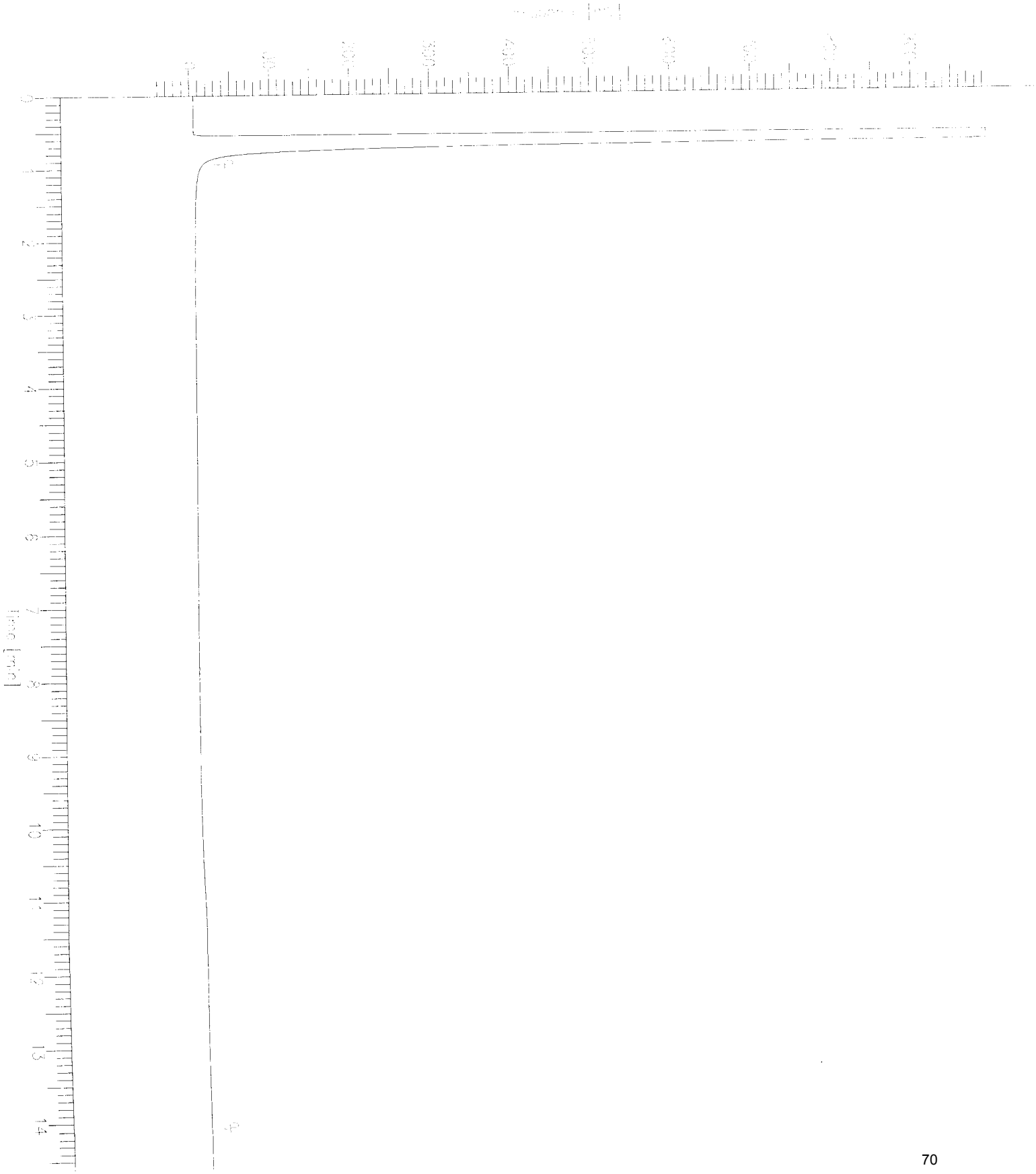
Chromatogram

Sample Name : MECL2-BLK
FileName : H:\TC4\AUTOFID2\JUNE\3GEA022.RAW
Method :
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 14.99 min
Plot Offset: -44 mV

Sample #: 22
Date : 7/11/07 8:33 AM
Time of Injection: 7/10/07 6:05 PM
Low Point : -44.49 mV
Plot Scale: 1038.4 mV

High Point : 993.88 mV



Software Version: 4.1<1L22>
Sample Name : BA00956-CCV1
Sample Number: 23
Operator : PL

Time : 7/11/07 8:33 AM
Study : FLPRO W

Instrument : JSVGCFID2
AutoSampler : BUILT-IN
Rack/Vial : 0/23

Channel : A A/D mV Range : 1000

Interface Serial # : NONE Data Acquisition Time: 7/10/07 6:27 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : H:\TC4\AUTOFID2\JUNE\3GEA023.RAW
Result File : H:\TC4\AUTOFID2\JUNE\3GEA023.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from H:\TC4\AUTOFID2\JUNE\3GEA023.RST
Proc Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA023.RST
Calib Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA023.RST
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

==========
PRIMARY COLUMN (DETECTOR A):Rtx-5 30mx0.53x0.5 Flp Analysis Curve (flp3CM on 03-18-07)
50 ppb O-Terphenyl and 100 ppb c-39 (surr's) 1700 ppb LCS and 1700 ppb CVS
Injection volume = 1.0 ul
==========

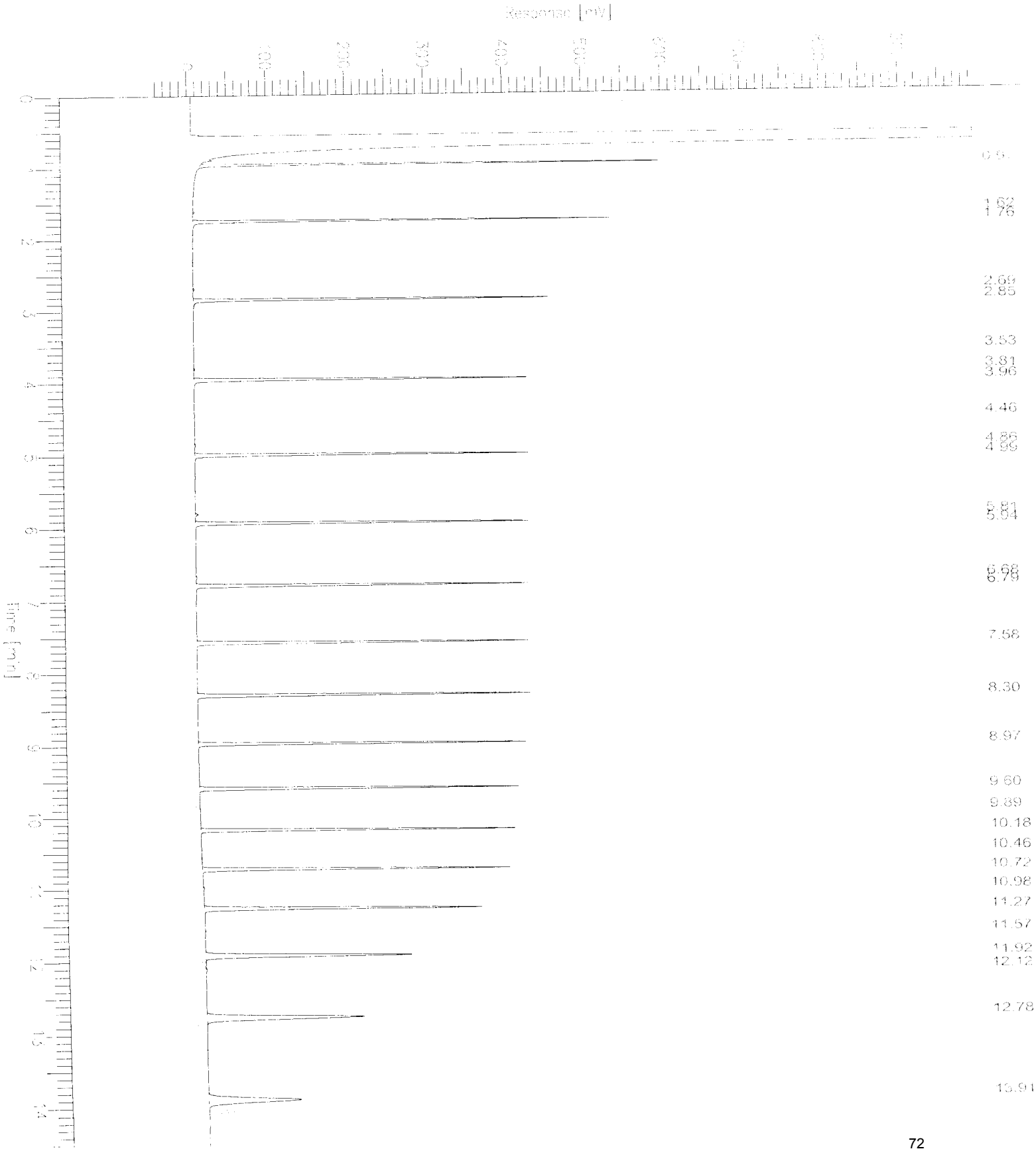
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
	7.46	TPH (C8-C40)	10810818	1870.5	1870.5
0	15.50	O-Terphenyl	0	0.0	0.0
0	16.00	Nonatriacontane	0	0.0	0.0
			10810818	1870.5	1870.5

Report stored in ASCII file: H:\TC4\AUTOFID2\JUNE\3GEA023.TX0

Chromatogram

Sample Name : BA00956-CCV1
FileName : H:\TC4\AUTOFID2\JUNE\3GEA023.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: -45 mV

Sample #: 23
Date : 7/11/07 8:33 AM
Time of Injection: 7/10/07 6:27 PM
Low Point : -44.50 mV High Point : 993.88 mV
Plot Scale: 1038.4 mV



Software Version: 4.1<1L22>
Sample Name : MECL2-BLK
Sample Number: 34
Operator : PL

Time : 7/11/07 8:36 AM
Study : FLPRO W

Instrument : JSVGCFID2
AutoSampler : BUILT-IN
Rack/Vial : 0/34

Channel : A A/D mV Range : 1000

Interface Serial # : NONE Data Acquisition Time: 7/10/07 10:37 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : H:\TC4\AUTOFID2\JUNE\3GEA034.RAW
Result File : H:\TC4\AUTOFID2\JUNE\3GEA034.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from H:\TC4\AUTOFID2\JUNE\3GEA034.RST
Proc Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA034.RST
Calib Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA034.RST
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

==========
PRIMARY COLUMN (DETECTOR A):Rtx-5 30mx0.53x0.5 Flp Analysis Curve (flp3CM on 03-18-07)
50 ppb O-Terphenyl and 100 ppb c-39 (surr's) 1700 ppb LCS and 1700 ppb CVS
Injection volume = 1.0 ul
==========

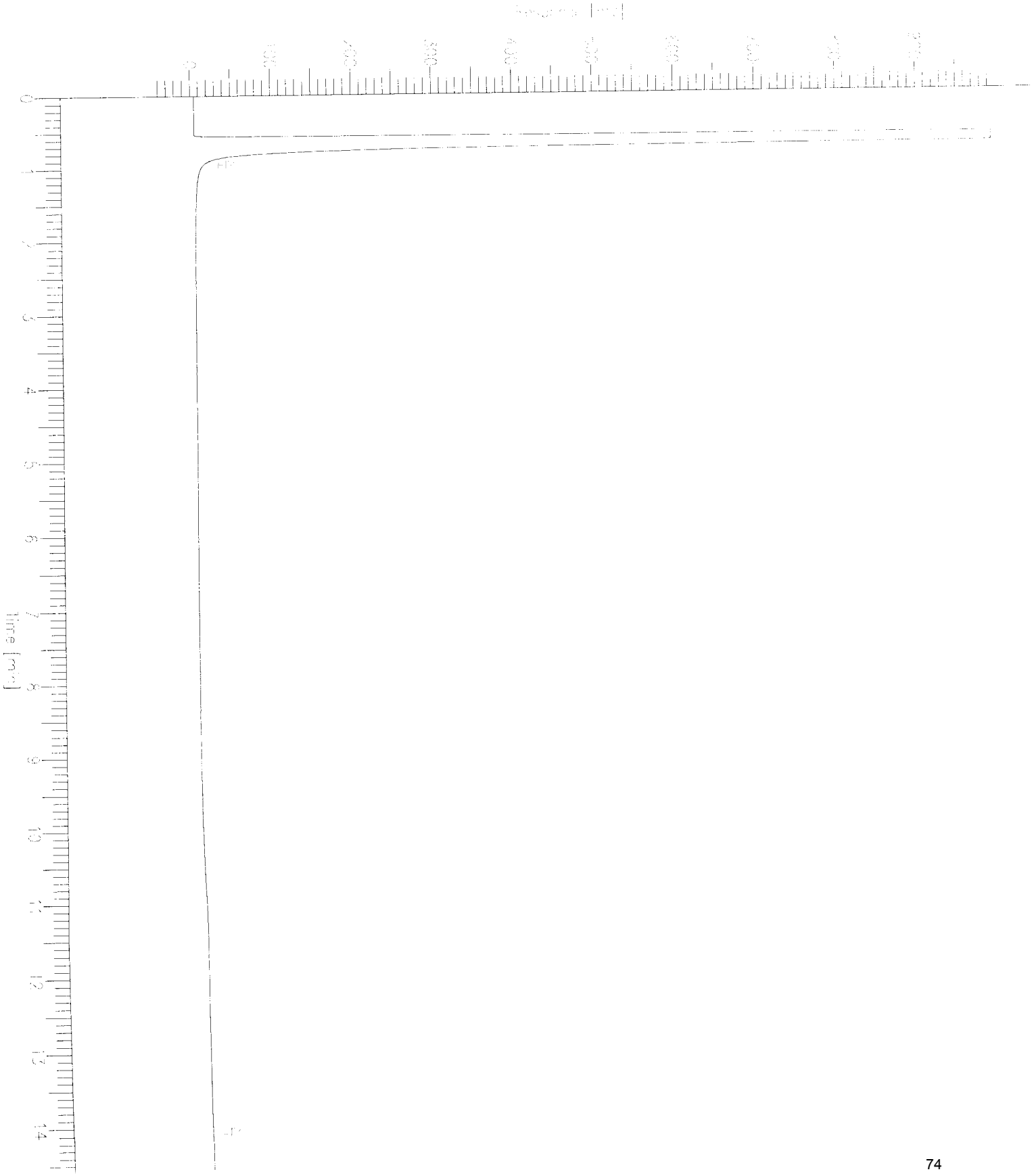
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
-	7.46	TPH (C8-C40)	0	0.0	0.0
0	15.50	O-Terphenyl	0	0.0	0.0
0	16.00	Nonatriacontane	0	0.0	0.0
			0	0.0	0.0

Report stored in ASCII file: H:\TC4\AUTOFID2\JUNE\3GEA034.TX0

Chromatogram

Sample Name : MECL2-BLK
FileName : H:\TC4\AUTOFID2\JUNE\3GEA034.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: -44 mV

Sample #: 34
Date : 7/11/07 8:36 AM
Time of Injection: 7/10/07 10:37 PM
Low Point : -44.49 mV High Point : 993.88 mV
Plot Scale: 1038.4 mV



Software Version: 4.1<1L22>
Sample Name : BA00956-CCV2
Sample Number: 35
Operator : PL

Time : 7/11/07 8:36 AM
Study : FLPRO W

Instrument : JSVGCFID2
AutoSampler : BUILT-IN
Rack/Vial : 0/35

Channel : A A/D mV Range : 1000

Interface Serial # : NONE Data Acquisition Time: 7/10/07 11:00 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : H:\TC4\AUTOFID2\JUNE\3GEA035.RAW
Result File : H:\TC4\AUTOFID2\JUNE\3GEA035.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from H:\TC4\AUTOFID2\JUNE\3GEA035.RST
Proc Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA035.RST
Calib Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA035.RST
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

==========
PRIMARY COLUMN (DETECTOR A):Rtx-5 30mx0.53x0.5 Flp Analysis Curve (flp3CM on 03-18-07)
50 ppb O-Terphenyl and 100 ppb c-39 (surr's) 1700 ppb LCS and 1700 ppb CVS
Injection volume = 1.0 ul
==========

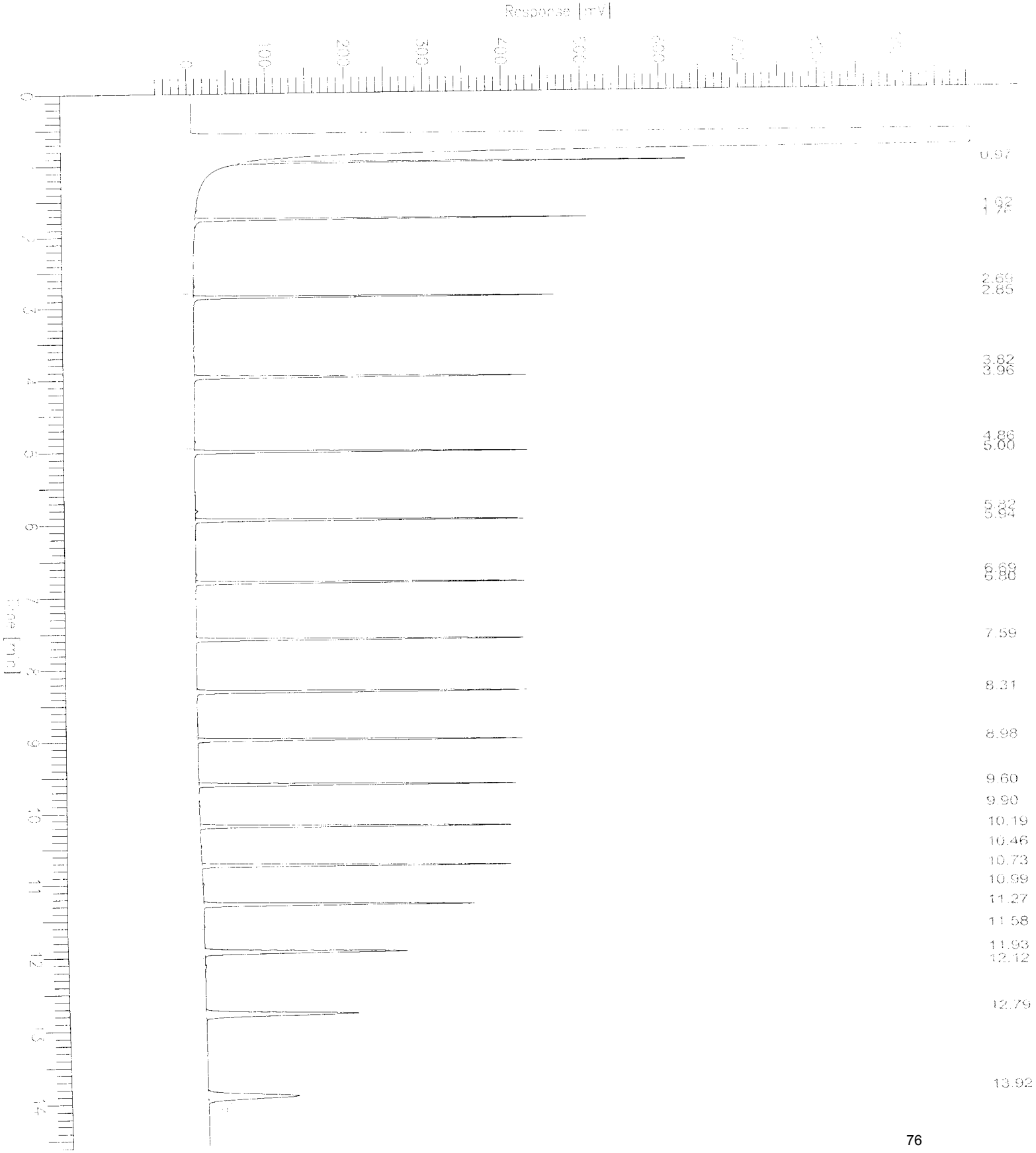
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
	7.46	TPH (C8-C40)	10698180	1851.0	1851.0
0	15.50	O-Terphenyl	0	0.0	0.0
0	16.00	Nonatriacontane	0	0.0	0.0
			10698180	1851.0	1851.0

Report stored in ASCII file: H:\TC4\AUTOFID2\JUNE\3GEA035.TX0

Chromatogram

Sample Name : BA00956-CCV2
FileName : H:\TC4\AUTOFID2\JUNE\3GEA035.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: -44 mV

Sample #: 35
Date : 7/11/07 8:36 AM
Time of Injection: 7/10/07 11:00 PM
Low Point : -44.49 mV High Point : 993.88 mV
Plot Scale: 1038.4 mV



Software Version: 4.1<1L22>
Sample Name : MECL2-BLK
Sample Number: 43
Operator : PL

Time : 7/11/07 8:37 AM
Study : FLPRO W

Instrument : JSVGCFID2
AutoSampler : BUILT-IN
Rack/Vial : 0/43

Channel : A A/D mV Range : 1000

Interface Serial # : NONE Data Acquisition Time: 7/11/07 2:01 AM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : H:\TC4\AUTOFID2\JUNE\3GEA043.RAW
Result File : H:\TC4\AUTOFID2\JUNE\3GEA043.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from H:\TC4\AUTOFID2\JUNE\3GEA043.RST
Proc Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA043.RST
Calib Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA043.RST
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

==========
PRIMARY COLUMN (DETECTOR A):Rtx-5 30mx0.53x0.5 Flp Analysis Curve (flp3CM on 03-18-07)
50 ppb O-Terphenyl and 100 ppb c-39 (surr's) 1700 ppb LCS and 1700 ppb CVS
Injection volume = 1.0 ul
==========

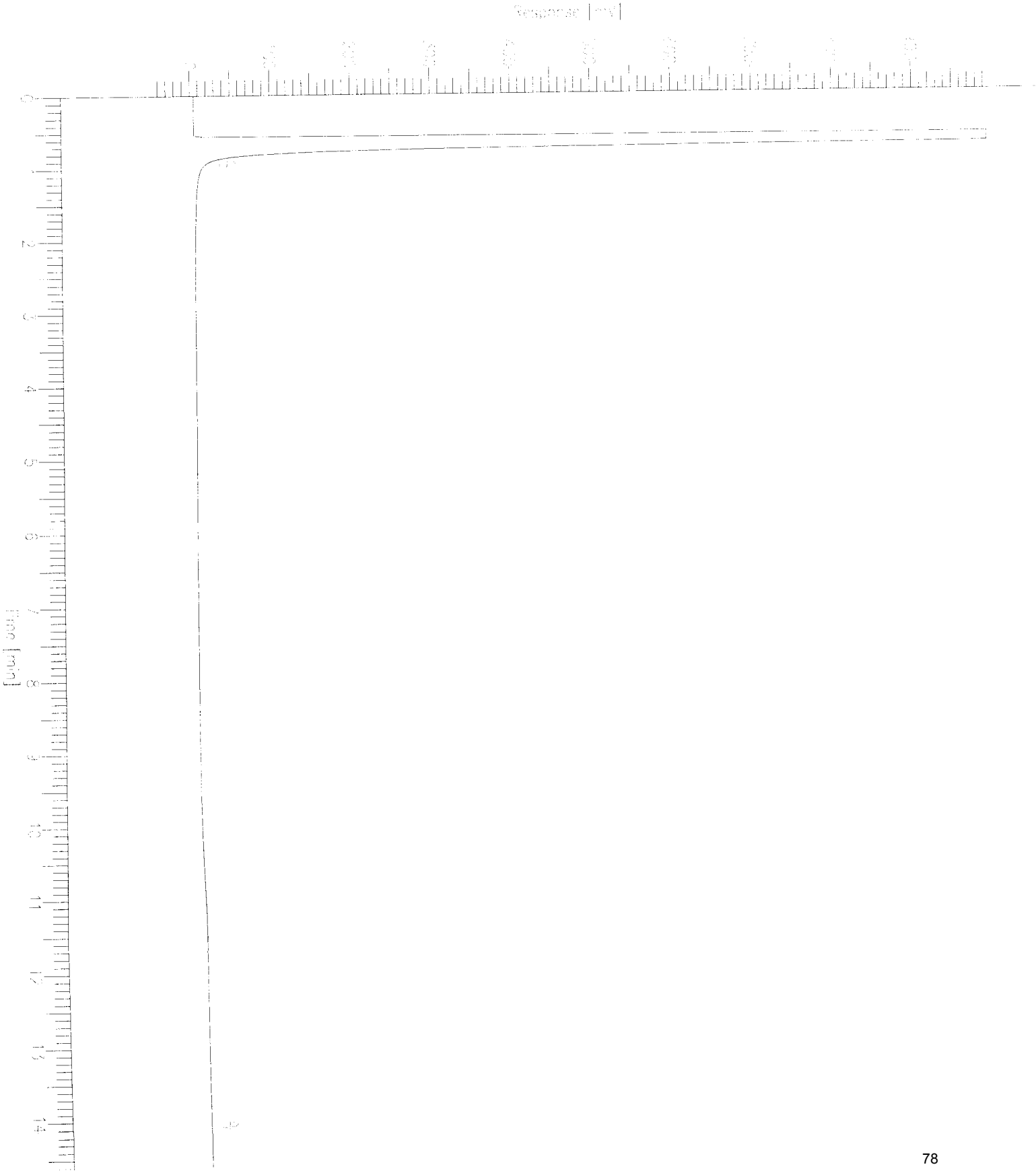
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
-	7.46	TPH (C8-C40)	0	0.0	0.0
0	15.50	O-Terphenyl	0	0.0	0.0
0	16.00	Nonatriacontane	0	0.0	0.0
			0	0.0	0.0

Report stored in ASCII file: H:\TC4\AUTOFID2\JUNE\3GEA043.TX0

Chromatogram

Sample Name : MECL2-BLK
FileName : H:\TC4\AUTOFID2\JUNE\3GEA043.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: -44 mV

Sample #: 43
Date : 7/11/07 8:37 AM
Time of Injection: 7/11/07 2:01 AM
Low Point : -44.49 mV High Point : 993.88 mV
Plot Scale: 1038.4 mV



Software Version: 4.1<1L22>
Sample Name : BA00956-CCV3
Sample Number: 44
Operator : PL

Time : 7/11/07 8:38 AM
Study : FLPRO W

Instrument : JSVGCFID2
AutoSampler : BUILT-IN
Rack/Vial : 0/44

Channel : A A/D mV Range : 1000

Interface Serial # : NONE Data Acquisition Time: 7/11/07 2:24 AM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : H:\TC4\AUTOFID2\JUNE\3GEA044.RAW
Result File : H:\TC4\AUTOFID2\JUNE\3GEA044.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from H:\TC4\AUTOFID2\JUNE\3GEA044.RST
Proc Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA044.RST
Calib Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA044.RST
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

==========
PRIMARY COLUMN (DETECTOR A):Rtx-5 30mx0.53x0.5 Flp Analysis Curve (flp3CM on 03-18-07)
50 ppb O-Terphenyl and 100 ppb c-39 (surr's) 1700 ppb LCS and 1700 ppb CVS
Injection volume = 1.0 ul
==========

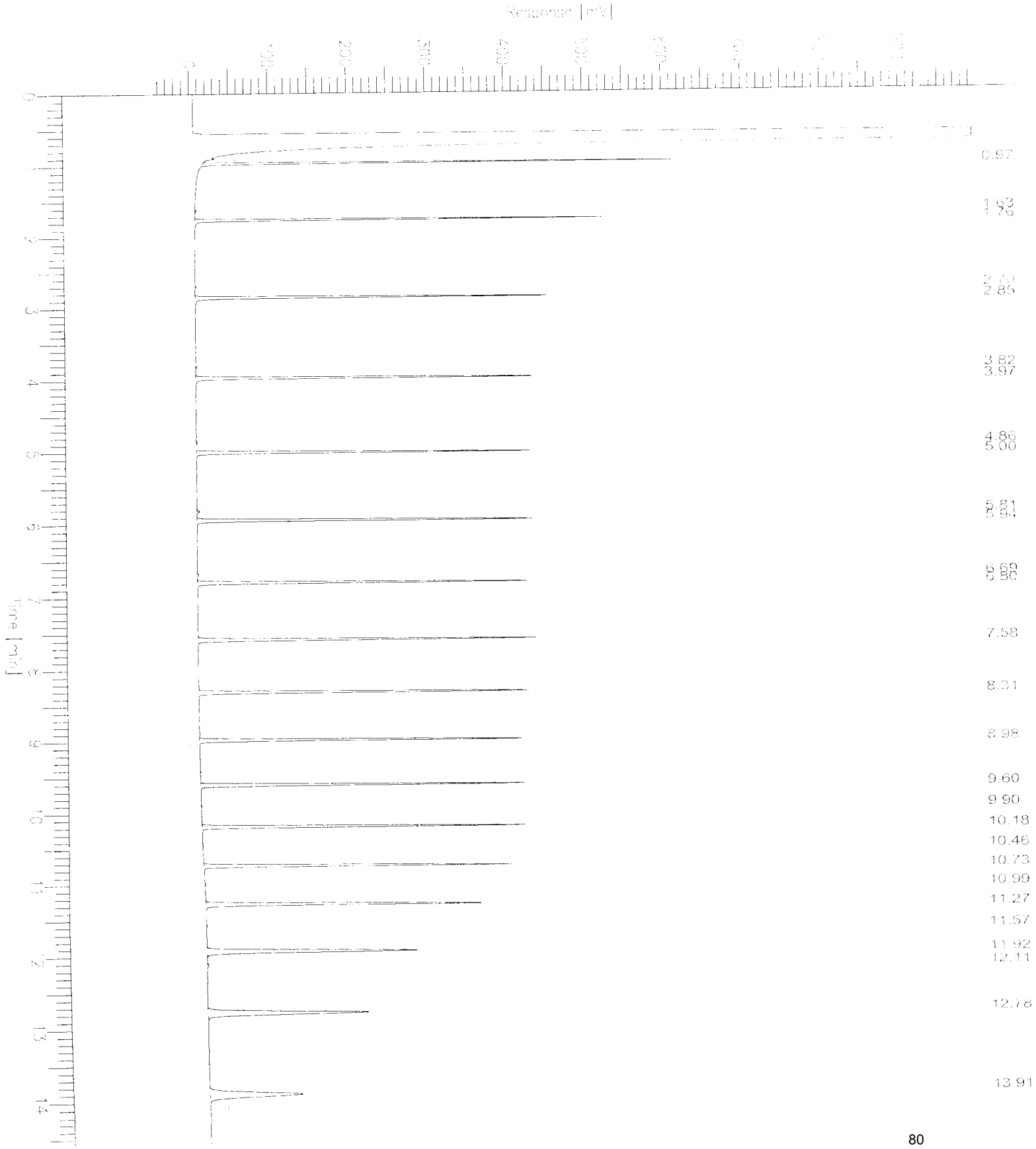
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
	7.46	TPH (C8-C40)	10901233	1886.1	1886.1
0	15.50	O-Terphenyl	0	0.0	0.0
0	16.00	Nonatriacontane	0	0.0	0.0
			10901233	1886.1	1886.1

Report stored in ASCII file: H:\TC4\AUTOFID2\JUNE\3GEA044.TX0

Chromatogram

Sample Name : BA00956-CCV3
FileName : H:\TC4\AUTOFID2\JUNE\3GEA044.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: -44 mV

Sample #: 44
Date : 7/11/07 8:38 AM
Time of Injection: 7/11/07 2:24 AM
Low Point : -44.50 mV High Point : 993.88 mV
Plot Scale: 1038.4 mV



Software Version: 4.1<1L22>
Sample Name : BA00956-CCV4
Sample Number: 7
Operator : PL

Time : 7/11/07 1:30 PM
Study : FLPRO S

Instrument : JSVGCFID2
AutoSampler : BUILT-IN
Rack/Vial : 0/7

Channel : A A/D mV Range : 1000

Interface Serial # : NONE Data Acquisition Time: 7/11/07 11:44 AM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : H:\TC4\AUTOFID2\JUNE\3GFA007.RAW
Result File : H:\TC4\AUTOFID2\JUNE\3GFA007.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from H:\TC4\AUTOFID2\JUNE\3GFA007.RST
Proc Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GFA007.RST
Calib Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GFA007.RST
Sequence File : C:\TC4\SEQUEN~1\3GF.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

==========
PRIMARY COLUMN (DETECTOR A):Rtx-5 30mx0.53x0.5 Flp Analysis Curve (flp3CM on 03-18-07)
50 ppb O-Terphenyl and 100 ppb c-39 (surr's) 1700 ppb LCS and 1700 ppb CVS
Injection volume = 1.0 ul
==========

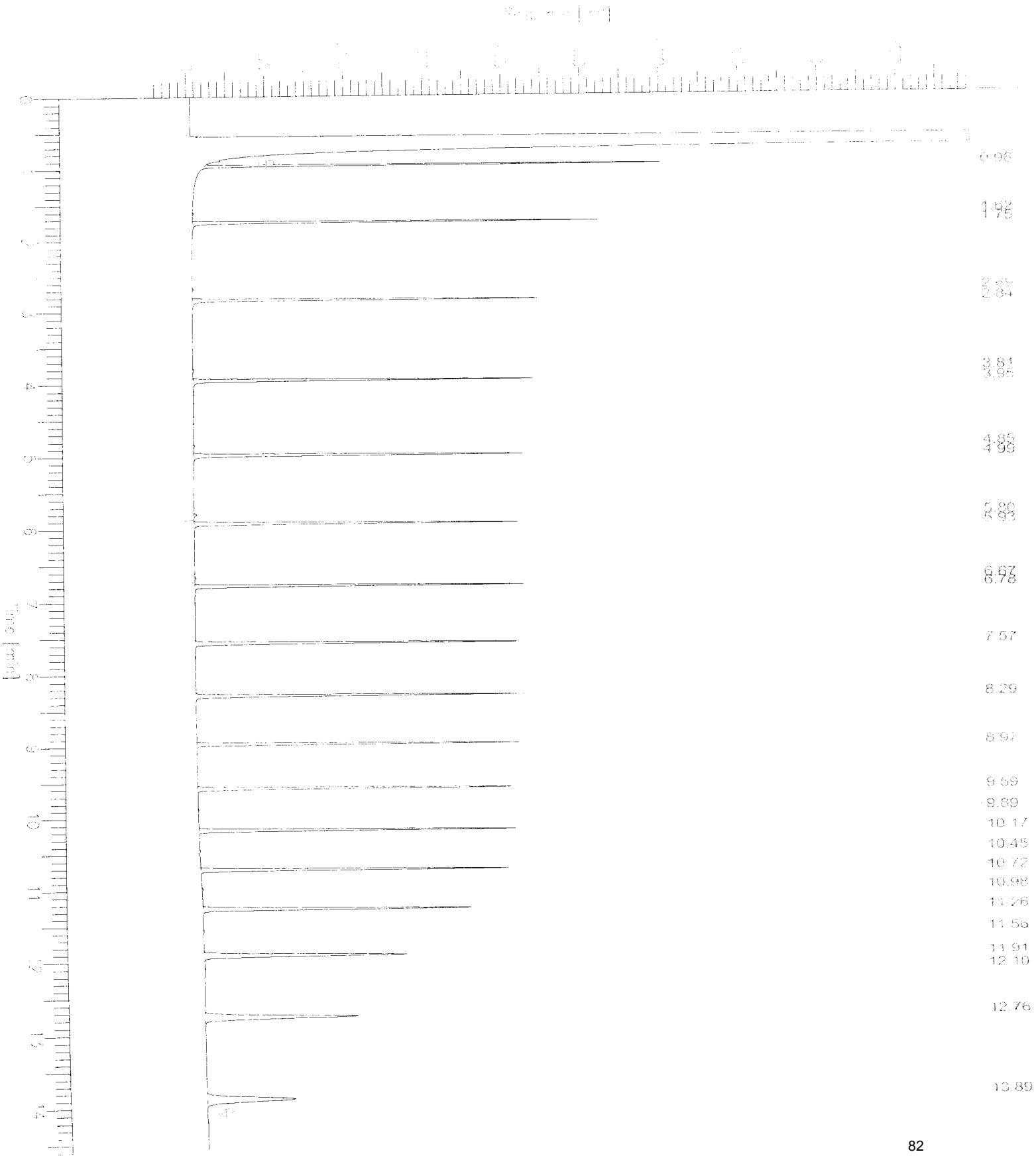
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
	7.46	TPH (C8-C40)	10658179	1844.1	1844.1
0	15.50	O-Terphenyl	0	0.0	0.0
0	16.00	Nonatriacontane	0	0.0	0.0
			10658179	1844.1	1844.1

Report stored in ASCII file: H:\TC4\AUTOFID2\JUNE\3GFA007.TX0

Chromatogram

Sample Name : BA00956-CCV4
FileName : H:\TC4\AUTOFID2\JUNE\3GFA007.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: -44 mV

Sample #: 7
Date : 7/11/07 1:30 PM
Time of Injection: 7/11/07 11:44 AM
Low Point : -44.49 mV High Point : 993.88 mV
Plot Scale: 1038.4 mV



Software Version: 4.1<1L22>
Sample Name : BA00956-CCV5
Sample Number: 9
Operator : PL

Time : 7/11/07 1:31 PM
Study : FLPRO S

Instrument : JSVGCFID2
AutoSampler : BUILT-IN
Rack/Vial : 0/9

Channel : A A/D mV Range : 1000

Interface Serial # : NONE Data Acquisition Time: 7/11/07 12:29 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : H:\TC4\AUTOFID2\JUNE\3GFA009.RAW
Result File : H:\TC4\AUTOFID2\JUNE\3GFA009.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from H:\TC4\AUTOFID2\JUNE\3GFA009.RST
Proc Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GFA009.RST
Calib Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GFA009.RST
Sequence File : C:\TC4\SEQUEN~1\3GF.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

==========
PRIMARY COLUMN (DETECTOR A):Rtx-5 30mx0.53x0.5 Flp Analysis Curve (flp3CM on 03-18-07)
50 ppb O-Terphenyl and 100 ppb c-39 (surr's) 1700 ppb LCS and 1700 ppb CVS
Injection volume = 1.0 ul
==========

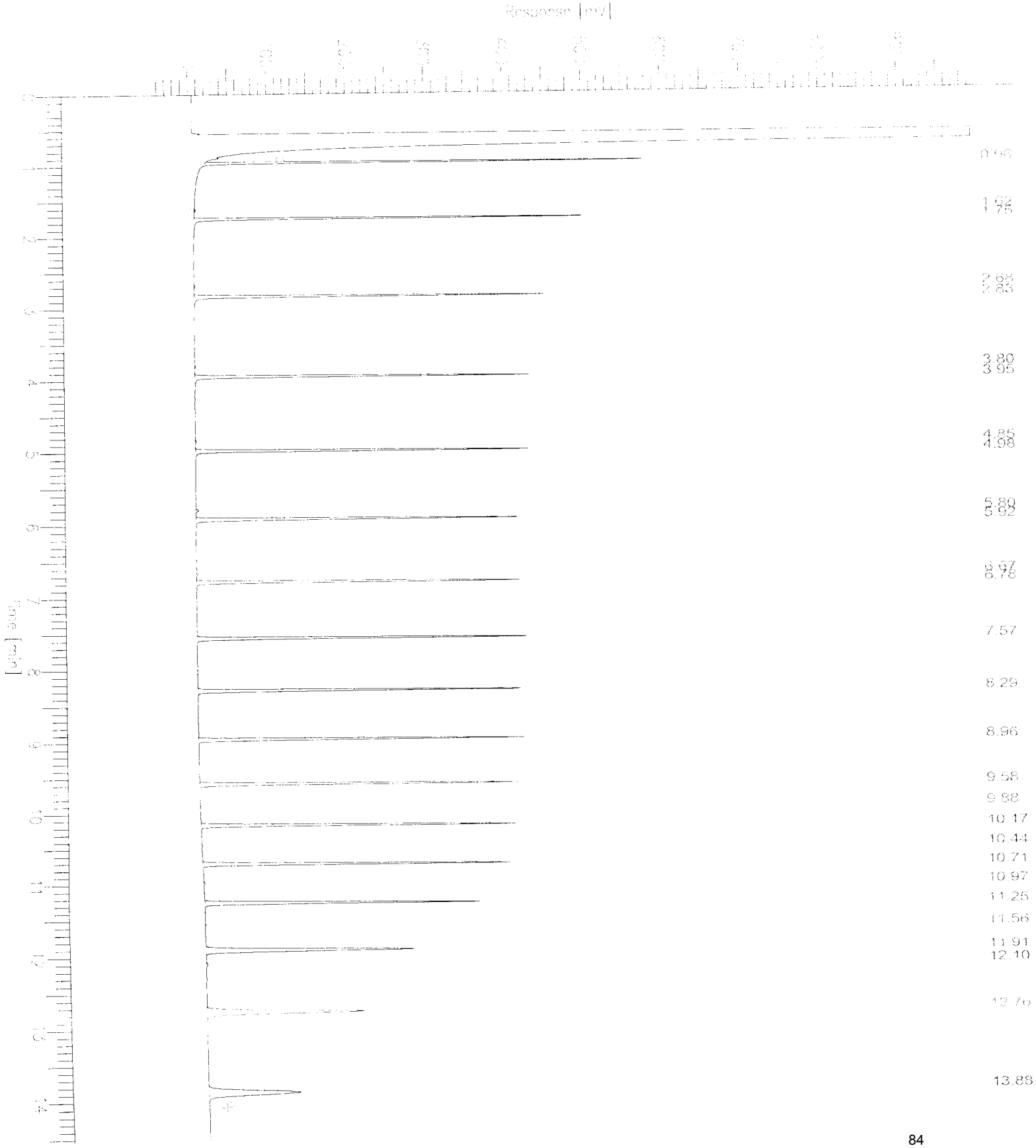
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
	7.46	TPH (C8-C40)	10764948	1862.5	1862.5
0	15.50	O-Terphenyl	0	0.0	0.0
0	16.00	Nonatriacontane	0	0.0	0.0
			10764948	1862.5	1862.5

Report stored in ASCII file: H:\TC4\AUTOFID2\JUNE\3GFA009.TX0

Chromatogram

Sample Name : BA00956-CCV5
FileName : H:\TC4\AUTOFID2\JUNE\3GFA009.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: -45 mV

Sample #: 9
Date : 7/11/07 1:31 PM
Time of Injection: 7/11/07 12:29 PM
Low Point : -44.53 mV High Point : 993.88 mV
Plot Scale: 1038.4 mV



FLPRO QC Data

Software Version: 4.1<1L22>
Sample Name : 7G09001-BLK1 Time : 7/11/07 09:27 AM
Sample Number: 24 Study : FLPRO W
Operator : PL

Instrument : JSVGCFID2 Channel : A A/D mV Range : 1000
AutoSampler : BUILT-IN
Rack/Vial : 0/24

Interface Serial # : NONE Data Acquisition Time: 7/10/07 06:49 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : C:\TC4\AUTOFID2\JUNE\3GEA024.RAW
Result File : C:\WINDOWS\TEMP\~RST0F0A.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from C:\WINDOWS\TEMP\~RST0F0A.RST
Proc Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Calib Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A): Rtx-5 30mx0.53x0.50
Flp Surr Analysis Curve (flsur3CM on 03-18-07)
50 ppb O-Terphenyl / 100 ppb c-39, Injection volume = 1.0 ul

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
1	6.446	O-Terphenyl (surr)	703064.16	98.2480	98.2480
2	13.297	Nonatriacontane (sur	311012.78	73.9460	73.9460
			1014076.93	172.1940	172.1940

Report stored in ASCII file: C:\WINDOWS\TEMP\~RST0F0A.TX0

Software Version: 4.1<1L22>
Sample Name : 7G09001-BLK1 Time : 7/11/07 9:44 AM
Sample Number: 24 Study : FLPRO W
Operator : PL

Instrument : JSVGCFID2 Channel : A A/D mV Range : 1000
AutoSampler : BUILT-IN
Rack/Vial : 0/24

Interface Serial # : NONE Data Acquisition Time: 7/10/07 6:49 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : H:\TC4\AUTOFID2\JUNE\3GEA024.RAW
Result File : H:\TC4\AUTOFID2\JUNE\3GEA024.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from H:\TC4\AUTOFID2\JUNE\3GEA024.RST
Proc Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA024.RST
Calib Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA024.RST
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

==========
PRIMARY COLUMN (DETECTOR A):Rtx-5 30mx0.53x0.5 Flp Analysis Curve (flp3CM on 03-18-07)
50 ppb O-Terphenyl and 100 ppb c-39 (surr's) 1700 ppb LCS and 1700 ppb CVS
Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
	7.46	TPH (C8-C40)	1017074	176.0	176.0
0	15.50	O-Terphenyl	0	0.0	0.0
0	16.00	Nonatriacontane	0	0.0	0.0
			1017074	176.0	176.0

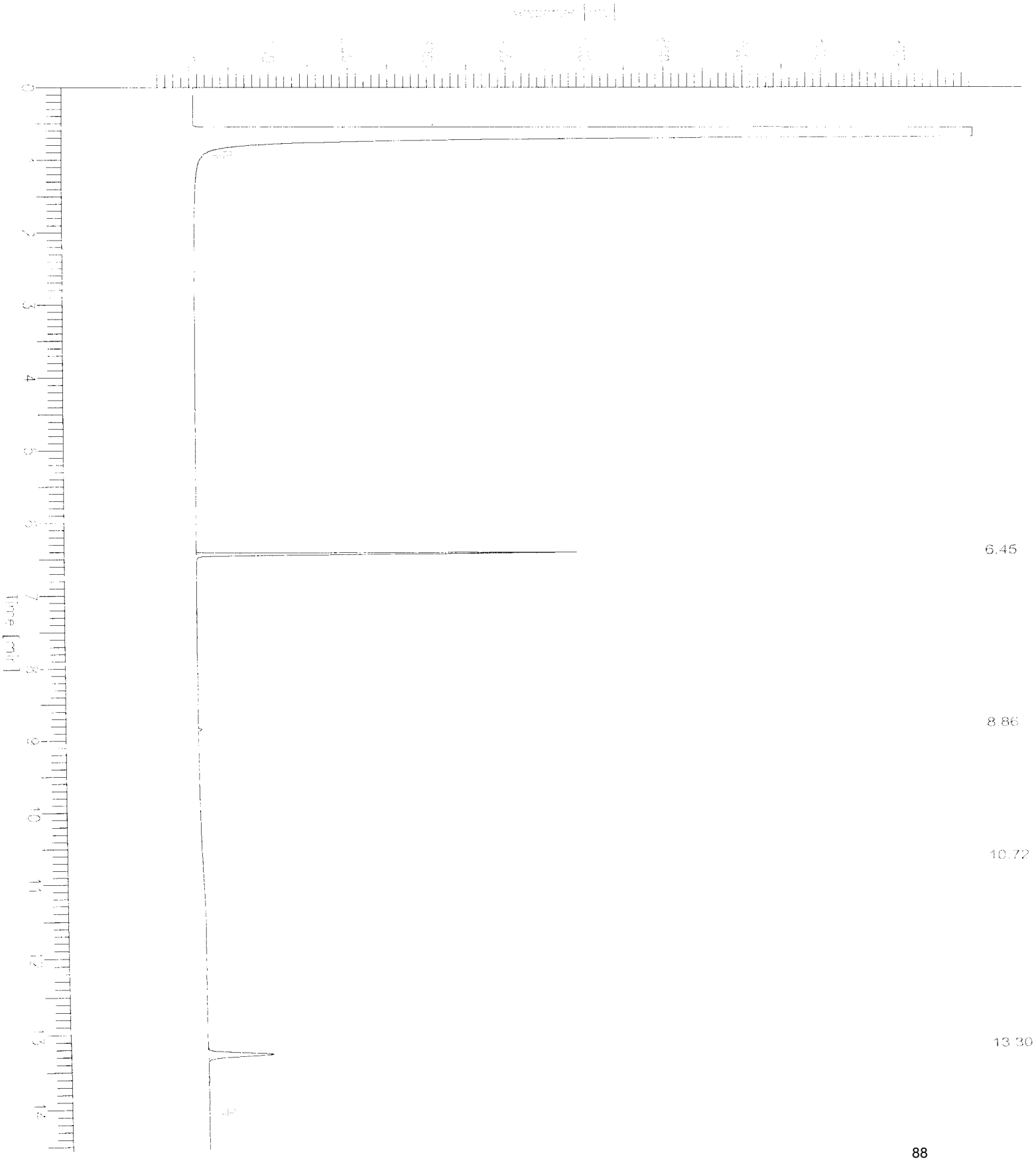
= 0.579

Report stored in ASCII file: H:\TC4\AUTOFID2\JUNE\3GEA024.TX0

Chromatogram

Sample Name : 7G09001-BLK1
FileName : H:\TC4\AUTOFID2\JUNE\3GEA024.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: -45 mV

Sample #: 24
Date : 7/11/07 9:44 AM
Time of Injection: 7/10/07 6:49 PM
Low Point : -44.52 mV High Point : 993.88 mV
Plot Scale: 1038.4 mV



Software Version: 4.1<1L22>
Sample Name : 7G09001-BS1 Time : 7/11/07 09:28 AM
Sample Number: 25 Study : FLPRO W
Operator : PL

Instrument : JSVGCFID2 Channel : A A/D mV Range : 1000
AutoSampler : BUILT-IN
Rack/Vial : 0/25

Interface Serial # : NONE Data Acquisition Time: 7/10/07 07:12 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : C:\TC4\AUTOFID2\JUNE\3GEA025.RAW
Result File : C:\WINDOWS\TEMP\~RST0F0A.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from C:\WINDOWS\TEMP\~RST0F0A.RST
Proc Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Calib Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A): Rtx-5 30mx0.53x0.50
Flp Surr Analysis Curve (flsur3CM on 03-18-07)
50 ppb O-Terphenyl / 100 ppb c-39, Injection volume = 1.0 ul

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
1	6.450	O-Terphenyl (surr)	722077.05	100.9049	100.9049
2	13.305	Nonatriacontane (sur	273953.19	65.1348	65.1348
			996030.24	166.0397	166.0397

Report stored in ASCII file: C:\WINDOWS\TEMP\~RST0F0A.TX0

Software Version: 4.1<1L22>
Sample Name : 7G09001-BS1 Time : 7/11/07 9:44 AM
Sample Number: 25 Study : FLPRO W
Operator : PL

Instrument : JSVGCFID2 Channel : A A/D mV Range : 1000
AutoSampler : BUILT-IN
Rack/Vial : 0/25

Interface Serial # : NONE Data Acquisition Time: 7/10/07 7:12 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : H:\TC4\AUTOFID2\JUNE\3GEA025.RAW
Result File : H:\TC4\AUTOFID2\JUNE\3GEA025.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from H:\TC4\AUTOFID2\JUNE\3GEA025.RST
Proc Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA025.RST
Calib Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA025.RST
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

==========
PRIMARY COLUMN (DETECTOR A):Rtx-5 30mx0.53x0.5 Flp Analysis Curve (flp3CM on 03-18-07)
50 ppb O-Terphenyl and 100 ppb c-39 (surr's) 1700 ppb LCS and 1700 ppb CVS
Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
	7.46	TPH (C8-C40)	11201261	1938.0	1938.0
0	15.50	O Terphenyl	0	0.0	0.0
0	16.00	Nonatriacontane	0	0.0	0.0
			11201261	1938.0	1938.0

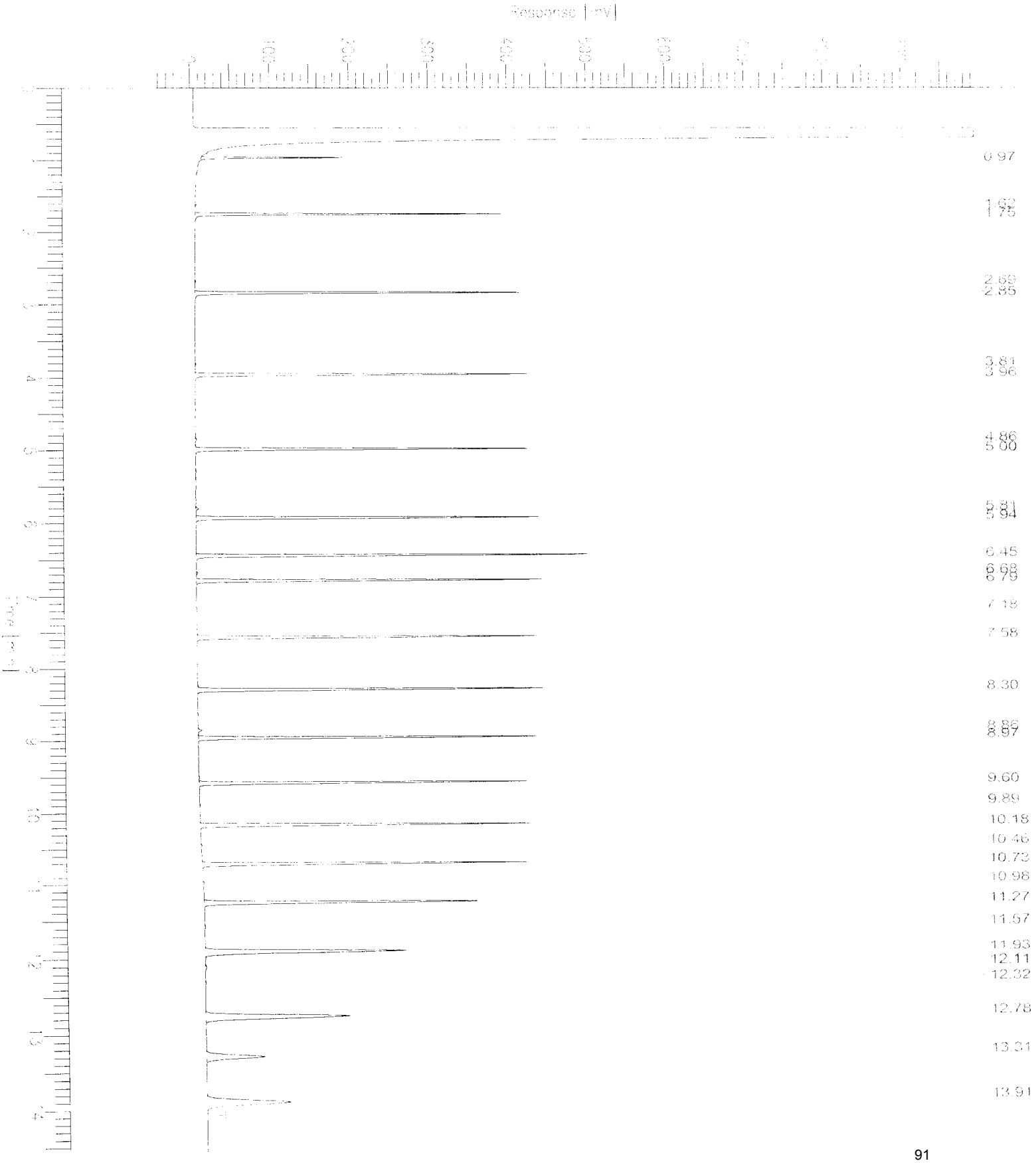
= 1765.67

Report stored in ASCII file: H:\TC4\AUTOFID2\JUNE\3GEA025.TX0

Chromatogram

Sample Name : 7G09001 BS1
FileName : H:\TC4\AUTOFID2\JUNE\3GEA025.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: -45 mV

Sample #: 25
Date : 7/11/07 9:44 AM
Time of Injection: 7/10/07 7:12 PM
Low Point : -44.51 mV High Point : 993.88 mV
Plot Scale: 1038.4 mV



Software Version: 4.1<1L22>
Sample Name : 7G09001-MS1
Sample Number: 26
Operator : PL

Time : 7/11/07 09:28 AM
Study : FLPRO W

Instrument : JSVGCFID2
AutoSampler : BUILT-IN
Rack/Vial : 0/26

Channel : A A/D mV Range : 1000

Interface Serial # : NONE Data Acquisition Time: 7/10/07 07:35 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : C:\TC4\AUTOFID2\JUNE\3GEA026.RAW
Result File : C:\WINDOWS\TEMP\~RST0F0A.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from C:\WINDOWS\TEMP\~RST0F0A.RST
Proc Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Calib Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A): Rtx-5 30mx0.53x0.50
Flp Surr Analysis Curve (flsur3CM on 03-18-07)
50 ppb O-Terphenyl / 100 ppb c-39, Injection volume = 1.0 ul

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
1	6.449	O-Terphenyl (surr)	637606.20	89.1007	89.1007
2	13.304	Nonatriacontane (sur	272034.11	64.6785	64.6785
			909640.31	153.7792	153.7792

Report stored in ASCII file: C:\WINDOWS\TEMP\~RST0F0A.TX0

Software Version: 4.1<1L22>
Sample Name : 7G09001-MS1
Sample Number: 26
Operator : PL

Time : 7/11/07 9:45 AM
Study : FLPRO W

Instrument : JSVGCFID2
AutoSampler : BUILT-IN
Rack/Vial : 0/26

Channel : A A/D mV Range : 1000

Interface Serial # : NONE Data Acquisition Time: 7/10/07 7:35 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : H:\TC4\AUTOFID2\JUNE\3GEA026.RAW
Result File : H:\TC4\AUTOFID2\JUNE\3GEA026.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from H:\TC4\AUTOFID2\JUNE\3GEA026.RST
Proc Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA026.RST
Calib Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA026.RST
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

==========
PRIMARY COLUMN (DETECTOR A):Rtx-5 30mx0.53x0.5 Flp Analysis Curve (flp3CM on 03-18-07)
50 ppb O-Terphenyl and 100 ppb c-39 (surr's) 1700 ppb LCS and 1700 ppb CVS
Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
	7.46	TPH (C8-C40)	13567815	2347.5	2347.5
0	15.50	O-Terphenyl	0	0.0	0.0
0	16.00	Nonatriacontane	0	0.0	0.0
			13567815	2347.5	2347.5

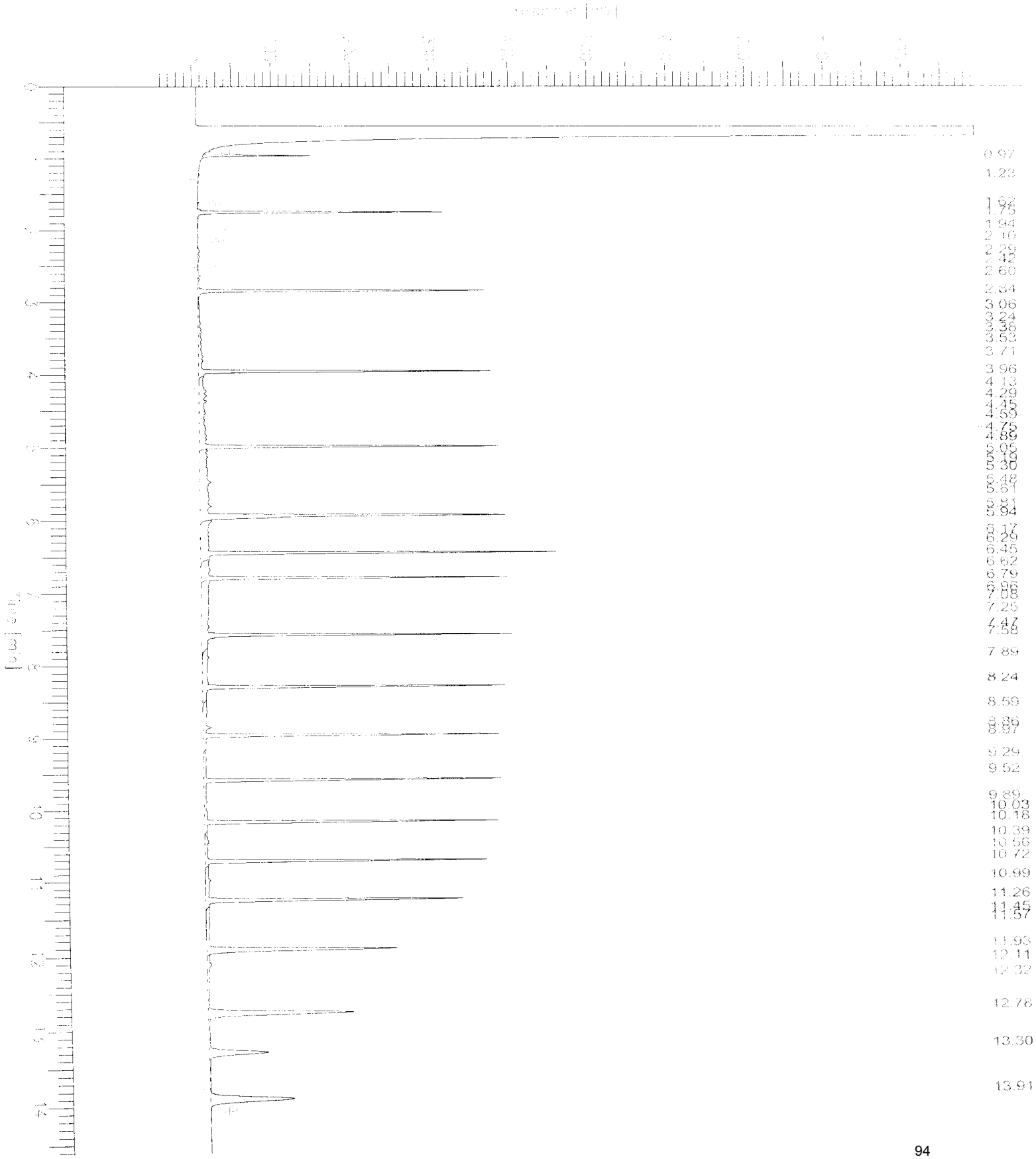
= 2190.58

Report stored in ASCII file: H:\TC4\AUTOFID2\JUNE\3GEA026.TX0

Chromatogram

Sample Name : 7G09001-MS1
FileName : H:\TC4\AUTOFID2\JUNE\3GEA026.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: 45 mV

Sample #: 26
Date : 7/11/07 9:45 AM
Time of Injection: 7/10/07 7:35 PM
Low Point : -44.51 mV High Point : 993.88 mV
Plot Scale: 1038.4 mV



Software Version: 4.1<1L22>
Sample Name : 7G09001-MSD1
Sample Number: 27
Operator : PL

Time : 7/11/07 09:28 AM
Study : FLPRO W

Instrument : JSVGCFID2
AutoSampler : BUILT-IN
Rack/Vial : 0/27

Channel : A A/D mV Range : 1000

Interface Serial # : NONE Data Acquisition Time: 7/10/07 07:58 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : C:\TC4\AUTOFID2\JUNE\3GEA027.RAW
Result File : C:\WINDOWS\TEMP\~RST0F0A.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from C:\WINDOWS\TEMP\~RST0F0A.RST
Proc Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Calib Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A): Rtx-5 30mx0.53x0.50
Flp Surr Analysis Curve (flsur3CM on 03-18-07)
50 ppb O-Terphenyl / 100 ppb c-39, Injection volume = 1.0 ul

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
1	6.448	O-Terphenyl (surr)	774132.07	108.1792	108.1792
2	13.302	Nonatriacontane (sur	319412.30	75.9431	75.9431
			1093544.38	184.1223	184.1223

Report stored in ASCII file: C:\WINDOWS\TEMP\~RST0F0A.TX0

Software Version: 4.1<1L22>
Sample Name : 7G09001-MSD1
Sample Number: 27
Operator : PL

Time : 7/11/07 9:46 AM
Study : FLPRO W

Instrument : JSVGCFID2
AutoSampler : BUILT-IN
Rack/Vial : 0/27

Channel : A A/D mV Range : 1000

Interface Serial # : NONE Data Acquisition Time: 7/10/07 7:58 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : H:\TC4\AUTOFID2\JUNE\3GEA027.RAW
Result File : H:\TC4\AUTOFID2\JUNE\3GEA027.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from H:\TC4\AUTOFID2\JUNE\3GEA027.RST
Proc Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA027.RST
Calib Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA027.RST
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

==========
PRIMARY COLUMN (DETECTOR A):Rtx-5 30mx0.53x0.5 Flp Analysis Curve (flp3CM on 03-18-07)
50 ppb O-Terphenyl and 100 ppb c-39 (surr's) 1700 ppb LCS and 1700 ppb CVS
Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
	7.46	TPH (C8-C40)	17314778	2995.8	2995.8
0	15.50	O-Terphenyl	0	0.0	0.0
0	16.00	Nonatriacontane	0	0.0	0.0
			17314778	2995.8	2995.8

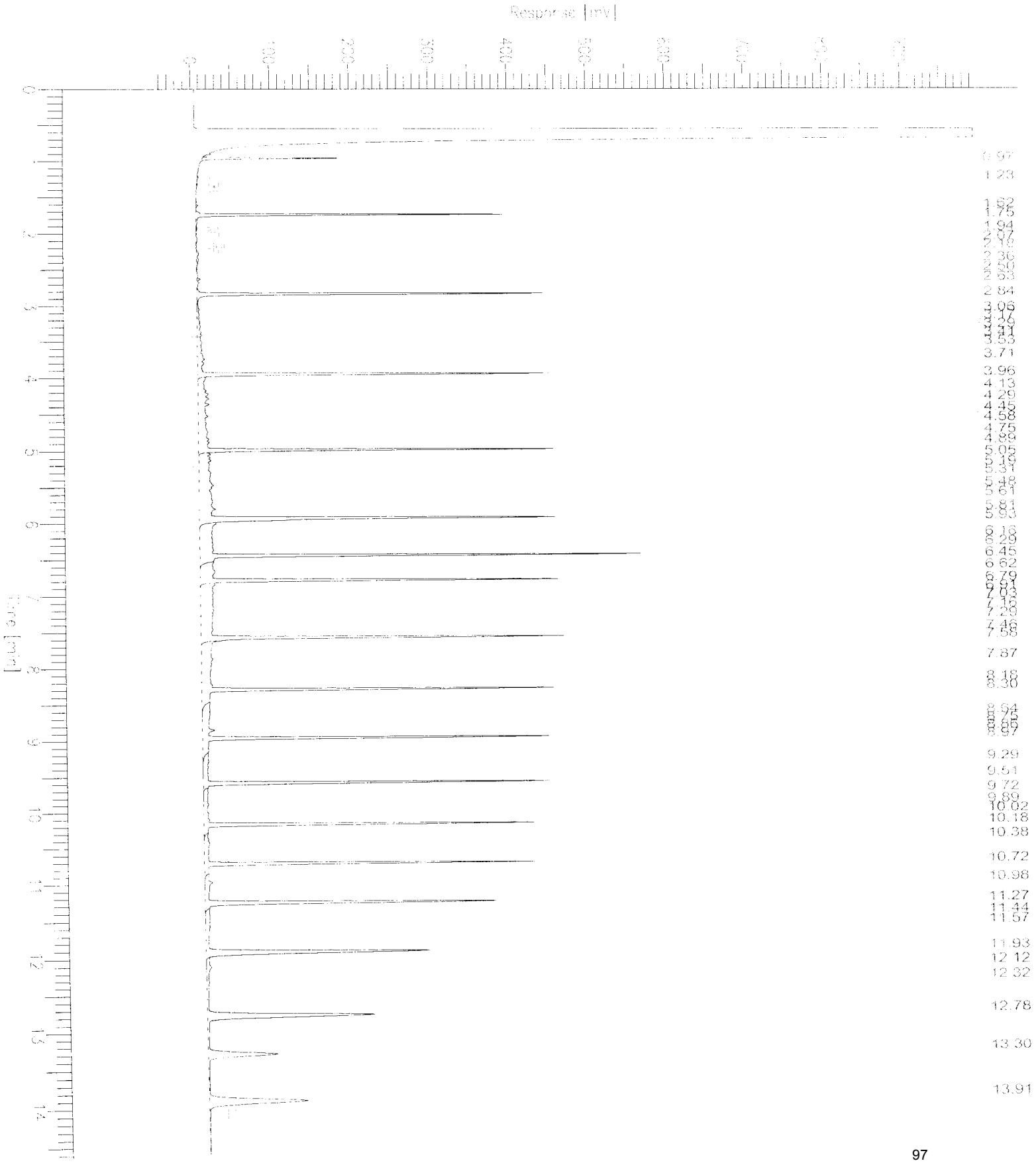
= 2806.78

Report stored in ASCII file: H:\TC4\AUTOFID2\JUNE\3GEA027.TX0

Chromatogram

Sample Name : 7G09001-MSD1
FileName : H:\TC4\AUTOFID2\JUNE\3GEA027.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: -44 mV

Sample #: 27 Page 1 of 1
Date : 7/11/07 9:46 AM
Time of Injection: 7/10/07 7:58 PM
Low Point : -44.50 mV High Point : 993.88 mV
Plot Scale: 1038.4 mV



FLPRO Raw Data

Software Version: 4.1<1L22>
Sample Name : B705885-01 Time : 7/11/07 09:28 AM
Sample Number: 29 Study : FLPRO W
Operator : PL

Instrument : JSVGCFID2 Channel : A A/D mV Range : 1000
AutoSampler : BUILT-IN
Rack/Vial : 0/29

Interface Serial # : NONE Data Acquisition Time: 7/10/07 08:43 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : C:\TC4\AUTOFID2\JUNE\3GEA029.RAW
Result File : C:\WINDOWS\TEMP\~RST0F0A.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from C:\WINDOWS\TEMP\~RST0F0A.RST
Proc Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Calib Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A): Rtx-5 30mx0.53x0.50
Flp Surr Analysis Curve (flsur3CM on 03-18-07)
50 ppb O-Terphenyl / 100 ppb c-39, Injection volume = 1.0 ul

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
1	6.445	O-Terphenyl (surr)	722603.80	100.9785	100.9785
3	13.300	Nonatriacontane (sur	309788.18	73.6549	73.6549
			1032391.98	174.6334	174.6334

Report stored in ASCII file: C:\WINDOWS\TEMP\~RST0F0A.TX0

Software Version: 4.1<1L22>
Sample Name : B705885-01 Time : 7/11/07 9:48 AM
Sample Number: 29 Study : FLPRO W
Operator : PL

Instrument : JSVGCFID2 Channel : A A/D mV Range : 1000
AutoSampler : BUILT-IN
Rack/Vial : 0/29

Interface Serial # : NONE Data Acquisition Time: 7/10/07 8:43 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : H:\TC4\AUTOFID2\JUNE\3GEA029.RAW
Result File : H:\TC4\AUTOFID2\JUNE\3GEA029.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from H:\TC4\AUTOFID2\JUNE\3GEA029.RST
Proc Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA029.RST
Calib Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA029.RST
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

==========
PRIMARY COLUMN (DETECTOR A):Rtx-5 30mx0.53x0.5 Flp Analysis Curve (flp3CM on 03-18-07)
50 ppb O-Terphenyl and 100 ppb c-39 (surr's) 1700 ppb LCS and 1700 ppb CVS
Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
	7.46	TPH (C8-C40)	6431803	1112.8	1112.8
0	15.50	O-Terphenyl	0	0.0	0.0
0	16.00	Nonatriacontane	0	0.0	0.0
			6431803	1112.8	1112.8

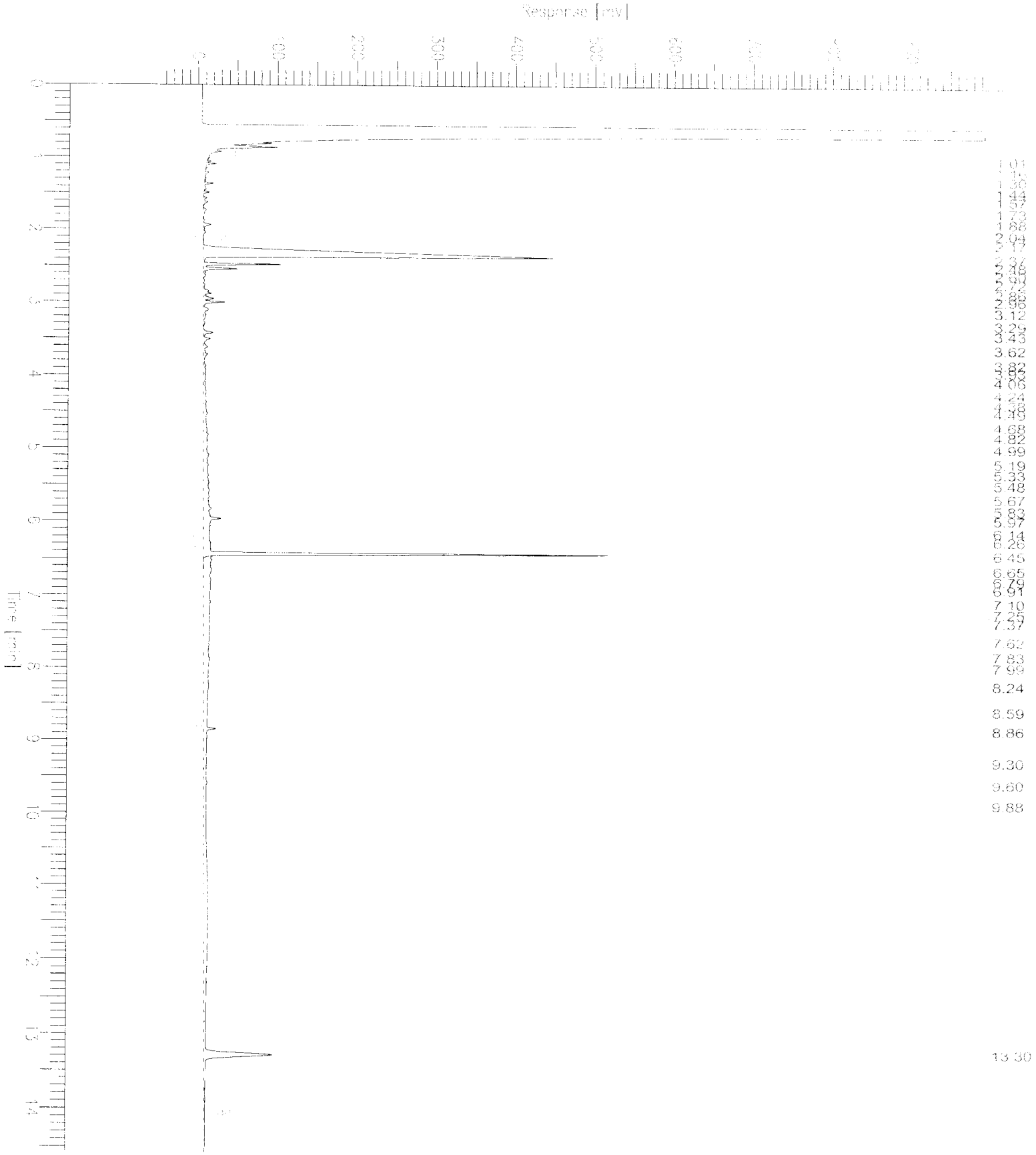
= 934.35

Report stored in ASCII file: H:\TC4\AUTOFID2\JUNE\3GEA029.TX0

Chromatogram

Sample Name : B705885-01
FileName : H:\TC4\AUTOFID2\JUNE\3GEA029.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: -45 mV

Sample #: 29 Page 1 of 1
Date : 7/11/07 9:48 AM
Time of Injection: 7/10/07 8:43 PM
Low Point : 44.51 mV High Point : 993.88 mV
Plot Scale: 1038.4 mV



Software Version: 4.1<1L22>
Sample Name : B705885-02 Time : 7/11/07 09:28 AM
Sample Number: 30 Study : FLPRO W
Operator : PL

Instrument : JSVGCFID2 Channel : A A/D mV Range : 1000
AutoSampler : BUILT-IN
Rack/Vial : 0/30

Interface Serial # : NONE Data Acquisition Time: 7/10/07 09:05 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : C:\TC4\AUTOFID2\JUNE\3GEA030.RAW
Result File : C:\WINDOWS\TEMP\~RST0F0A.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from C:\WINDOWS\TEMP\~RST0F0A.RST
Proc Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Calib Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

RR @ d5 - off scale

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A): Rtx-5 30mx0.53x0.50
Flp Surr Analysis Curve (flsur3CM on 03-18-07)
50 ppb O-Terphenyl / 100 ppb c-39, Injection volume = 1.0 ul

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
1	6.451	O-Terphenyl (surr)	606826.97	84.7995	84.7995
2	13.307	Nonatriacontane (sur	281728.31	66.9834	66.9834
			888555.28	151.7829	151.7829

Report stored in ASCII file: C:\WINDOWS\TEMP\~RST0F0A.TX0

Software Version: 4.1<1L22>
Sample Name : B705885-02 Time : 7/11/07 9:50 AM
Sample Number: 30 Study : FLPRO W
Operator : PL

Instrument : JSVGCFID2 Channel : A A/D mV Range : 1000
AutoSampler : BUILT-IN
Rack/Vial : 0/30

Interface Serial # : NONE Data Acquisition Time: 7/10/07 9:05 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : H:\TC4\AUTOFID2\JUNE\3GEA030.RAW
Result File : H:\TC4\AUTOFID2\JUNE\3GEA030.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from H:\TC4\AUTOFID2\JUNE\3GEA030.RST
Proc Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA030.RST
Calib Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA030.RST
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

RR @ d5 - off scale

==========
PRIMARY COLUMN (DETECTOR A):Rtx-5 30mx0.53x0.5 Flp Analysis Curve (flp3CM on 03-18-07)
50 ppb O-Terphenyl and 100 ppb c-39 (surr's) 1700 ppb LCS and 1700 ppb CVS
Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
	7.46	TPH (C8-C40)	2940734	508.8	508.8
0	15.50	O-Terphenyl	0	0.0	0.0
0	16.00	Nonatriacontane	0	0.0	0.0
			2940734	508.8	508.8

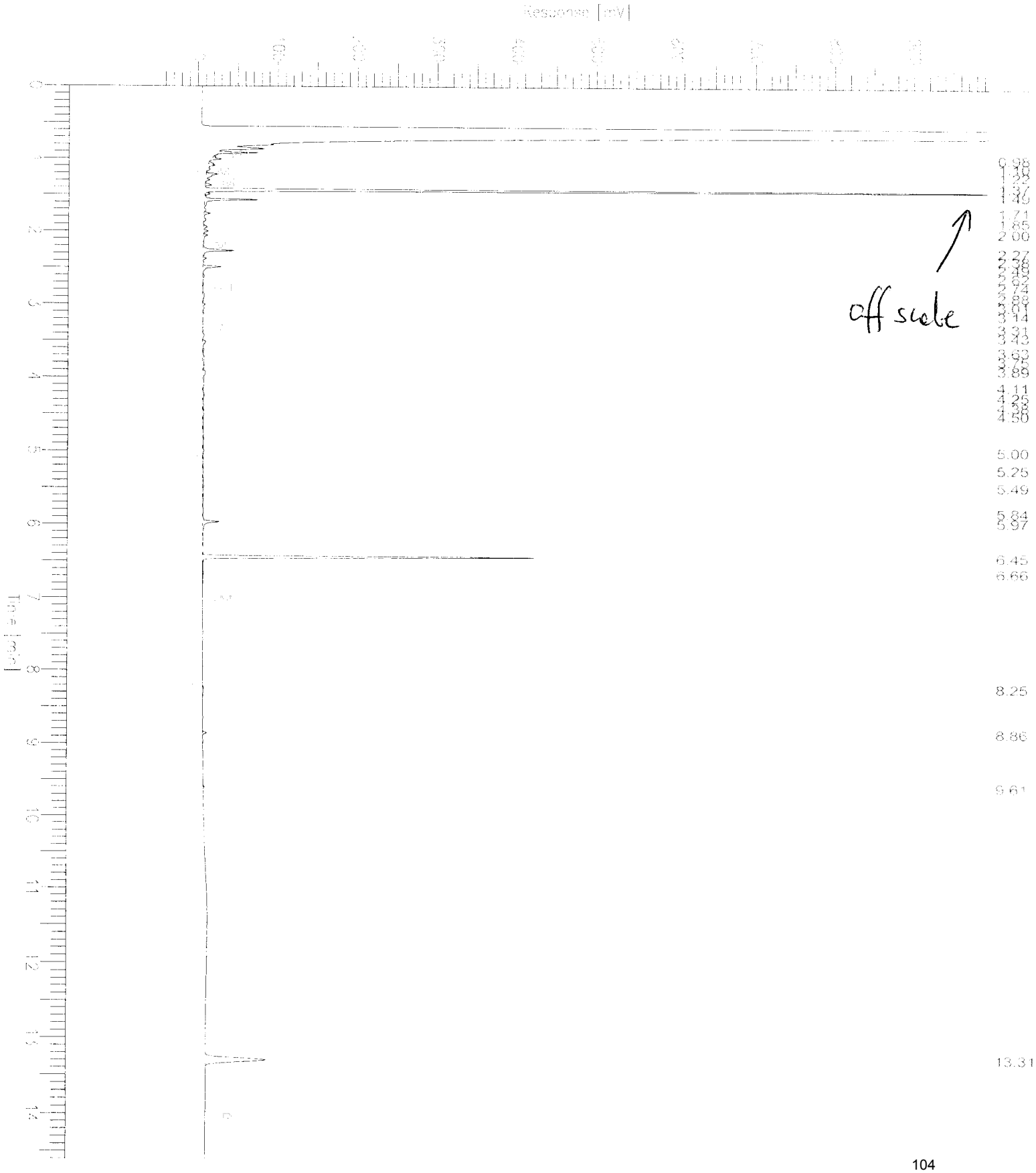
= 355.20

Report stored in ASCII file: H:\TC4\AUTOFID2\JUNE\3GEA030.TX0

Chromatogram

Sample Name : B705885-02
FileName : H:\TC4\AUTOFID2\JUNE\3GEA030.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: -45 mV

Sample #: 30 Page 1 of 1
Date : 7/11/07 9:50 AM
Time of Injection: 7/10/07 9:05 PM
Low Point : -44.51 mV High Point : 993.88 mV
Plot Scale: 1038.4 mV



Software Version: 4.1<1L22>
Sample Name : B705885-02RE1 @d5 Time : 7/11/07 1:28 PM
Sample Number: 8 Study : FLPRO S
Operator : PL

Instrument : JSVGCFID2 Channel : A A/D mV Range : 1000
AutoSampler : BUILT-IN
Rack/Vial : 0/8

Interface Serial # : NONE Data Acquisition Time: 7/11/07 12:07 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : H:\TC4\AUTOFID2\JUNE\3GFA008.RAW
Result File : C:\WINDOWS\TEMP\~RST2C48.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from C:\WINDOWS\TEMP\~RST2C48.RST
Proc Method : H:\TC4\AUTOFID2\FLSUR3CM.MTH
Calib Method : H:\TC4\AUTOFID2\FLSUR3CM.MTH
Sequence File : C:\TC4\SEQUEN~1\3GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : ~~5.00~~

PL 7/11

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A): Rtx-5 30mx0.53x0.50
Flp Surr Analysis Curve (flsur3CM on 03-18-07)
50 ppb O-Terphenyl / 100 ppb c-39, Injection volume = 1.0 ul

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
1	6.442	O-Terphenyl (surr)	119098.50	16.6431	83.2156
2	13.280	Nonatriacontane (sur	48017.47	11.4166	57.0829
			167115.97	28.0597	140.2985

Report stored in ASCII file: C:\WINDOWS\TEMP\~RST2C48.TX0

Software Version: 4.1<1L22>
Sample Name : B705885-02RE1 @d5 Time : 7/11/07 1:31 PM
Sample Number: 8 Study : FLPRO S
Operator : PL

Instrument : JSVGCFID2 Channel : A A/D mV Range : 1000
AutoSampler : BUILT-IN
Rack/Vial : 0/8

Interface Serial # : NONE Data Acquisition Time: 7/11/07 12:07 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : H:\TC4\AUTOFID2\JUNE\3GFA008.RAW
Result File : H:\TC4\AUTOFID2\JUNE\3GFA008.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from H:\TC4\AUTOFID2\JUNE\3GFA008.RST
Proc Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GFA008.RST
Calib Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GFA008.RST
Sequence File : C:\TC4\SEQUEN~1\3GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 5.00

==========
PRIMARY COLUMN (DETECTOR A):Rtx-5 30mx0.53x0.5 Flp Analysis Curve (flp3CM on 03-18-07)
50 ppb O-Terphenyl and 100 ppb c-39 (surr's) 1700 ppb LCS and 1700 ppb CVS
Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
	7.46	TPH (C8-C40)	590179	102.1	510.6
0	15.50	O-Terphenyl	0	0.0	0.0
0	16.00	Nonatriacontane	0	0.0	0.0
			590179	102.1	510.6

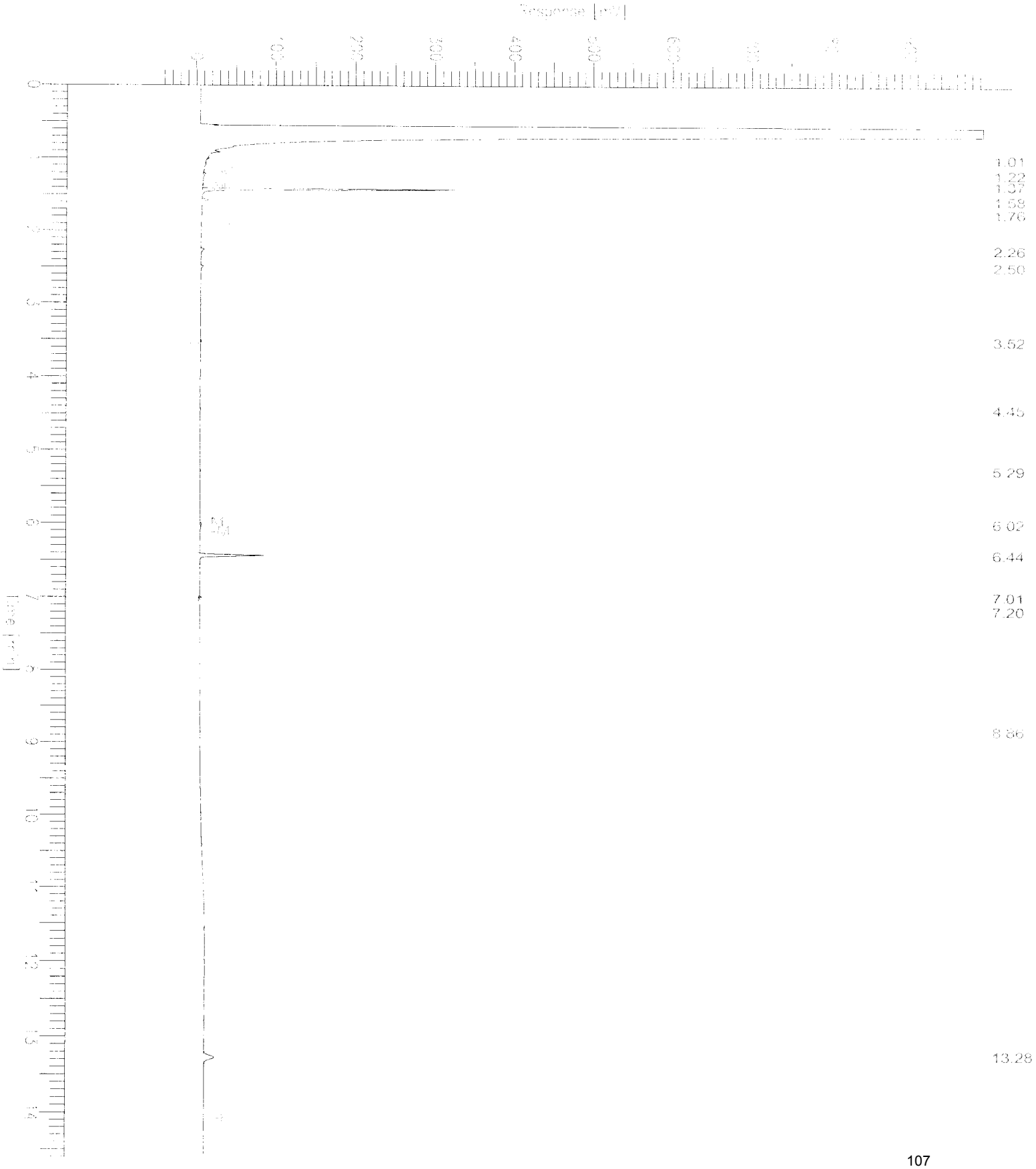
= 73.12

Report stored in ASCII file: H:\TC4\AUTOFID2\JUNE\3GFA008.TX0

Chromatogram

Sample Name : B705885-02RE1 @d5
FileName : H:\TC4\AUTOFID2\JUNE\3GFA008.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: -46 mV

Sample #: 8 Page 1 of 1
Date : 7/11/07 1:31 PM
Time of Injection: 7/11/07 12:07 PM
Low Point : -45.69 mV High Point : 993.88 mV
Plot Scale: 1039.6 mV



Software Version: 4.1<1L22>
Sample Name : B705885-03 Time : 7/11/07 09:29 AM
Sample Number: 31 Study : FLPRO W
Operator : PL

Instrument : JSVGCFID2 Channel : A A/D mV Range : 1000
AutoSampler : BUILT-IN
Rack/Vial : 0/31

Interface Serial # : NONE Data Acquisition Time: 7/10/07 09:28 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : C:\TC4\AUTOFID2\JUNE\3GEA031.RAW
Result File : C:\WINDOWS\TEMP\~RST0F0A.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from C:\WINDOWS\TEMP\~RST0F0A.RST
Proc Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Calib Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A): Rtx-5 30mx0.53x0.50
Flp Surr Analysis Curve (flsur3CM on 03-18-07)
50 ppb O-Terphenyl / 100 ppb c-39, Injection volume = 1.0 ul

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
1	6.455	O-Terphenyl (surr)	620338.22	86.6876	86.6876
2	13.310	Nonatriacontane (sur	279332.07	66.4137	66.4137
			899670.29	153.1013	153.1013

Report stored in ASCII file: C:\WINDOWS\TEMP\~RST0F0A.TX0

Software Version: 4.1<1L22>
Sample Name : B705885-03 Time : 7/11/07 9:53 AM
Sample Number: 31 Study : FLPRO W
Operator : PL

Instrument : JSVGCFID2 Channel : A A/D mV Range : 1000
AutoSampler : BUILT-IN
Rack/Vial : 0/31

Interface Serial # : NONE Data Acquisition Time: 7/10/07 9:28 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : H:\TC4\AUTOFID2\JUNE\3GEA031.RAW
Result File : H:\TC4\AUTOFID2\JUNE\3GEA031.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from H:\TC4\AUTOFID2\JUNE\3GEA031.RST
Proc Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA031.RST
Calib Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA031.RST
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

==========
PRIMARY COLUMN (DETECTOR A):Rtx-5 30mx0.53x0.5 Flp Analysis Curve (flp3CM on 03-18-07)
50 ppb O-Terphenyl and 100 ppb c-39 (surr's) 1700 ppb LCS and 1700 ppb CVS
Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
	7.46	TPH (C8-C40)	1195802	206.9	206.9
0	15.50	O-Terphenyl	0	0.0	0.0
0	16.00	Nonatriacontane	0	0.0	0.0
			1195802	206.9	206.9

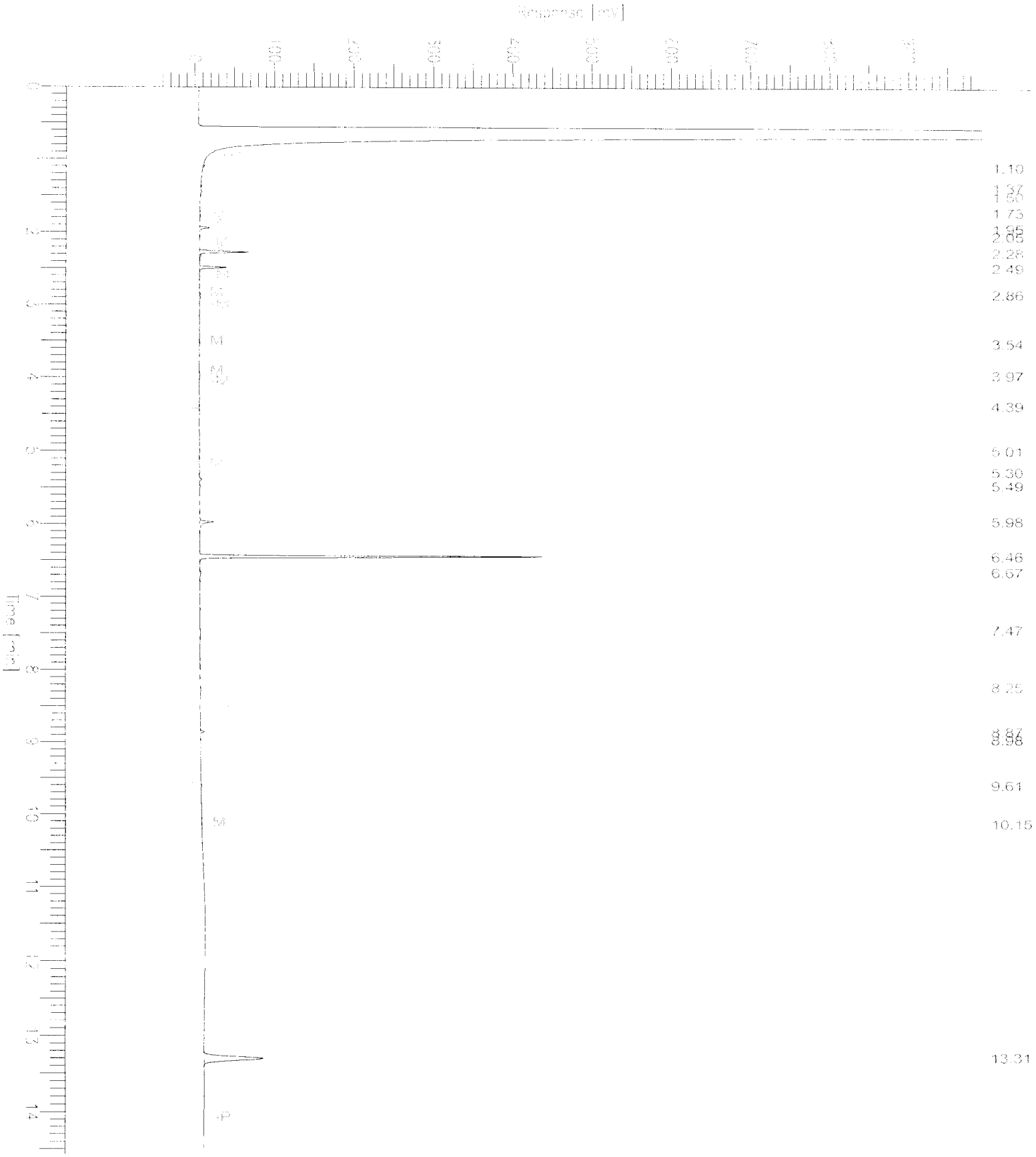
= 51.26

Report stored in ASCII file: H:\TC4\AUTOFID2\JUNE\3GEA031.TX0

Chromatogram

Sample Name : B705885-03
FileName : H:\TC4\AUTOFID2\JUNE\3GEA031.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: 45 mV

Sample #: 31 Page 1 of 1
Date : 7/11/07 9:53 AM
Time of Injection: 7/10/07 9:28 PM
Low Point : -44.52 mV High Point : 993.88 mV
Plot Scale: 1038.4 mV



Software Version: 4.1<1L22>
Sample Name : B705885-04 @d10 Time : 7/11/07 09:29 AM
Sample Number: 32 Study : FLPRO W
Operator : PL

Instrument : JSVGCFID2 Channel : A A/D mV Range : 1000
AutoSampler : BUILT-IN
Rack/Vial : 0/32

Interface Serial # : NONE Data Acquisition Time: 7/10/07 09:51 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : C:\TC4\AUTOFID2\JUNE\3GEA032.RAW
Result File : C:\WINDOWS\TEMP\~RST0F0A.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from C:\WINDOWS\TEMP\~RST0F0A.RST
Proc Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Calib Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 10.00

Environmental Conservation Laboratories

==========
PRIMARY COLUMN (DETECTOR A): Rtx-5 30mx0.53x0.50
Flp Surr Analysis Curve (flsur3CM on 03-18-07)
50 ppb O-Terphenyl / 100 ppb c-39, Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
1	6.452	O-Terphenyl (surr)	65820.20	9.1979	91.9788
2	13.304	Nonatriacontane (sur	25307.77	6.0171	60.1715
			91127.98	15.2150	152.1503

==========
==========

Report stored in ASCII file: C:\WINDOWS\TEMP\~RST0F0A.TX0

Software Version: 4.1<1L22>
Sample Name : B705885-04 @d10 Time : 7/11/07 9:54 AM
Sample Number: 32 Study : FLPRO W
Operator : PL

Instrument : JSVGCFID2 Channel : A A/D mV Range : 1000
AutoSampler : BUILT-IN
Rack/Vial : 0/32

Interface Serial # : NONE Data Acquisition Time: 7/10/07 9:51 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : H:\TC4\AUTOFID2\JUNE\3GEA032.RAW
Result File : H:\TC4\AUTOFID2\JUNE\3GEA032.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from H:\TC4\AUTOFID2\JUNE\3GEA032.RST
Proc Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA032.RST
Calib Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA032.RST
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 10.00

==========
PRIMARY COLUMN (DETECTOR A):Rtx-5 30mx0.53x0.5 Flp Analysis Curve (flp3CM on 03-18-07)
50 ppb O-Terphenyl and 100 ppb c-39 (surr's) 1700 ppb LCS and 1700 ppb CVS
Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
	7.46	TPH (C8-C40)	2871818	496.9	4968.8
0	15.50	O-Terphenyl	0	0.0	0.0
0	16.00	Nonatriacontane	0	0.0	0.0
			2871818	496.9	4968.8

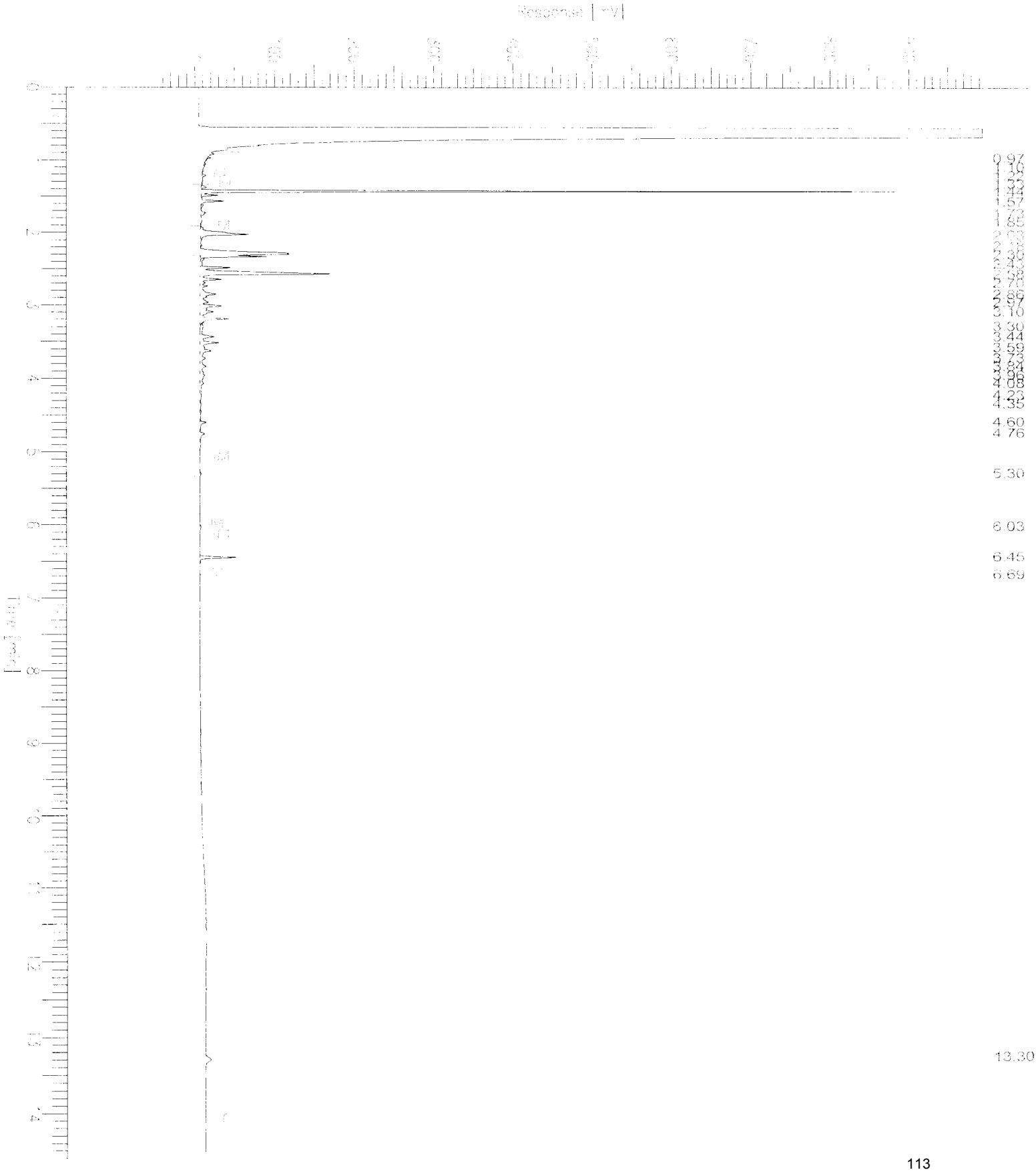
= 481.23

Report stored in ASCII file: H:\TC4\AUTOFID2\JUNE\3GEA032.TX0

Chromatogram

Sample Name : B705885-04 @d10
FileName : H:\TC4\AUTOFID2\JUNE\3GEA032.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: -45 mV

Sample #: 32
Date : 7/11/07 9:54 AM
Time of Injection: 7/10/07 9:51 PM
Low Point : -44.52 mV High Point : 993.88 mV
Plot Scale: 1038.4 mV



Software Version: 4.1<1L22>
Sample Name : B705885-05 Time : 7/11/07 09:29 AM
Sample Number: 33 Study : FLPRO W
Operator : PL

Instrument : JSVGCFID2 Channel : A A/D mV Range : 1000
AutoSampler : BUILT-IN
Rack/Vial : 0/33

Interface Serial # : NONE Data Acquisition Time: 7/10/07 10:14 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : C:\TC4\AUTOFID2\JUNE\3GEA033.RAW
Result File : C:\WINDOWS\TEMP\~RST0F0A.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from C:\WINDOWS\TEMP\~RST0F0A.RST
Proc Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Calib Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A): Rtx-5 30mx0.53x0.50
Flp Surr Analysis Curve (flsur3CM on 03-18-07)
50 ppb O-Terphenyl / 100 ppb c-39, Injection volume = 1.0 ul

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
1	6.454	O-Terphenyl (surr)	660031.95	92.2345	92.2345
2	13.301	Nonatriacontane (sur	292165.65	69.4650	69.4650
			952197.60	161.6995	161.6995

Report stored in ASCII file: C:\WINDOWS\TEMP\~RST0F0A.TX0

Software Version: 4.1<1L22>
Sample Name : B705885-05 Time : 7/11/07 9:56 AM
Sample Number: 33 Study : FLPRO W
Operator : PL

Instrument : JSVGCFID2 Channel : A A/D mV Range : 1000
AutoSampler : BUILT-IN
Rack/Vial : 0/33

Interface Serial # : NONE Data Acquisition Time: 7/10/07 10:14 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : H:\TC4\AUTOFID2\JUNE\3GEA033.RAW
Result File : H:\TC4\AUTOFID2\JUNE\3GEA033.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from H:\TC4\AUTOFID2\JUNE\3GEA033.RST
Proc Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA033.RST
Calib Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA033.RST
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

==========
PRIMARY COLUMN (DETECTOR A):Rtx-5 30mx0.53x0.5 Flp Analysis Curve (flp3CM on 03-18-07)
50 ppb O-Terphenyl and 100 ppb c-39 (surr's) 1700 ppb LCS and 1700 ppb CVS
Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
	7.46	TPH (C8-C40)	2041473	353.2	353.2
0	15.50	O-Terphenyl	0	0.0	0.0
0	16.00	Nonatriacontane	0	0.0	0.0
			2041473	353.2	353.2

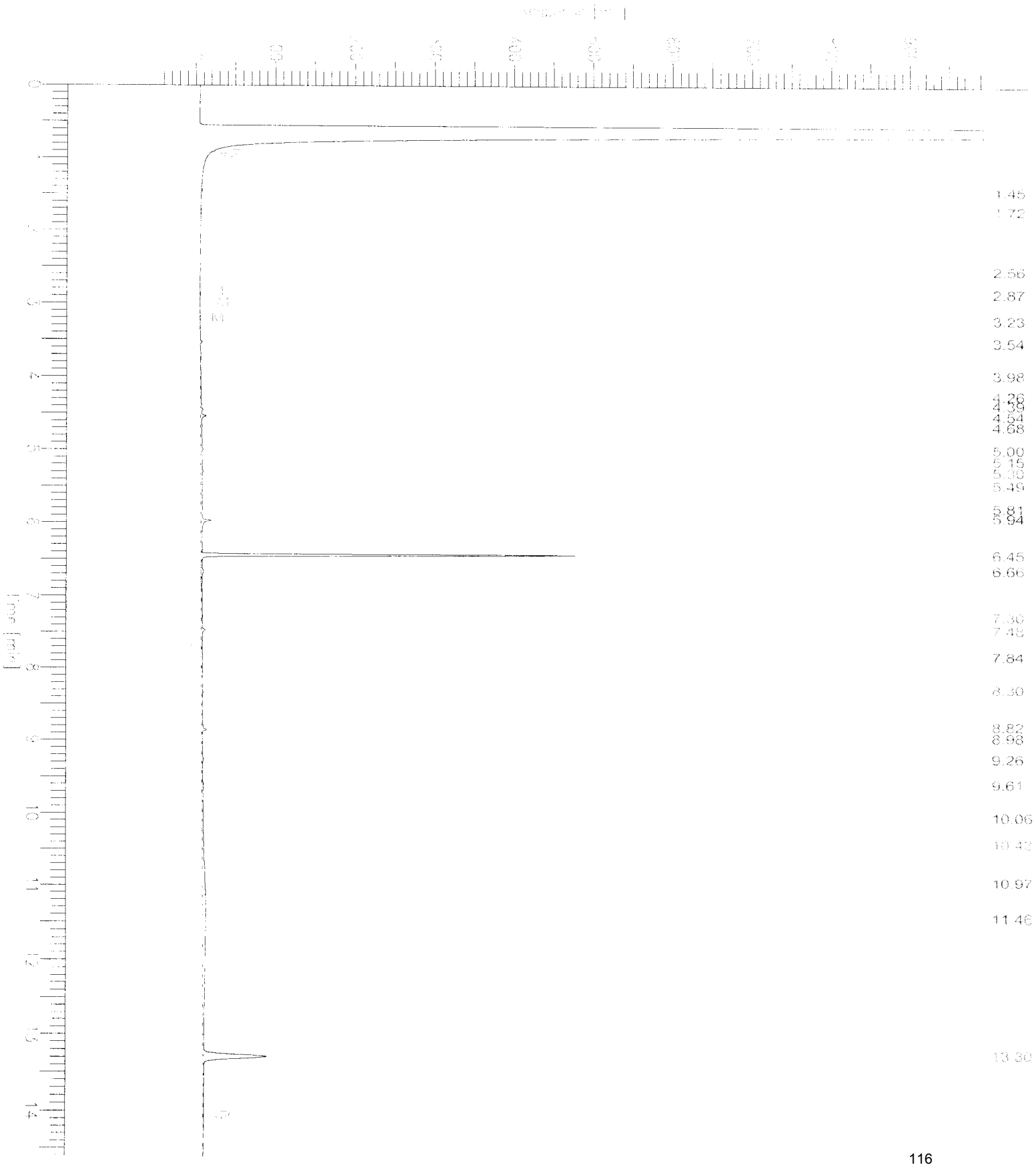
= 188.35

Report stored in ASCII file: H:\TC4\AUTOFID2\JUNE\3GEA033.TX0

Chromatogram

Sample Name : B705885-05
FileName : H:\TC4\AUTOFID2\JUNE\3GEA033.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: -45 mV

Sample #: 33 Page 1 of 1
Date : 7/11/07 9:56 AM
Time of Injection: 7/10/07 10:14 PM
Low Point : -44.52 mV High Point : 993.88 mV
Plot Scale: 1038.4 mV



Software Version: 4.1<1L22>
Sample Name : B705885-06 Time : 7/11/07 09:29 AM
Sample Number: 36 Study : FLPRO W
Operator : PL

Instrument : JSVGCFID2 Channel : A A/D mV Range : 1000
AutoSampler : BUILT-IN
Rack/Vial : 0/36

Interface Serial # : NONE Data Acquisition Time: 7/10/07 11:22 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : C:\TC4\AUTOFID2\JUNE\3GEA036.RAW
Result File : C:\WINDOWS\TEMP\~RST0F0A.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from C:\WINDOWS\TEMP\~RST0F0A.RST
Proc Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Calib Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A): Rtx-5 30mx0.53x0.50
Flp Surr Analysis Curve (flsur3CM on 03-18-07)
50 ppb O-Terphenyl / 100 ppb c-39, Injection volume = 1.0 ul

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
1	6.447	O-Terphenyl (surr)	748392.53	104.5823	104.5823
2	13.296	Nonatriacontane (sur	312008.94	74.1829	74.1829
			1060401.47	178.7651	178.7651

Report stored in ASCII file: C:\WINDOWS\TEMP\~RST0F0A.TX0

Software Version: 4.1<1L22>
Sample Name : B705885-06 Time : 7/11/07 10:12 AM
Sample Number: 36 Study : FLPRO W
Operator : PL

Instrument : JSVGCFID2 Channel : A A/D mV Range : 1000
AutoSampler : BUILT-IN
Rack/Vial : 0/36

Interface Serial # : NONE Data Acquisition Time: 7/10/07 11:22 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : H:\TC4\AUTOFID2\JUNE\3GEA036.RAW
Result File : H:\TC4\AUTOFID2\JUNE\3GEA036.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from H:\TC4\AUTOFID2\JUNE\3GEA036.RST
Proc Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA036.RST
Calib Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA036.RST
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

==========
PRIMARY COLUMN (DETECTOR A):Rtx-5 30mx0.53x0.5 Flp Analysis Curve (flp3CM on 03-18-07)
50 ppb O-Terphenyl and 100 ppb c-39 (surr's) 1700 ppb LCS and 1700 ppb CVS
Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
	7.46	TPH (C8-C40)	1377814	238.4	238.4
0	15.50	O-Terphenyl	0	0.0	0.0
0	16.00	Nonatriacontane	0	0.0	0.0
			1377814	238.4	238.4

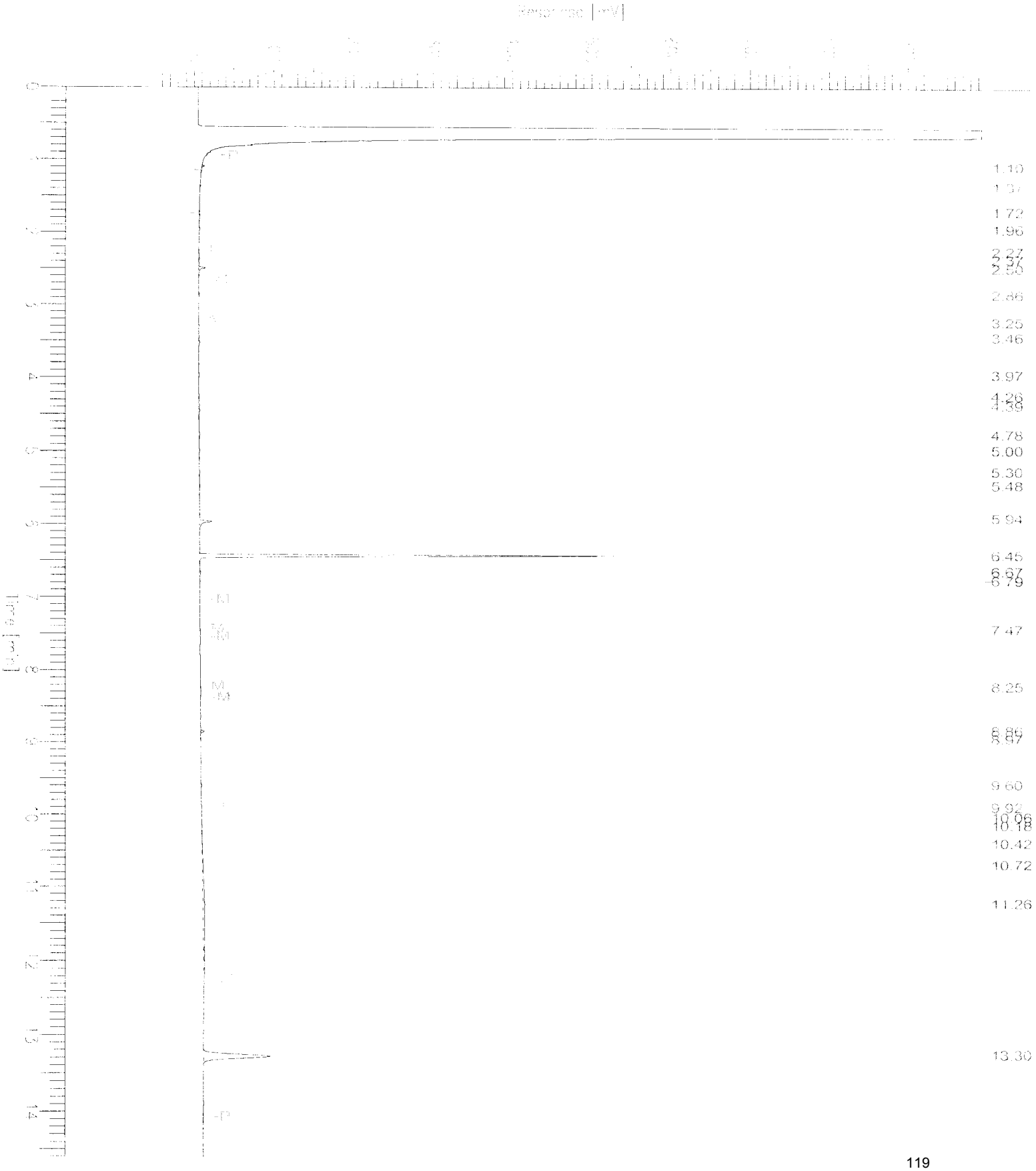
= 54.83

Report stored in ASCII file: H:\TC4\AUTOFID2\JUNE\3GEA036.TX0

Chromatogram

Sample Name : B705885-06
FileName : H:\TC4\AUTOFID2\JUNE\3GEA036.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: -45 mV

Sample #: 36 Page 1 of 1
Date : 7/11/07 10:12 AM
Time of Injection: 7/10/07 11:22 PM
Low Point : -44.50 mV High Point : 993.88 mV
Plot Scale: 1038.4 mV



Software Version: 4.1<1L22>
Sample Name : B705885-07 Time : 7/11/07 09:29 AM
Sample Number: 37 Study : FLPRO W
Operator : PL

Instrument : JSVGCFID2 Channel : A A/D mV Range : 1000
AutoSampler : BUILT-IN
Rack/Vial : 0/37

Interface Serial # : NONE Data Acquisition Time: 7/10/07 11:44 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : C:\TC4\AUTOFID2\JUNE\3GEA037.RAW
Result File : C:\WINDOWS\TEMP\~RST0F0A.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from C:\WINDOWS\TEMP\~RST0F0A.RST
Proc Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Calib Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

==========
PRIMARY COLUMN (DETECTOR A): Rtx-5 30mx0.53x0.50
Flp Surr Analysis Curve (flsur3CM on 03-18-07)
50 ppb O-Terphenyl / 100 ppb c-39, Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
1	6.444	O-Terphenyl (surr)	741587.25	103.6313	103.6313
2	13.295	Nonatriacontane (sur	323168.53	76.8362	76.8362
			1064755.78	180.4675	180.4675

==========
==========

Report stored in ASCII file: C:\WINDOWS\TEMP\~RST0F0A.TX0

Software Version: 4.1<1L22>
Sample Name : B705885-07 Time : 7/11/07 10:14 AM
Sample Number: 37 Study : FLPRO W
Operator : PL

Instrument : JSVGCFID2 Channel : A A/D mV Range : 1000
AutoSampler : BUILT-IN
Rack/Vial : 0/37

Interface Serial # : NONE Data Acquisition Time: 7/10/07 11:44 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : H:\TC4\AUTOFID2\JUNE\3GEA037.RAW
Result File : H:\TC4\AUTOFID2\JUNE\3GEA037.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from H:\TC4\AUTOFID2\JUNE\3GEA037.RST
Proc Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA037.RST
Calib Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA037.RST
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

==========
PRIMARY COLUMN (DETECTOR A):Rtx-5 30mx0.53x0.5 Flp Analysis Curve (flp3CM on 03-18-07)
50 ppb O-Terphenyl and 100 ppb c-39 (surr's) 1700 ppb LCS and 1700 ppb CVS
Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
	7.46	TPH (C8-C40)	5771733	998.6	998.6
0	15.50	O-Terphenyl	0	0.0	0.0
0	16.00	Nonatriacontane	0	0.0	0.0
			5771733	998.6	998.6

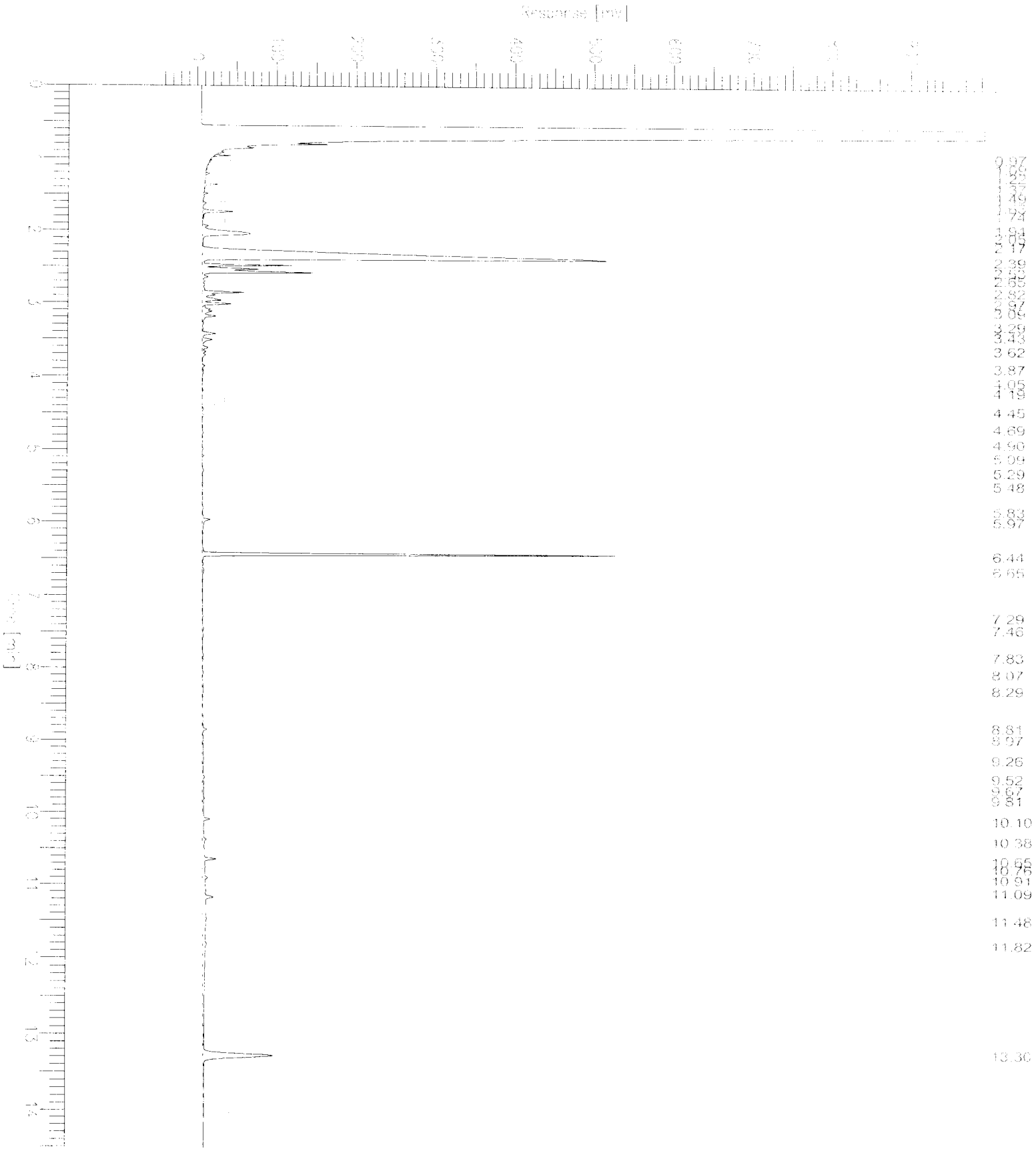
= 814.71

Report stored in ASCII file: H:\TC4\AUTOFID2\JUNE\3GEA037.TX0

Chromatogram

Sample Name : B705885-07
FileName : H:\TC4\AUTOFID2\JUNE\3GEA037.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: 44 mV

Sample #: 37 Page 1 of 1
Date : 7/11/07 10:14 AM
Time of injection: 7/10/07 11:44 PM
Low Point : 44.49 mV High Point : 993.88 mV
Plot Scale: 1038.4 mV



Software Version: 4.1<1L22>
Sample Name : B705885-08 Time : 7/11/07 09:29 AM
Sample Number: 38 Study : FLPRO W
Operator : PL

Instrument : JSVGCFID2 Channel : A A/D mV Range : 1000
AutoSampler : BUILT-IN
Rack/Vial : 0/38

Interface Serial # : NONE Data Acquisition Time: 7/11/07 12:08 AM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : C:\TC4\AUTOFID2\JUNE\3GEA038.RAW
Result File : C:\WINDOWS\TEMP\~RST0F0A.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from C:\WINDOWS\TEMP\~RST0F0A.RST
Proc Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Calib Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A): Rtx-5 30mx0.53x0.50
Flp Surr Analysis Curve (flsur3CM on 03-18-07)
50 ppb O-Terphenyl / 100 ppb c-39, Injection volume = 1.0 ul

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
1	6.438	O-Terphenyl (surr)	668681.41	93.4432	93.4432
2	13.292	Nonatriacontane (sur	254312.94	60.4651	60.4651
			922994.35	153.9084	153.9084

Report stored in ASCII file: C:\WINDOWS\TEMP\~RST0F0A.TX0

Software Version: 4.1<1L22>
Sample Name : B705885-08 Time : 7/11/07 10:17 AM
Sample Number: 38 Study : FLPRO W
Operator : PL

Instrument : JSVGCFID2 Channel : A A/D mV Range : 1000
AutoSampler : BUILT-IN
Rack/Vial : 0/38

Interface Serial # : NONE Data Acquisition Time: 7/11/07 12:08 AM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : H:\TC4\AUTOFID2\JUNE\3GEA038.RAW
Result File : H:\TC4\AUTOFID2\JUNE\3GEA038.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from H:\TC4\AUTOFID2\JUNE\3GEA038.RST
Proc Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA038.RST
Calib Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA038.RST
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

==========
PRIMARY COLUMN (DETECTOR A):Rtx-5 30mx0.53x0.5 Flp Analysis Curve (flp3CM on 03-18-07)
50 ppb O-Terphenyl and 100 ppb c-39 (surr's) 1700 ppb LCS and 1700 ppb CVS
Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
	7.46	TPH (C8-C40)	2102260	363.7	363.7
0	15.50	O-Terphenyl	0	0.0	0.0
0	16.00	Nonatriacontane	0	0.0	0.0
			2102260	363.7	363.7

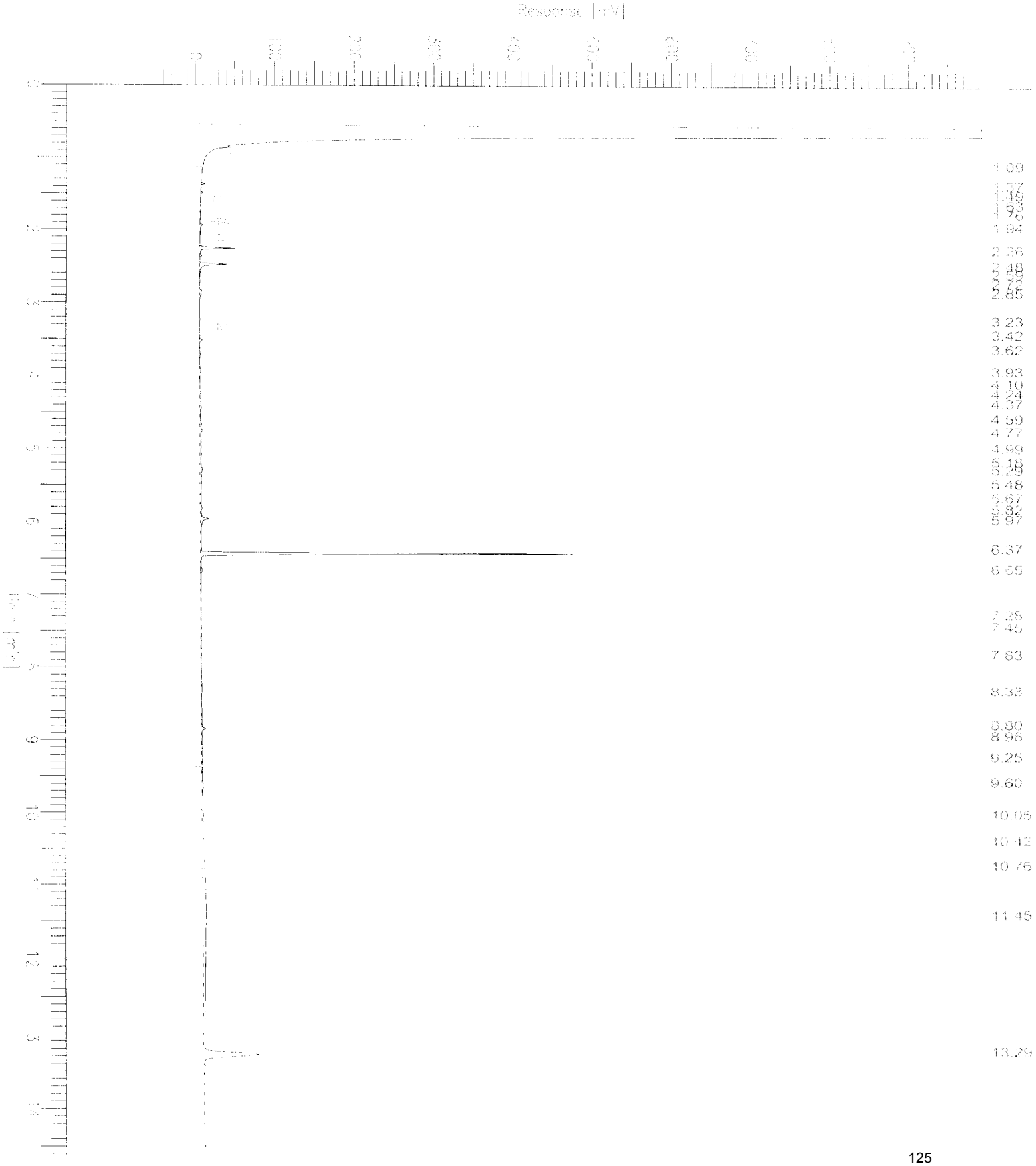
= 204.19

Report stored in ASCII file: H:\TC4\AUTOFID2\JUNE\3GEA038.TX0

Chromatogram

Sample Name : B705885 08
FileName : H:\TC4\AUTOFID2\JUNE\3GEA038.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: -44 mV

Sample #: 38 Page 1 of 1
Date : 7/11/07 10:17 AM
Time of Injection: 7/11/07 12:08 AM
Low Point : -44.49 mV High Point : 993.88 mV
Plot Scale: 1038.4 mV



Software Version: 4.1<1L22>
Sample Name : B706062-01 Time : 7/11/07 09:28 AM
Sample Number: 28 Study : FLPRO W
Operator : PL

Instrument : JSVGCFID2 Channel : A A/D mV Range : 1000
AutoSampler : BUILT-IN
Rack/Vial : 0/28

Interface Serial # : NONE Data Acquisition Time: 7/10/07 08:20 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : C:\TC4\AUTOFID2\JUNE\3GEA028.RAW
Result File : C:\WINDOWS\TEMP\~RST0F0A.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from C:\WINDOWS\TEMP\~RST0F0A.RST
Proc Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Calib Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

==========
PRIMARY COLUMN (DETECTOR A): Rtx-5 30mx0.53x0.50
Flp Surr Analysis Curve (flsur3CM on 03-18-07)
50 ppb O-Terphenyl / 100 ppb c-39, Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
1	6.454	O-Terphenyl (surr)	715163.28	99.9387	99.9387
2	13.311	Nonatriacontane (sur	293975.48	69.8953	69.8953
			1009138.76	169.8340	169.8340

==========
==========

Report stored in ASCII file: C:\WINDOWS\TEMP\~RST0F0A.TX0

Software Version: 4.1<1L22>
Sample Name : B706062-01 Time : 7/11/07 9:47 AM
Sample Number: 28 Study : FLPRO W
Operator : PL

Instrument : JSVGCFID2 Channel : A A/D mV Range : 1000
AutoSampler : BUILT-IN
Rack/Vial : 0/28

Interface Serial # : NONE Data Acquisition Time: 7/10/07 8:20 PM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : H:\TC4\AUTOFID2\JUNE\3GEA028.RAW
Result File : H:\TC4\AUTOFID2\JUNE\3GEA028.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from H:\TC4\AUTOFID2\JUNE\3GEA028.RST
Proc Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA028.RST
Calib Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA028.RST
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

==========
PRIMARY COLUMN (DETECTOR A):Rtx-5 30mx0.53x0.5 Flp Analysis Curve (flp3CM on 03-18-07)
50 ppb O-Terphenyl and 100 ppb c-39 (surr's) 1700 ppb LCS and 1700 ppb CVS
Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
	7.46	TPH (C8-C40)	15236453	2636.2	2636.2
0	15.50	O-Terphenyl	0	0.0	0.0
0	16.00	Nonatriacontane	0	0.0	0.0
			15236453	2636.2	2636.2

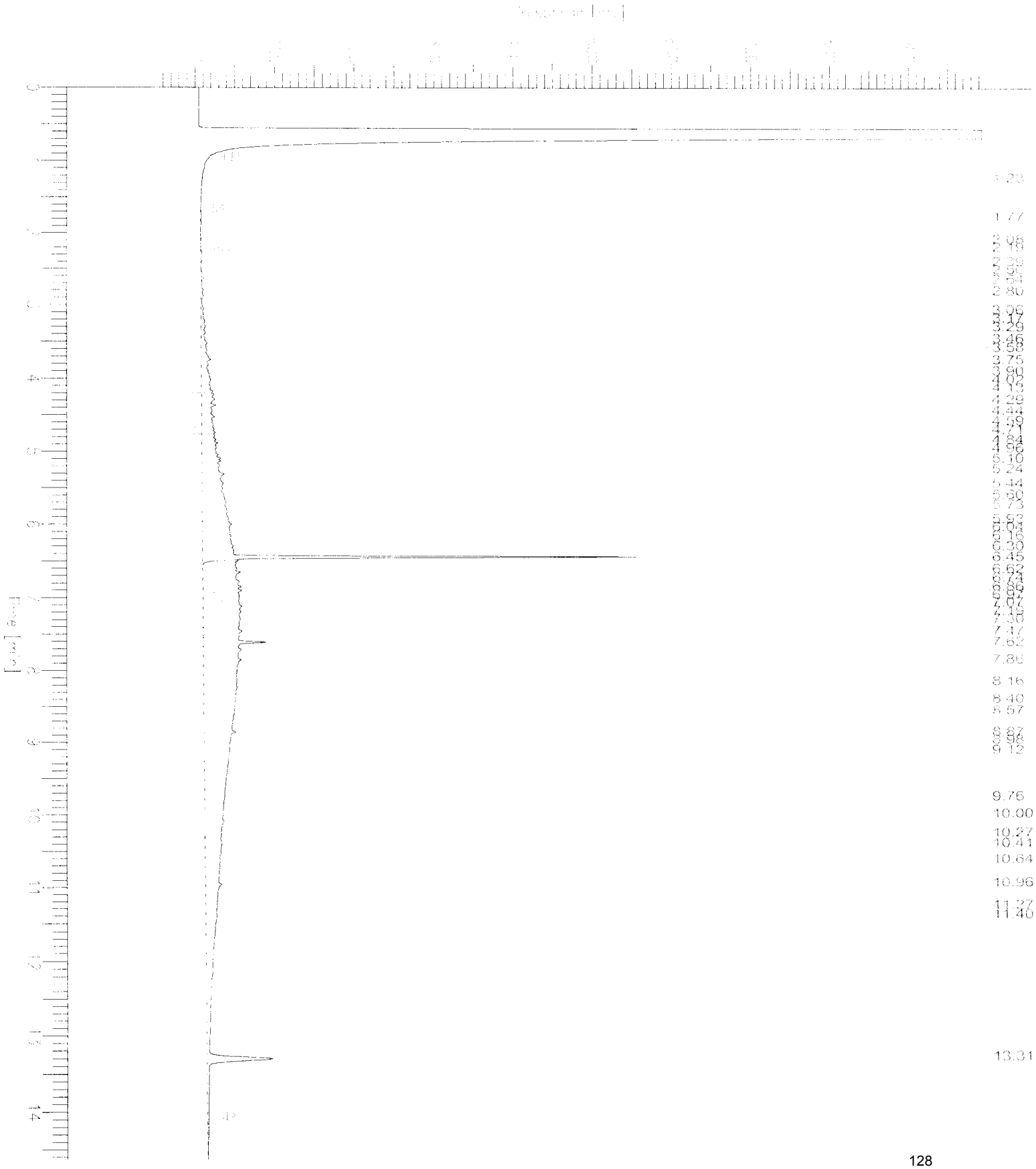
= 2461.41

Report stored in ASCII file: H:\TC4\AUTOFID2\JUNE\3GEA028.TX0

Chromatogram

Sample Name : B706062 01
FileName : H:\TC4\AUTOFID2\JUNE\3GEA028.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: -45 mV

Sample #: 28 Page 1 of 1
Date : 7/11/07 9:47 AM
Time of Injection: 7/10/07 8:20 PM
Low Point : 44.52 mV High Point : 993.88 mV
Plot Scale: 1038.4 mV



Software Version: 4.1<1L22>
Sample Name : B706062-02 Time : 7/11/07 09:29 AM
Sample Number: 39 Study : FLPRO W
Operator : PL

Instrument : JSVGCFID2 Channel : A A/D mV Range : 1000
AutoSampler : BUILT-IN
Rack/Vial : 0/39

Interface Serial # : NONE Data Acquisition Time: 7/11/07 12:30 AM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : C:\TC4\AUTOFID2\JUNE\3GEA039.RAW
Result File : C:\WINDOWS\TEMP\~RST0F0A.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from C:\WINDOWS\TEMP\~RST0F0A.RST
Proc Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Calib Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A): Rtx-5 30mx0.53x0.50
Flp Surr Analysis Curve (flsur3CM on 03-18-07)
50 ppb O-Terphenyl / 100 ppb c-39, Injection volume = 1.0 ul

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
1	6.449	O-Terphenyl (surr)	695678.25	97.2158	97.2158
3	13.297	Nonatriacontane (sur	309362.63	73.5537	73.5537
			1005040.88	170.7695	170.7695

Report stored in ASCII file: C:\WINDOWS\TEMP\~RST0F0A.TX0

Software Version: 4.1<1L22>
Sample Name : B706062-02 Time : 7/11/07 10:18 AM
Sample Number: 39 Study : FLPRO W
Operator : PL

Instrument : JSVGCFID2 Channel : A A/D mV Range : 1000
AutoSampler : BUILT-IN
Rack/Vial : 0/39

Interface Serial # : NONE Data Acquisition Time: 7/11/07 12:30 AM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : H:\TC4\AUTOFID2\JUNE\3GEA039.RAW
Result File : H:\TC4\AUTOFID2\JUNE\3GEA039.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from H:\TC4\AUTOFID2\JUNE\3GEA039.RST
Proc Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA039.RST
Calib Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA039.RST
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

==========
PRIMARY COLUMN (DETECTOR A):Rtx-5 30mx0.53x0.5 Flp Analysis Curve (flp3CM on 03-18-07)
50 ppb O-Terphenyl and 100 ppb c-39 (surr's) 1700 ppb LCS and 1700 ppb CVS
Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
	7.46	TPH (C8-C40)	13623149	2357.0	2357.0
0	15.50	O-Terphenyl	0	0.0	0.0
0	16.00	Nonatriacontane	0	0.0	0.0
			13623149	2357.0	2357.0

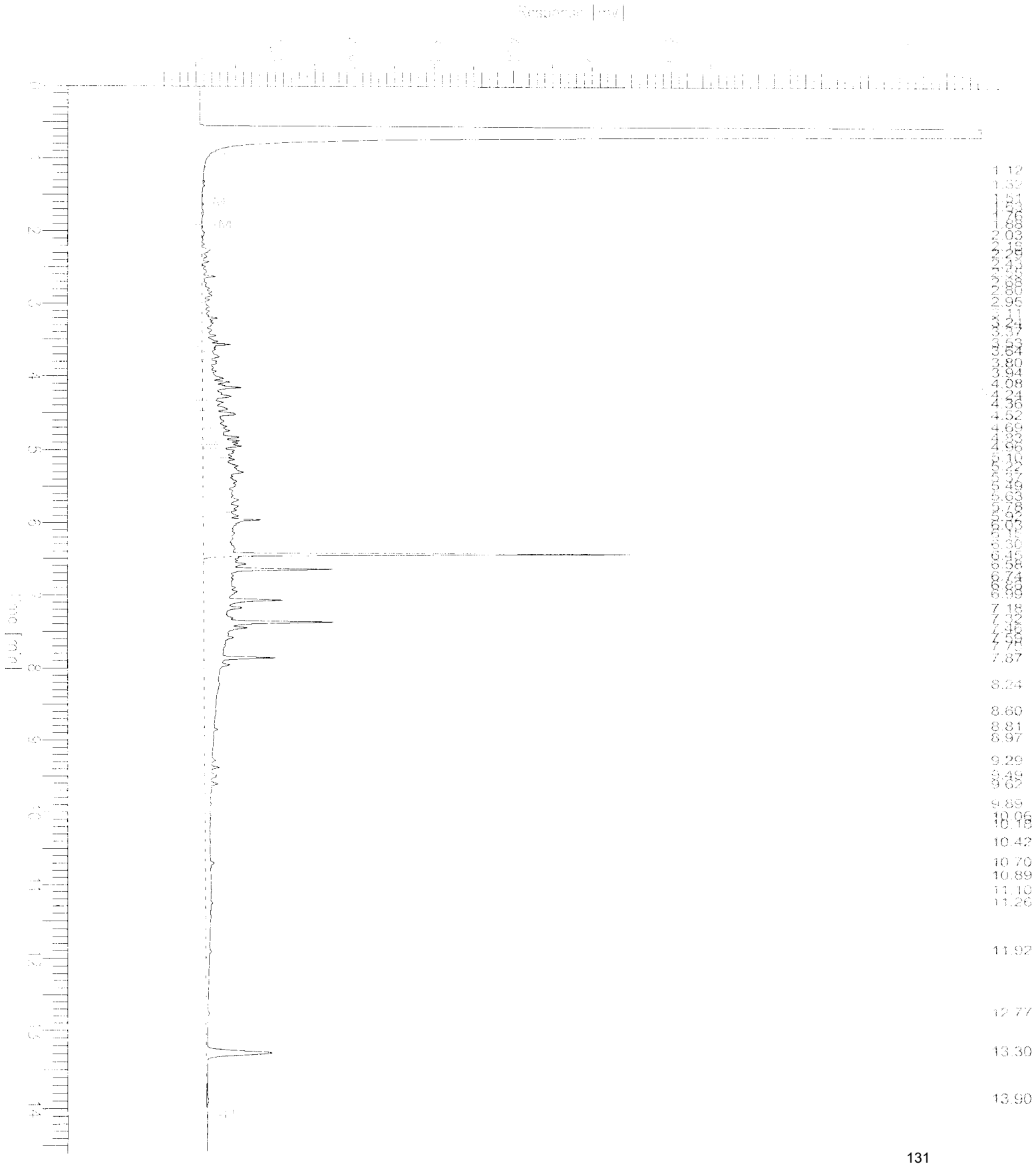
= 2183.11

Report stored in ASCII file: H:\TC4\AUTOFID2\JUNE\3GEA039.TX0

Chromatogram

Sample Name : B706062-02
FileName : H:\TC4\AUTOFID2\JUNE\3GEA039.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: -45 mV

Sample #: 39 Page 1 of 1
Date : 7/11/07 10:18 AM
Time of Injection: 7/11/07 12:30 AM
Low Point : -44.54 mV High Point : 993.88 mV
Plot Scale: 1038.4 mV



Software Version: 4.1<1L22>
Sample Name : B706062-03 Time : 7/11/07 09:29 AM
Sample Number: 40 Study : FLPRO W
Operator : PL

Instrument : JSVGCFID2 Channel : A A/D mV Range : 1000
AutoSampler : BUILT-IN
Rack/Vial : 0/40

Interface Serial # : NONE Data Acquisition Time: 7/11/07 12:53 AM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : C:\TC4\AUTOFID2\JUNE\3GEA040.RAW
Result File : C:\WINDOWS\TEMP\~RST0F0A.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from C:\WINDOWS\TEMP\~RST0F0A.RST
Proc Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Calib Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A): Rtx-5 30mx0.53x0.50
Flp Surr Analysis Curve (flsur3CM on 03-18-07)
50 ppb O-Terphenyl / 100 ppb c-39, Injection volume = 1.0 ul

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
1	6.440	O-Terphenyl (surr)	634430.38	88.6569	88.6569
3	13.296	Nonatriacontane (sur	261476.83	62.1684	62.1684
			895907.21	150.8253	150.8253

Report stored in ASCII file: C:\WINDOWS\TEMP\~RST0F0A.TX0

Software Version: 4.1<1L22>
Sample Name : B706062-03 Time : 7/11/07 10:19 AM
Sample Number: 40 Study : FLPRO W
Operator : PL

Instrument : JSVGCFID2 Channel : A A/D mV Range : 1000
AutoSampler : BUILT-IN
Rack/Vial : 0/40

Interface Serial # : NONE Data Acquisition Time: 7/11/07 12:53 AM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : H:\TC4\AUTOFID2\JUNE\3GEA040.RAW
Result File : H:\TC4\AUTOFID2\JUNE\3GEA040.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from H:\TC4\AUTOFID2\JUNE\3GEA040.RST
Proc Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA040.RST
Calib Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA040.RST
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

==========
PRIMARY COLUMN (DETECTOR A):Rtx-5 30mx0.53x0.5 Flp Analysis Curve (flp3CM on 03-18-07)
50 ppb O-Terphenyl and 100 ppb c-39 (surr's) 1700 ppb LCS and 1700 ppb CVS
Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
	7.46	TPH (C8-C40)	6504308	1125.4	1125.4
0	15.50	O-Terphenyl	0	0.0	0.0
0	16.00	Nonatriacontane	0	0.0	0.0
			6504308	1125.4	1125.4

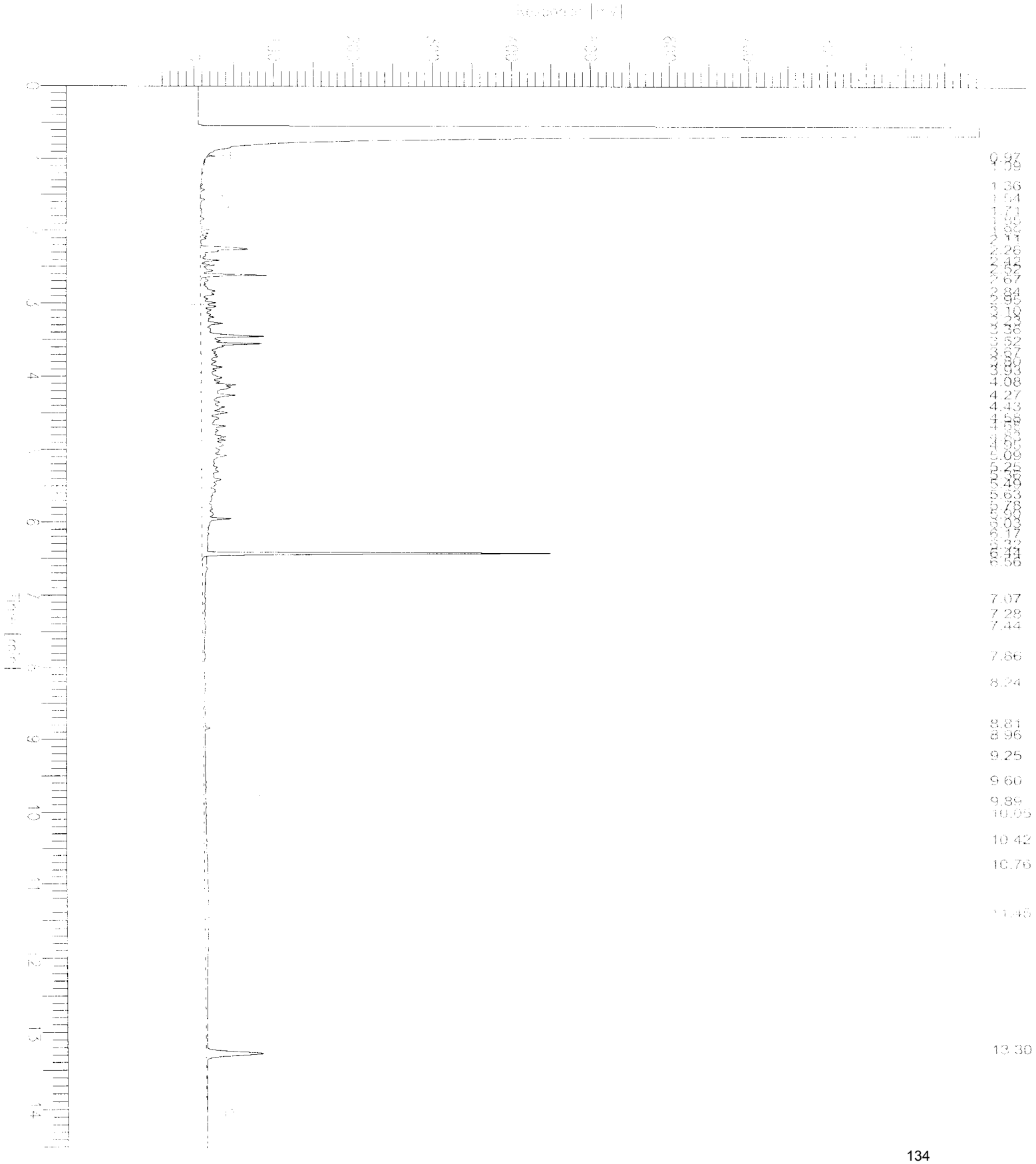
= 970.04

Report stored in ASCII file: H:\TC4\AUTOFID2\JUNE\3GEA040.TX0

Chromatogram

Sample Name : B706062-03
FileName : H:\TC4\AUTOFID2\JUNE\3GEA040.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: 44 mV

Sample #: 40
Date : 7/11/07 10:19 AM
Time of Injection: 7/11/07 12:53 AM
Low Point : 44.49 mV High Point : 993.88 mV
Plot Scale: 1038.4 mV



Software Version: 4.1<1L22>
Sample Name : B706062-04 Time : 7/11/07 09:30 AM
Sample Number: 41 Study : FLPRO W
Operator : PL

Instrument : JSVGCFID2 Channel : A A/D mV Range : 1000
AutoSampler : BUILT-IN
Rack/Vial : 0/41

Interface Serial # : NONE Data Acquisition Time: 7/11/07 01:15 AM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : C:\TC4\AUTOFID2\JUNE\3GEA041.RAW
Result File : C:\WINDOWS\TEMP\~RST0F0A.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from C:\WINDOWS\TEMP\~RST0F0A.RST
Proc Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Calib Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A): Rtx-5 30mx0.53x0.50
Flp Surr Analysis Curve (flsur3CM on 03-18-07)
50 ppb O-Terphenyl / 100 ppb c-39, Injection volume = 1.0 ul

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
1	6.440	O-Terphenyl (surr)	686691.98	95.9601	95.9601
3	13.288	Nonatriacontane (sur	302905.77	72.0185	72.0185
			989597.76	167.9786	167.9786

Report stored in ASCII file: C:\WINDOWS\TEMP\~RST0F0A.TX0

Software Version: 4.1<1L22>
Sample Name : B706062-04 Time : 7/11/07 10:21 AM
Sample Number: 41 Study : FLPRO W
Operator : PL

Instrument : JSVGCFID2 Channel : A A/D mV Range : 1000
AutoSampler : BUILT-IN
Rack/Vial : 0/41

Interface Serial # : NONE Data Acquisition Time: 7/11/07 1:15 AM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : H:\TC4\AUTOFID2\JUNE\3GEA041.RAW
Result File : H:\TC4\AUTOFID2\JUNE\3GEA041.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from H:\TC4\AUTOFID2\JUNE\3GEA041.RST
Proc Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA041.RST
Calib Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA041.RST
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

==========
PRIMARY COLUMN (DETECTOR A):Rtx-5 30mx0.53x0.5 Flp Analysis Curve (flp3CM on 03-18-07)
50 ppb O-Terphenyl and 100 ppb c-39 (surr's) 1700 ppb LCS and 1700 ppb CVS
Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
	7.46	TPH (C8-C40)	7825551	1354.0	1354.0
0	15.50	O-Terphenyl	0	0.0	0.0
0	16.00	Nonatriacontane	0	0.0	0.0
			7825551	1354.0	1354.0

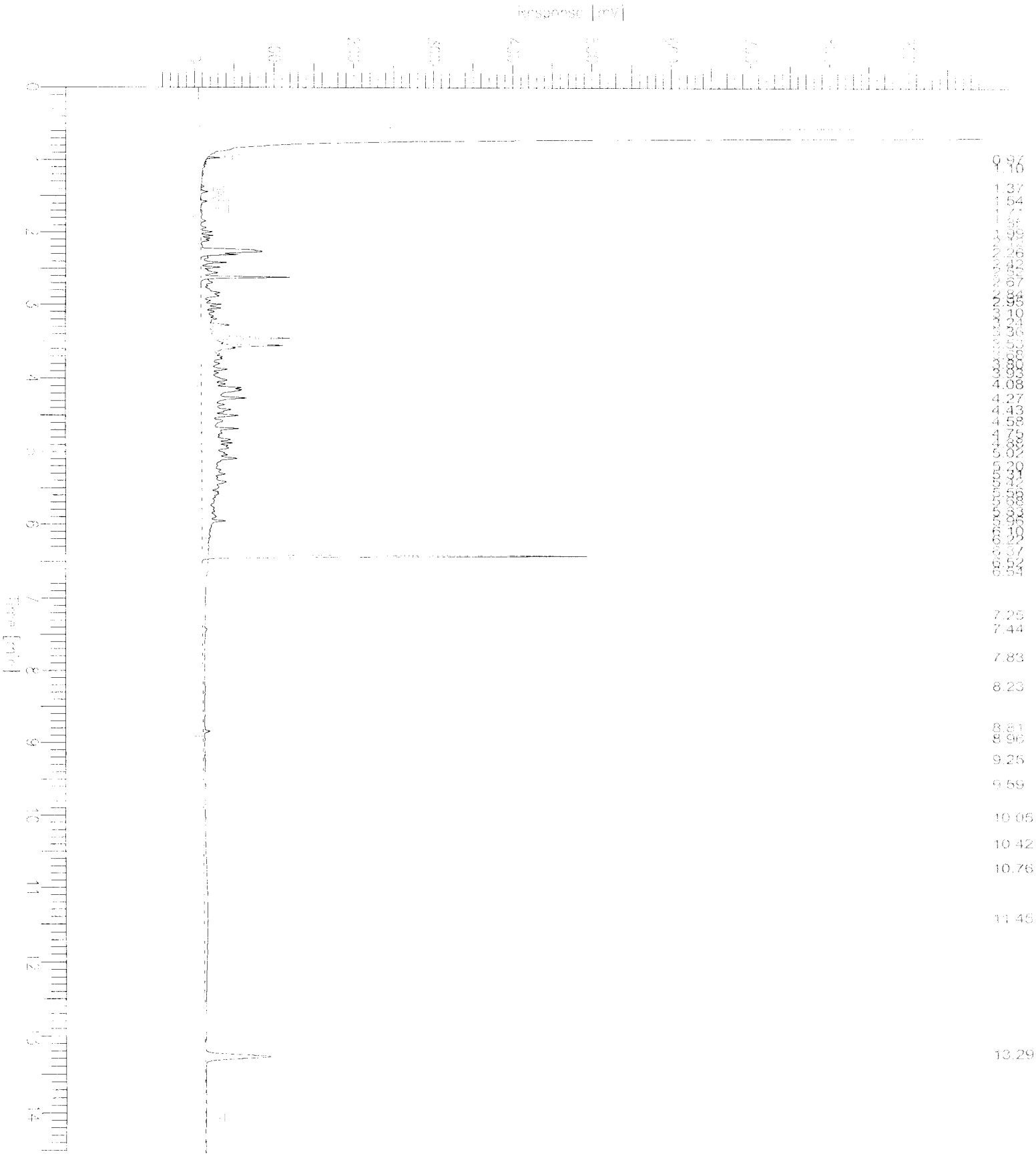
= 1182.78

Report stored in ASCII file: H:\TC4\AUTOFID2\JUNE\3GEA041.TX0

Chromatogram

Sample Name : B706062 04
FileName : H:\TC4\AUTOFID2\JUNE\3GEA041.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: -45 mV

Sample #: 41 Page 1 of 1
Date : 7/11/07 10:21 AM
Time of Injection: 7/11/07 1:15 AM
Low Point : -44.50 mV High Point : 993.88 mV
Plot Scale: 1038.4 mV



Software Version: 4.1<1L22>
Sample Name : B706062-05 Time : 7/11/07 09:30 AM
Sample Number: 42 Study : FLPRO W
Operator : PL

Instrument : JSVGCFID2 Channel : A A/D mV Range : 1000
AutoSampler : BUILT-IN
Rack/Vial : 0/42

Interface Serial # : NONE Data Acquisition Time: 7/11/07 01:38 AM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : C:\TC4\AUTOFID2\JUNE\3GEA042.RAW
Result File : C:\WINDOWS\TEMP\~RST0F0A.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from C:\WINDOWS\TEMP\~RST0F0A.RST
Proc Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Calib Method : C:\TC4\AUTOFID2\FLSUR3CM.MTH
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A): Rtx-5 30mx0.53x0.50
Flp Surr Analysis Curve (flsur3CM on 03-18-07)
50 ppb O-Terphenyl / 100 ppb c-39, Injection volume = 1.0 ul

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
1	6.446	O-Terphenyl (surr)	747736.35	104.4906	104.4906
2	13.297	Nonatriacontane (sur	326763.23	77.6908	77.6908
			1074499.58	182.1814	182.1814

Report stored in ASCII file: C:\WINDOWS\TEMP\~RST0F0A.TX0

Software Version: 4.1<1L22>
Sample Name : B706062-05
Sample Number: 42
Operator : PL

Time : 7/11/07 10:25 AM
Study : FLPRO W

Instrument : JSVGCFID2
AutoSampler : BUILT-IN
Rack/Vial : 0/42

Channel : A A/D mV Range : 1000

Interface Serial # : NONE Data Acquisition Time: 7/11/07 1:38 AM
Delay Time : 0.00 min.
End Time : 14.99 min.
Sampling Rate : 3.1250 pts/sec

Raw Data File : H:\TC4\AUTOFID2\JUNE\3GEA042.RAW
Result File : H:\TC4\AUTOFID2\JUNE\3GEA042.RST
Inst Method : C:\TC4\AUTOFID2\FLPRO2 from H:\TC4\AUTOFID2\JUNE\3GEA042.RST
Proc Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA042.RST
Calib Method : C:\TC4\AUTOFID2\FLP3CM from H:\TC4\AUTOFID2\JUNE\3GEA042.RST
Sequence File : C:\TC4\SEQUEN~1\3GE.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

==========
PRIMARY COLUMN (DETECTOR A):Rtx-5 30mx0.53x0.5 Flp Analysis Curve (flp3CM on 03-18-07)
50 ppb O-Terphenyl and 100 ppb c-39 (surr's) 1700 ppb LCS and 1700 ppb CVS
Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [mg/L]	Adjusted Amount mg/L
	7.46	TPH (C8-C40)	1214181	210.1	210.1
0	15.50	O-Terphenyl	0	0.0	0.0
0	16.00	Nonatriacontane	0	0.0	0.0
			1214181	210.1	210.1

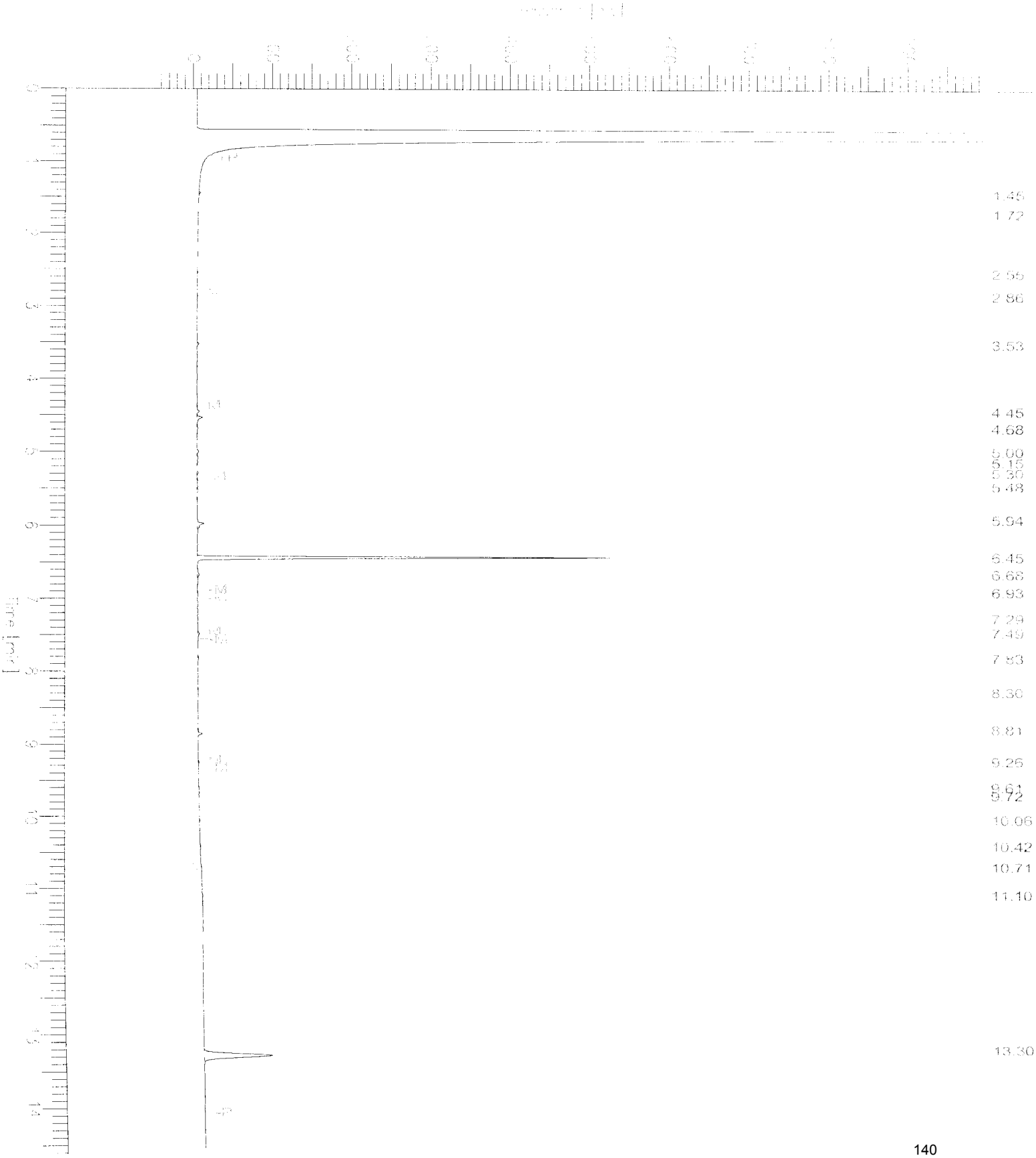
= 24.16

Report stored in ASCII file: H:\TC4\AUTOFID2\JUNE\3GEA042.TX0

Chromatogram

Sample Name : B706062-05
FileName : H:\TC4\AUTOFID2\JUNE\3GEA042.RAW
Method :
Start Time : 0.00 min End Time : 14.99 min
Scale Factor: 1.0 Plot Offset: -45 mV

Sample #: 42 Page 1 of 1
Date : 7/11/07 10:25 AM
Time of Injection: 7/11/07 1:38 AM
Low Point : -44.52 mV High Point : 993.88 mV
Plot Scale: 1038.4 mV



PREP LOGS

PREPARATION BENCH SHEET

Printed: 7/9/2007 7:25:56AM

Analysis
FLPRO

7G09001

ENCO Jacksonville

Prepared using: EPA 3510C

Surrogate Solution
B7G0042 FLPRO- FLPRO Surrogate

Spiking Solution
B7G0041 Flpro - Flpro Spike

Matrix: Water

Lab Number	Code	Sample ID, Source and Sample Location	Due Date	Analysis	Prepared	Initial (mL)	Final (mL)	ul Spike	ul Surrogate	pH adj	Extraction Comments
7G09001-BLK1		Blank		QC	7-9-07	1000	1.0	0	1000		
7G09001-BS1		LCS		QC				1000	1000		
7G09001-MS1		Matrix Spike [B706062-01]		QC				1000	1000		
7G09001-MSD1		Matrix Spike Dup [B706062-01]		QC				1000	1000		
B705885-01	D	JAX25-MW13-20070705 B[E21]	12-Jul-07	FLPRO					1000		
B705885-02	D	JAX25-MW04-20070705 B[E21]	12-Jul-07	FLPRO					1000		
B705885-03	D	JAX25-MW12-20070705 B[E21]	12-Jul-07	FLPRO					1000		
B705885-04	D	JAX25-MW03-20070705 B[E21]	12-Jul-07	FLPRO					1000		
B705885-05	D	JAX25-MW07-20070705 B[E21]	12-Jul-07	FLPRO					1000		
B705885-06	D	JAX25-MW01-20070705 B[E21]	12-Jul-07	FLPRO					1000		
B705885-07	D	JAX25-MW02-20070705 B[E21]	12-Jul-07	FLPRO					1000		
B705885-08	D	JAX25-MW11-20070705 B[E21]	12-Jul-07	FLPRO					1000		
B706062-01	D	JAX25-MW14-20070706 D[E22]	13-Jul-07	FLPRO					1000		
B706062-02	D	JAX25-MW15-20070706 B[E22]	13-Jul-07	FLPRO					1000		
B706062-03	D	JAX25-MW09-20070706 B[E22]	13-Jul-07	FLPRO					1000		
B706062-04	D	JAX25-DUP-20070706 B[E22]	13-Jul-07	FLPRO					1000		
B706062-05	D	JAX25-MW05-20070706 A[E22]	13-Jul-07	FLPRO					1000		

142

Spiking Witnessed By Date

MKG 7-9-07
Preparation Reviewed By Date

Extracts Received By Date

PREPARATION BENCH SHEET

Printed: 7/9/2007 7:25:56AM

7G09001

ENCO Jacksonville

Analysis
FLPRO

Prepared using: EPA 3510C

Surrogate Solution
B7G0042 FLPRO- FLPRO Surrogate

Spiking Solution
B7G0041 Flpro - Flpro Spike

Matrix: Water

Lab Number	Code	Sample ID, Source and Sample Location	Due Date	Analysis	Prepared	Initial (mL)	Final (mL)	ul Spike	ul Surrogate	pH adj	Extraction Comments

Start Date/Time _____

StopDate/Time _____

Standard ID#	Description	Manufacture Lot#
B7D0073	SODIUM SULFATE	Solvent Lot #
B7D0188	SILICA GEL	Solvent Lot #
B7G0031	Methylene Chloride Tank	62756

143

Spiking Witnessed By _____ Date _____

Preparation Reviewed By _____ Date 7-9-07

Extracts Received By _____ Date _____

ENCO Jacksonville

SDG: BR006-024

CLASS: GCMS

METHOD: EPA 8260B

ANALYSES DATA PACKAGE COVER PAGE

EPA 8260B

Laboratory: ENCO Jacksonville

SDG: BR006-024

Client: Tetra Tech NUS (BR006)

Project: Naval Air Station CTO 252

Client Sample Id:	Lab Sample Id:
JAX25-MW13-20070705	B705885-01
JAX25-MW04-20070705	B705885-02
JAX25-MW12-20070705	B705885-03
JAX25-MW12-20070705	B705885-03RE1
JAX25-MW03-20070705	B705885-04
JAX25-MW07-20070705	B705885-05
JAX25-MW01-20070705	B705885-06
JAX25-MW01-20070705	B705885-06RE1
JAX25-MW02-20070705	B705885-07
JAX25-MW02-20070705	B705885-07RE1
JAX25-MW11-20070705	B705885-08
JAX25-MW11-20070705	B705885-08RE1
JAX25-MW14-20070706	B706062-01
JAX25-MW15-20070706	B706062-02
JAX25-MW15-20070706	B706062-02RE1
JAX25-MW09-20070706	B706062-03
JAX25-DUP-20070706	B706062-04
JAX25-MW05-20070706	B706062-05
Trip Blank	B706062-06
Trip Blank	B706062-07
Trip Blank	B706062-07RE1

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature: _____

Name: Christina Tompkins

Date: 7/17/07

Title: Project Manager

METHOD DETECTION AND REPORTING LIMITS

EPA 8260B

Laboratory: ENCO Jacksonville **SDG:** BR006-024

Client: Tetra Tech NUS (BR006) **Project:** Naval Air Station CTO 252

Matrix: Water **Instrument:** JVGCMS2

Analyte	MDL	MRL	Units
Chloromethane	0.30	1	ug/L
Vinyl chloride	0.40	1	ug/L
Bromomethane	0.60	1	ug/L
Chloroethane	0.30	1	ug/L
1,1-Dichloroethene	0.20	1	ug/L
Methylene chloride	2	2	ug/L
Methyl-tert-Butyl Ether	0.20	10	ug/L
trans-1,2-Dichloroethene	0.20	1	ug/L
cis-1,2-Dichloroethene	0.20	1	ug/L
1,1-Dichloroethane	0.20	1	ug/L
Chloroform	0.20	1	ug/L
1,1,1-Trichloroethane	0.30	1	ug/L
Carbon tetrachloride	0.30	1	ug/L
1,2-Dichloroethane	0.10	1	ug/L
Benzene	0.20	1	ug/L
Trichloroethene	0.30	1	ug/L
1,2-Dichloropropane	0.40	1	ug/L
Bromodichloromethane	0.20	1	ug/L
2-Chloroethyl Vinyl Ether	0.80	1	ug/L
cis-1,3-Dichloropropene	0.10	1	ug/L
Toluene	0.20	1	ug/L
trans-1,3-Dichloropropene	0.20	1	ug/L
1,1,2-Trichloroethane	0.30	1	ug/L
Tetrachloroethene	0.30	1	ug/L
Dibromochloromethane	0.20	1	ug/L
Chlorobenzene	0.20	1	ug/L
Ethylbenzene	0.30	1	ug/L
m,p-Xylenes	0.30	1	ug/L
o-Xylene	0.20	1	ug/L
Bromoform	0.20	1	ug/L
1,1,2,2-Tetrachloroethane	0.20	1	ug/L
1,3-Dichlorobenzene	0.20	1	ug/L
1,4-Dichlorobenzene	0.10	1	ug/L
1,2-Dichlorobenzene	0.20	1	ug/L
Xylenes (Total)	0.30	1	ug/L

PREPARATION BATCH SUMMARY

EPA 8260B

Laboratory: ENCO Jacksonville SDG: BR006-024

Client: Tetra Tech NUS (BR006) Project: Naval Air Station CTO 252

Batch: 7G12008 Batch Matrix: Water Preparation: EPA 5030B_MS

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
Blank	7G12008-BLK1	11GF024.D	07/11/07 09:00	
Blank	7G12008-BLK3	11GK006.D	07/16/07 09:00	
LCS	7G12008-BS1	11GF025.D	07/11/07 09:00	
JAX25-MW14-20070706	7G12008-MS1	11GF026.D	07/11/07 09:00	
JAX25-MW14-20070706	7G12008-MSD1	11GF027.D	07/11/07 09:00	
JAX25-MW13-20070705	B705885-01	11GF036.D	07/11/07 09:00	
JAX25-MW04-20070705	B705885-02	11GF037.D	07/11/07 09:00	
JAX25-MW12-20070705	B705885-03	11GF038.D	07/11/07 09:00	
JAX25-MW12-20070705	B705885-03RE1	11GK017.D	07/11/07 09:00	Added 7/17/2007 by DS
JAX25-MW03-20070705	B705885-04	11GF039.D	07/11/07 09:00	
JAX25-MW07-20070705	B705885-05	11GF040.D	07/11/07 09:00	
JAX25-MW01-20070705	B705885-06	11GF041.D	07/11/07 09:00	
JAX25-MW01-20070705	B705885-06RE1	11GK020.D	07/11/07 09:00	Added 7/17/2007 by DS
JAX25-MW02-20070705	B705885-07	11GF042.D	07/11/07 09:00	
JAX25-MW02-20070705	B705885-07RE1	11GK018.D	07/11/07 09:00	Added 7/17/2007 by DS
JAX25-MW11-20070705	B705885-08	11GG009.D	07/11/07 09:00	
JAX25-MW11-20070705	B705885-08RE1	11GK019.D	07/11/07 09:00	Added 7/17/2007 by DS
JAX25-MW14-20070706	B706062-01	11GF029.D	07/11/07 09:00	Use this sample as the MS/MSD
JAX25-MW15-20070706	B706062-02	11GF032.D	07/11/07 09:00	
JAX25-MW15-20070706	B706062-02RE1	11GK016.D	07/11/07 09:00	Added 7/17/2007 by DS
JAX25-MW09-20070706	B706062-03	11GF033.D	07/11/07 09:00	
JAX25-DUP-20070706	B706062-04	11GF034.D	07/11/07 09:00	
JAX25-MW05-20070706	B706062-05	11GF035.D	07/11/07 09:00	
Trip Blank	B706062-06	11GF030.D	07/11/07 09:00	
Trip Blank	B706062-07	11GF031.D	07/11/07 09:00	
Trip Blank	B706062-07RE1	11GK015.D	07/11/07 09:00	Added 7/17/2007 by DS

ANALYSIS BATCH (SEQUENCE) SUMMARY
EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Sequence:	BA00966	Instrument:	JVGCMS2
Matrix:	Water	Calibration:	0707006

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	BA00966-TUN1	11GF020.D	07/12/07 01:20
Calibration Check	BA00966-CCV1	11GF022.D	07/12/07 02:24
Blank	7G12008-BLK1	11GF024.D	07/12/07 03:29
LCS	7G12008-BS1	11GF025.D	07/12/07 04:01
JAX25-MW14-20070706	7G12008-MS1	11GF026.D	07/12/07 04:33
JAX25-MW14-20070706	7G12008-MSD1	11GF027.D	07/12/07 05:06
JAX25-MW14-20070706	B706062-01	11GF029.D	07/12/07 06:10
Trip Blank	B706062-06	11GF030.D	07/12/07 06:43
Trip Blank	B706062-07	11GF031.D	07/12/07 07:15
JAX25-MW15-20070706	B706062-02	11GF032.D	07/12/07 07:47
JAX25-MW09-20070706	B706062-03	11GF033.D	07/12/07 08:20
JAX25-DUP-20070706	B706062-04	11GF034.D	07/12/07 08:52
JAX25-MW05-20070706	B706062-05	11GF035.D	07/12/07 09:24
JAX25-MW13-20070705	B705885-01	11GF036.D	07/12/07 09:56
JAX25-MW04-20070705	B705885-02	11GF037.D	07/12/07 10:29
JAX25-MW12-20070705	B705885-03	11GF038.D	07/12/07 11:01
JAX25-MW03-20070705	B705885-04	11GF039.D	07/12/07 11:33
JAX25-MW07-20070705	B705885-05	11GF040.D	07/12/07 12:05
JAX25-MW01-20070705	B705885-06	11GF041.D	07/12/07 12:38
JAX25-MW02-20070705	B705885-07	11GF042.D	07/12/07 13:10
JAX25-MW11-20070705	B705885-08	11GG009.D	07/12/07 19:49
MS Tune	BA00966-TUN3	11GK001.D	07/16/07 10:56
Calibration Check	BA00966-CCV3	11GK003.D	07/16/07 12:02
Blank	7G12008-BLK3	11GK006.D	07/16/07 13:44
Trip Blank	B706062-07RE1	11GK015.D	07/16/07 18:34
JAX25-MW15-20070706	B706062-02RE1	11GK016.D	07/16/07 19:06
JAX25-MW12-20070705	B705885-03RE1	11GK017.D	07/16/07 19:38
JAX25-MW02-20070705	B705885-07RE1	11GK018.D	07/16/07 20:10
JAX25-MW11-20070705	B705885-08RE1	11GK019.D	07/16/07 20:42
JAX25-MW01-20070705	B705885-06RE1	11GK020.D	07/16/07 21:15

ANALYSIS BATCH (SEQUENCE) SUMMARY
EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Sequence:	BA00970	Instrument:	JVGCMS2
Matrix:	Water	Calibration:	UNASSIGNED

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	BA00970-TUN1	11GF001.D	07/11/07 15:08
Initial Cal Blank	BA00970-ICB1	11GF002.D	07/11/07 15:41
Cal Standard	BA00970-CAL1	11GF004.D	07/11/07 16:45
Cal Standard	BA00970-CAL2	11GF006.D	07/11/07 17:49
Cal Standard	BA00970-CAL3	11GF007.D	07/11/07 18:21
Cal Standard	BA00970-CAL4	11GF008.D	07/11/07 18:54
Cal Standard	BA00970-CAL5	11GF009.D	07/11/07 19:26
Cal Standard	BA00970-CAL6	11GF011.D	07/11/07 20:30
Cal Standard	BA00970-CAL7	11GF014.D	07/11/07 22:07
Secondary Cal Check	BA00970-SCV2	11GF018.D	07/12/07 00:16

HOLDING TIME SUMMARY
EPA 8260B

Laboratory: ENCO Jacksonville SDG: BR006-024

Client: Tetra Tech NUS (BR006) Project: Naval Air Station CTO 252

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	O
JAX25-MW13-20070705	07/05/07 11:56	07/05/07 16:20	07/11/07 09:00	5.88	NA	07/12/07 09:56	7.00	14.00	
JAX25-MW04-20070705	07/05/07 13:00	07/05/07 16:20	07/11/07 09:00	5.83	NA	07/12/07 10:29	7.00	14.00	
JAX25-MW12-20070705	07/05/07 14:57	07/05/07 16:20	07/11/07 09:00	5.75	NA	07/12/07 11:01	7.00	14.00	
JAX25-MW12-20070705	07/05/07 14:57	07/05/07 16:20	07/11/07 09:00	5.75	NA	07/16/07 19:38	11.00	14.00	
JAX25-MW03-20070705	07/05/07 14:07	07/05/07 16:20	07/11/07 09:00	5.79	NA	07/12/07 11:33	7.00	14.00	
JAX25-MW07-20070705	07/05/07 11:50	07/05/07 16:20	07/11/07 09:00	5.88	NA	07/12/07 12:05	7.00	14.00	
JAX25-MW01-20070705	07/05/07 12:59	07/05/07 16:20	07/11/07 09:00	5.83	NA	07/12/07 12:38	7.00	14.00	
JAX25-MW01-20070705	07/05/07 12:59	07/05/07 16:20	07/11/07 09:00	5.83	NA	07/16/07 21:15	11.00	14.00	
JAX25-MW02-20070705	07/05/07 14:12	07/05/07 16:20	07/11/07 09:00	5.78	NA	07/12/07 13:10	7.00	14.00	
JAX25-MW02-20070705	07/05/07 14:12	07/05/07 16:20	07/11/07 09:00	5.78	NA	07/16/07 20:10	11.00	14.00	
JAX25-MW11-20070705	07/05/07 15:09	07/05/07 16:20	07/11/07 09:00	5.74	NA	07/12/07 19:49	7.00	14.00	
JAX25-MW11-20070705	07/05/07 15:09	07/05/07 16:20	07/11/07 09:00	5.74	NA	07/16/07 20:42	11.00	14.00	
JAX25-MW14-20070706	07/06/07 10:20	07/06/07 13:00	07/11/07 09:00	4.94	NA	07/12/07 06:10	6.00	14.00	
JAX25-MW15-20070706	07/06/07 11:49	07/06/07 13:00	07/11/07 09:00	4.88	NA	07/12/07 07:47	6.00	14.00	
JAX25-MW15-20070706	07/06/07 11:49	07/06/07 13:00	07/11/07 09:00	4.88	NA	07/16/07 19:06	10.00	14.00	
JAX25-MW09-20070706	07/06/07 10:42	07/06/07 13:00	07/11/07 09:00	4.93	NA	07/12/07 08:20	6.00	14.00	
JAX25-DUP-20070706	07/06/07 00:00	07/06/07 13:00	07/11/07 09:00	5.38	NA	07/12/07 08:52	6.00	14.00	
JAX25-MW05-20070706	07/06/07 11:54	07/06/07 13:00	07/11/07 09:00	4.88	NA	07/12/07 09:24	6.00	14.00	
Trip Blank	07/06/07 00:00	07/06/07 13:00	07/11/07 09:00	5.38	NA	07/12/07 06:43	6.00	14.00	
Trip Blank	07/06/07 00:00	07/06/07 13:00	07/11/07 09:00	5.38	NA	07/12/07 07:15	6.00	14.00	
Trip Blank	07/06/07 00:00	07/06/07 13:00	07/11/07 09:00	5.38	NA	07/16/07 18:34	11.00	14.00	

ORGANIC ANALYSIS DATA SHEET

EPA 8260B

JAX25-MW13-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-01	File ID:	11GF036.D
Sampled:	07/05/07 11:56	Prepared:	07/11/07 09:00	Analyzed:	07/12/07 09:56
Solids:		Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

Batch: 7G12008 Sequence: BA00966 Calibration: 0707006 Instrument: JVGCMS2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
74-87-3	Chloromethane	1	0.30	U	0.30	1.0
75-01-4	Vinyl chloride	1	0.40	U	0.40	1.0
74-83-9	Bromomethane	1	0.60	U	0.60	1.0
75-00-3	Chloroethane	1	0.30	U	0.30	1.0
75-35-4	1,1-Dichloroethene	1	0.20	U	0.20	1.0
75-09-2	Methylene chloride	1	2.0	U	2.0	2.0
1634-04-4	Methyl-tert-Butyl Ether	1	0.20	U	0.20	10
156-60-5	trans-1,2-Dichloroethene	1	0.20	U	0.20	1.0
156-59-2	cis-1,2-Dichloroethene	1	0.20	U	0.20	1.0
75-34-3	1,1-Dichloroethane	1	0.30	I	0.20	1.0
67-66-3	Chloroform	1	0.20	U	0.20	1.0
71-55-6	1,1,1-Trichloroethane	1	0.30	U	0.30	1.0
56-23-5	Carbon tetrachloride	1	0.30	U	0.30	1.0
107-06-2	1,2-Dichloroethane	1	0.10	U	0.10	1.0
71-43-2	Benzene	1	0.20	U	0.20	1.0
79-01-6	Trichloroethene	1	0.30	U	0.30	1.0
78-87-5	1,2-Dichloropropane	1	0.40	U	0.40	1.0
75-27-4	Bromodichloromethane	1	0.20	U	0.20	1.0
110-75-8	2-Chloroethyl Vinyl Ether	1	0.80	U	0.80	1.0
10061-01-5	cis-1,3-Dichloropropene	1	0.10	U	0.10	1.0
108-88-3	Toluene	1	0.20	U	0.20	1.0
10061-02-6	trans-1,3-Dichloropropene	1	0.20	U	0.20	1.0
79-00-5	1,1,2-Trichloroethane	1	0.30	U	0.30	1.0
127-18-4	Tetrachloroethene	1	0.30	U	0.30	1.0
124-48-1	Dibromochloromethane	1	0.20	U	0.20	1.0
108-90-7	Chlorobenzene	1	0.20	U	0.20	1.0
100-41-4	Ethylbenzene	1	0.30	U	0.30	1.0
75-25-2	Bromoform	1	0.20	U	0.20	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1	0.20	U	0.20	1.0
541-73-1	1,3-Dichlorobenzene	1	0.20	U	0.20	1.0
106-46-7	1,4-Dichlorobenzene	1	0.10	U	0.10	1.0
95-50-1	1,2-Dichlorobenzene	1	0.20	U	0.20	1.0
NA	Xylenes (Total)	1	0.30	U	0.30	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	50.0	57	113	85 - 115	
Toluene-d8	50.0	46	93	85 - 120	
4-Bromofluorobenzene	50.0	52	104	75 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Pentafluorobenzene	693649	8.79	844622	8.8	

ORGANIC ANALYSIS DATA SHEET

EPA 8260B

JAX25-MW13-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-01	File ID:	11GF036.D
Sampled:	07/05/07 11:56	Prepared:	07/11/07 09:00	Analyzed:	07/12/07 09:56
Solids:		Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

Batch:	7G12008	Sequence:	BA00966	Calibration:	0707006	Instrument:	JVGCMS2

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Difluorobenzene	1130807	9.44	1459855	9.44	
Chlorobenzene-d5	880719	13.01	1396231	13.01	
1,4-Dichlorobenzene-d4	428413	16.1	787783	16.1	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8260B

JAX25-MW04-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-02	File ID:	11GF037.D
Sampled:	07/05/07 13:00	Prepared:	07/11/07 09:00	Analyzed:	07/12/07 10:29
Solids:		Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

Batch: 7G12008 Sequence: BA00966 Calibration: 0707006 Instrument: JVGCMS2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
74-87-3	Chloromethane	1	0.30	U	0.30	1.0
75-01-4	Vinyl chloride	1	0.40	U	0.40	1.0
74-83-9	Bromomethane	1	0.60	U	0.60	1.0
75-00-3	Chloroethane	1	0.30	U	0.30	1.0
75-35-4	1,1-Dichloroethene	1	0.20	U	0.20	1.0
75-09-2	Methylene chloride	1	2.0	U	2.0	2.0
1634-04-4	Methyl-tert-Butyl Ether	1	0.20	U	0.20	10
156-60-5	trans-1,2-Dichloroethene	1	0.20	U	0.20	1.0
156-59-2	cis-1,2-Dichloroethene	1	0.20	U	0.20	1.0
75-34-3	1,1-Dichloroethane	1	0.20	U	0.20	1.0
67-66-3	Chloroform	1	0.20	U	0.20	1.0
71-55-6	1,1,1-Trichloroethane	1	0.30	U	0.30	1.0
56-23-5	Carbon tetrachloride	1	0.30	U	0.30	1.0
107-06-2	1,2-Dichloroethane	1	0.10	U	0.10	1.0
71-43-2	Benzene	1	0.20	U	0.20	1.0
79-01-6	Trichloroethene	1	0.30	U	0.30	1.0
78-87-5	1,2-Dichloropropane	1	0.40	U	0.40	1.0
75-27-4	Bromodichloromethane	1	0.20	U	0.20	1.0
110-75-8	2-Chloroethyl Vinyl Ether	1	0.80	U	0.80	1.0
10061-01-5	cis-1,3-Dichloropropene	1	0.10	U	0.10	1.0
108-88-3	Toluene	1	0.20	U	0.20	1.0
10061-02-6	trans-1,3-Dichloropropene	1	0.20	U	0.20	1.0
79-00-5	1,1,2-Trichloroethane	1	0.30	U	0.30	1.0
127-18-4	Tetrachloroethene	1	0.30	U	0.30	1.0
124-48-1	Dibromochloromethane	1	0.20	U	0.20	1.0
108-90-7	Chlorobenzene	1	0.20	U	0.20	1.0
100-41-4	Ethylbenzene	1	0.35	I	0.30	1.0
75-25-2	Bromoform	1	0.20	U	0.20	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1	0.20	U	0.20	1.0
541-73-1	1,3-Dichlorobenzene	1	0.20	U	0.20	1.0
106-46-7	1,4-Dichlorobenzene	1	0.10	U	0.10	1.0
95-50-1	1,2-Dichlorobenzene	1	0.20	U	0.20	1.0
NA	Xylenes (Total)	1	0.30	U	0.30	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	50.0	57	114	85 - 115	
Toluene-d8	50.0	47	94	85 - 120	
4-Bromofluorobenzene	50.0	57	114	75 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Pentafluorobenzene	655658	8.79	844622	8.8	

ORGANIC ANALYSIS DATA SHEET

EPA 8260B

JAX25-MW04-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-02	File ID:	11GF037.D
Sampled:	07/05/07 13:00	Prepared:	07/11/07 09:00	Analyzed:	07/12/07 10:29
Solids:		Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

Batch: 7G12008 Sequence: BA00966 Calibration: 0707006 Instrument: JVGCMS2

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Difluorobenzene	1062584	9.44	1459855	9.44	
Chlorobenzene-d5	867757	13.01	1396231	13.01	
1,4-Dichlorobenzene-d4	468065	16.1	787783	16.1	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8260B

JAX25-MW12-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-03	File ID:	11GF038.D
Sampled:	07/05/07 14:57	Prepared:	07/11/07 09:00	Analyzed:	07/12/07 11:01
Solids:		Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

Batch: 7G12008 Sequence: BA00966 Calibration: 0707006 Instrument: JVGCMS2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
74-87-3	Chloromethane	1	0.30	U	0.30	1.0
75-01-4	Vinyl chloride	1	0.40	U	0.40	1.0
74-83-9	Bromomethane	1	0.60	U	0.60	1.0
75-00-3	Chloroethane	1	0.30	U	0.30	1.0
75-35-4	1,1-Dichloroethene	1	0.20	U	0.20	1.0
75-09-2	Methylene chloride	1	2.0	U	2.0	2.0
1634-04-4	Methyl-tert-Butyl Ether	1	0.20	U	0.20	10
156-60-5	trans-1,2-Dichloroethene	1	0.20	U	0.20	1.0
156-59-2	cis-1,2-Dichloroethene	1	0.20	U	0.20	1.0
75-34-3	1,1-Dichloroethane	1	0.20	U	0.20	1.0
67-66-3	Chloroform	1	0.20	U	0.20	1.0
71-55-6	1,1,1-Trichloroethane	1	0.30	U	0.30	1.0
56-23-5	Carbon tetrachloride	1	0.30	U	0.30	1.0
107-06-2	1,2-Dichloroethane	1	0.10	U	0.10	1.0
71-43-2	Benzene	1	0.20	U	0.20	1.0
79-01-6	Trichloroethene	1	0.30	U	0.30	1.0
78-87-5	1,2-Dichloropropane	1	0.40	U	0.40	1.0
75-27-4	Bromodichloromethane	1	0.20	U	0.20	1.0
110-75-8	2-Chloroethyl Vinyl Ether	1	0.80	U	0.80	1.0
10061-01-5	cis-1,3-Dichloropropene	1	0.10	U	0.10	1.0
108-88-3	Toluene	1	0.20	U	0.20	1.0
10061-02-6	trans-1,3-Dichloropropene	1	0.20	U	0.20	1.0
79-00-5	1,1,2-Trichloroethane	1	0.30	U	0.30	1.0
127-18-4	Tetrachloroethene	1	0.30	U	0.30	1.0
124-48-1	Dibromochloromethane	1	0.20	U	0.20	1.0
108-90-7	Chlorobenzene	1	0.20	U	0.20	1.0
100-41-4	Ethylbenzene	1	0.30	U	0.30	1.0
75-25-2	Bromoform	1	0.20	U	0.20	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1	0.20	U	0.20	1.0
NA	Xylenes (Total)	1	0.30	U	0.30	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	50.0	58	115	85 - 115	
Toluene-d8	50.0	49	98	85 - 120	
4-Bromofluorobenzene	50.0	51	102	75 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Pentafluorobenzene	621067	8.8	844622	8.8	
1,4-Difluorobenzene	980743	9.44	1459855	9.44	
Chlorobenzene-d5	808436	13.01	1396231	13.01	
1,4-Dichlorobenzene-d4	387519	16.11	787783	16.1	*

ORGANIC ANALYSIS DATA SHEET

EPA 8260B

JAX25-MW12-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-03RE1	File ID:	11GK017.D
Sampled:	07/05/07 14:57	Prepared:	07/11/07 09:00	Analyzed:	07/16/07 19:38
Solids:		Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

Batch: 7G12008 Sequence: BA00966 Calibration: 0707006 Instrument: JVGCMS2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
541-73-1	1,3-Dichlorobenzene	1	0.20	U	0.20	1.0
106-46-7	1,4-Dichlorobenzene	1	0.10	U	0.10	1.0
95-50-1	1,2-Dichlorobenzene	1	0.20	U	0.20	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	50.0	53	107	85 - 115	
Toluene-d8	50.0	45	89	85 - 120	
4-Bromofluorobenzene	50.0	51	103	75 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Pentafluorobenzene	887314	8.79	844622	8.8	
1,4-Difluorobenzene	1338767	9.44	1459855	9.44	
Chlorobenzene-d5	960384	13.01	1396231	13.01	
1,4-Dichlorobenzene-d4	490603	16.1	787783	16.1	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8260B

JAX25-MW03-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-04	File ID:	11GF039.D
Sampled:	07/05/07 14:07	Prepared:	07/11/07 09:00	Analyzed:	07/12/07 11:33
Solids:		Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

Batch: 7G12008 Sequence: BA00966 Calibration: 0707006 Instrument: JVGCMS2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
74-87-3	Chloromethane	1	0.30	U	0.30	1.0
75-01-4	Vinyl chloride	1	0.40	U	0.40	1.0
74-83-9	Bromomethane	1	0.60	U	0.60	1.0
75-00-3	Chloroethane	1	0.30	U	0.30	1.0
75-35-4	1,1-Dichloroethene	1	0.20	U	0.20	1.0
75-09-2	Methylene chloride	1	2.0	U	2.0	2.0
1634-04-4	Methyl-tert-Butyl Ether	1	0.20	U	0.20	10
156-60-5	trans-1,2-Dichloroethene	1	0.20	U	0.20	1.0
156-59-2	cis-1,2-Dichloroethene	1	0.20	U	0.20	1.0
75-34-3	1,1-Dichloroethane	1	0.20	U	0.20	1.0
67-66-3	Chloroform	1	0.20	U	0.20	1.0
71-55-6	1,1,1-Trichloroethane	1	0.30	U	0.30	1.0
56-23-5	Carbon tetrachloride	1	0.30	U	0.30	1.0
107-06-2	1,2-Dichloroethane	1	0.10	U	0.10	1.0
71-43-2	Benzene	1	0.88	I	0.20	1.0
79-01-6	Trichloroethene	1	0.30	U	0.30	1.0
78-87-5	1,2-Dichloropropane	1	0.40	U	0.40	1.0
75-27-4	Bromodichloromethane	1	0.20	U	0.20	1.0
110-75-8	2-Chloroethyl Vinyl Ether	1	0.80	U	0.80	1.0
10061-01-5	cis-1,3-Dichloropropene	1	0.10	U	0.10	1.0
108-88-3	Toluene	1	0.60	I	0.20	1.0
10061-02-6	trans-1,3-Dichloropropene	1	0.20	U	0.20	1.0
79-00-5	1,1,2-Trichloroethane	1	0.30	U	0.30	1.0
127-18-4	Tetrachloroethene	1	0.30	U	0.30	1.0
124-48-1	Dibromochloromethane	1	0.20	U	0.20	1.0
108-90-7	Chlorobenzene	1	0.20	U	0.20	1.0
100-41-4	Ethylbenzene	1	3.9		0.30	1.0
75-25-2	Bromoform	1	0.20	U	0.20	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1	0.20	U	0.20	1.0
541-73-1	1,3-Dichlorobenzene	1	0.20	U	0.20	1.0
106-46-7	1,4-Dichlorobenzene	1	0.10	U	0.10	1.0
95-50-1	1,2-Dichlorobenzene	1	0.20	U	0.20	1.0
NA	Xylenes (Total)	1	0.66	I	0.30	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	50.0	55	109	85 - 115	
Toluene-d8	50.0	50	101	85 - 120	
4-Bromofluorobenzene	50.0	58	117	75 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Pentafluorobenzene	641993	8.8	844622	8.8	

ORGANIC ANALYSIS DATA SHEET

EPA 8260B

JAX25-MW03-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-04	File ID:	11GF039.D
Sampled:	07/05/07 14:07	Prepared:	07/11/07 09:00	Analyzed:	07/12/07 11:33
Solids:		Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

Batch:	7G12008	Sequence:	BA00966	Calibration:	0707006	Instrument:	JVGCMS2

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Difluorobenzene	1038840	9.44	1459855	9.44	
Chlorobenzene-d5	950453	13.01	1396231	13.01	
1,4-Dichlorobenzene-d4	575720	16.11	787783	16.1	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8260B

JAX25-MW07-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-05	File ID:	11GF040.D
Sampled:	07/05/07 11:50	Prepared:	07/11/07 09:00	Analyzed:	07/12/07 12:05
Solids:		Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

Batch: 7G12008 Sequence: BA00966 Calibration: 0707006 Instrument: JVGCMS2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
74-87-3	Chloromethane	1	0.30	U	0.30	1.0
75-01-4	Vinyl chloride	1	0.40	U	0.40	1.0
74-83-9	Bromomethane	1	0.60	U	0.60	1.0
75-00-3	Chloroethane	1	0.30	U	0.30	1.0
75-35-4	1,1-Dichloroethene	1	0.20	U	0.20	1.0
75-09-2	Methylene chloride	1	2.0	U	2.0	2.0
1634-04-4	Methyl-tert-Butyl Ether	1	0.20	U	0.20	10
156-60-5	trans-1,2-Dichloroethene	1	0.20	U	0.20	1.0
156-59-2	cis-1,2-Dichloroethene	1	0.30	I	0.20	1.0
75-34-3	1,1-Dichloroethane	1	0.20	U	0.20	1.0
67-66-3	Chloroform	1	0.20	U	0.20	1.0
71-55-6	1,1,1-Trichloroethane	1	0.30	U	0.30	1.0
56-23-5	Carbon tetrachloride	1	0.30	U	0.30	1.0
107-06-2	1,2-Dichloroethane	1	0.10	U	0.10	1.0
71-43-2	Benzene	1	0.20	U	0.20	1.0
79-01-6	Trichloroethene	1	0.30	U	0.30	1.0
78-87-5	1,2-Dichloropropane	1	0.40	U	0.40	1.0
75-27-4	Bromodichloromethane	1	0.20	U	0.20	1.0
110-75-8	2-Chloroethyl Vinyl Ether	1	0.80	U	0.80	1.0
10061-01-5	cis-1,3-Dichloropropene	1	0.10	U	0.10	1.0
108-88-3	Toluene	1	0.20	U	0.20	1.0
10061-02-6	trans-1,3-Dichloropropene	1	0.20	U	0.20	1.0
79-00-5	1,1,2-Trichloroethane	1	0.30	U	0.30	1.0
127-18-4	Tetrachloroethene	1	0.30	U	0.30	1.0
124-48-1	Dibromochloromethane	1	0.20	U	0.20	1.0
108-90-7	Chlorobenzene	1	0.20	U	0.20	1.0
100-41-4	Ethylbenzene	1	0.30	U	0.30	1.0
75-25-2	Bromoform	1	0.20	U	0.20	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1	0.20	U	0.20	1.0
541-73-1	1,3-Dichlorobenzene	1	0.20	U	0.20	1.0
106-46-7	1,4-Dichlorobenzene	1	0.10	U	0.10	1.0
95-50-1	1,2-Dichlorobenzene	1	0.20	U	0.20	1.0
NA	Xylenes (Total)	1	0.30	U	0.30	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	50.0	57	114	85 - 115	
Toluene-d8	50.0	48	95	85 - 120	
4-Bromofluorobenzene	50.0	51	102	75 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Pentafluorobenzene	667326	8.8	844622	8.8	

ORGANIC ANALYSIS DATA SHEET

EPA 8260B

JAX25-MW07-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-05	File ID:	11GF040.D
Sampled:	07/05/07 11:50	Prepared:	07/11/07 09:00	Analyzed:	07/12/07 12:05
Solids:		Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

Batch:	7G12008	Sequence:	BA00966	Calibration:	0707006	Instrument:	JVGCMS2

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Difluorobenzene	1051211	9.44	1459855	9.44	
Chlorobenzene-d5	854898	13.01	1396231	13.01	
1,4-Dichlorobenzene-d4	409293	16.11	787783	16.1	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8260B

JAX25-MW01-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-06	File ID:	11GF041.D
Sampled:	07/05/07 12:59	Prepared:	07/11/07 09:00	Analyzed:	07/12/07 12:38
Solids:		Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

Batch: 7G12008 Sequence: BA00966 Calibration: 0707006 Instrument: JVGCMS2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
74-87-3	Chloromethane	1	0.30	U	0.30	1.0
75-01-4	Vinyl chloride	1	0.40	U	0.40	1.0
74-83-9	Bromomethane	1	0.60	U	0.60	1.0
75-00-3	Chloroethane	1	0.30	U	0.30	1.0
75-35-4	1,1-Dichloroethene	1	0.20	U	0.20	1.0
75-09-2	Methylene chloride	1	2.0	U	2.0	2.0
1634-04-4	Methyl-tert-Butyl Ether	1	0.20	U	0.20	10
156-60-5	trans-1,2-Dichloroethene	1	0.20	U	0.20	1.0
156-59-2	cis-1,2-Dichloroethene	1	0.20	U	0.20	1.0
75-34-3	1,1-Dichloroethane	1	0.20	U	0.20	1.0
67-66-3	Chloroform	1	0.20	U	0.20	1.0
71-55-6	1,1,1-Trichloroethane	1	0.30	U	0.30	1.0
56-23-5	Carbon tetrachloride	1	0.30	U	0.30	1.0
107-06-2	1,2-Dichloroethane	1	0.10	U	0.10	1.0
71-43-2	Benzene	1	0.20	U	0.20	1.0
79-01-6	Trichloroethene	1	0.30	U	0.30	1.0
78-87-5	1,2-Dichloropropane	1	0.40	U	0.40	1.0
75-27-4	Bromodichloromethane	1	0.20	U	0.20	1.0
110-75-8	2-Chloroethyl Vinyl Ether	1	0.80	U	0.80	1.0
10061-01-5	cis-1,3-Dichloropropene	1	0.10	U	0.10	1.0
108-88-3	Toluene	1	0.20	U	0.20	1.0
10061-02-6	trans-1,3-Dichloropropene	1	0.20	U	0.20	1.0
79-00-5	1,1,2-Trichloroethane	1	0.30	U	0.30	1.0
127-18-4	Tetrachloroethene	1	0.30	U	0.30	1.0
124-48-1	Dibromochloromethane	1	0.20	U	0.20	1.0
108-90-7	Chlorobenzene	1	0.20	U	0.20	1.0
100-41-4	Ethylbenzene	1	0.30	U	0.30	1.0
75-25-2	Bromoform	1	0.20	U	0.20	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1	0.20	U	0.20	1.0
NA	Xylenes (Total)	1	0.30	U	0.30	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	50.0	60	120	85 - 115	*
Toluene-d8	50.0	47	93	85 - 120	
4-Bromofluorobenzene	50.0	51	102	75 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Pentafluorobenzene	618927	8.8	844622	8.8	
1,4-Difluorobenzene	989585	9.44	1459855	9.44	
Chlorobenzene-d5	769526	13.01	1396231	13.01	
1,4-Dichlorobenzene-d4	379672	16.11	787783	16.1	*

ORGANIC ANALYSIS DATA SHEET

EPA 8260B

JAX25-MW01-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-06RE1	File ID:	11GK020.D
Sampled:	07/05/07 12:59	Prepared:	07/11/07 09:00	Analyzed:	07/16/07 21:15
Solids:		Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

Batch: 7G12008 Sequence: BA00966 Calibration: 0707006 Instrument: JVGCMS2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
541-73-1	1,3-Dichlorobenzene	1	0.20	U	0.20	1.0
106-46-7	1,4-Dichlorobenzene	1	0.10	U	0.10	1.0
95-50-1	1,2-Dichlorobenzene	1	0.20	U	0.20	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	50.0	56	113	85 - 115	
Toluene-d8	50.0	44	88	85 - 120	
4-Bromofluorobenzene	50.0	52	104	75 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Pentafluorobenzene	836829	8.79	844622	8.8	
1,4-Difluorobenzene	1287343	9.43	1459855	9.44	
Chlorobenzene-d5	892300	13	1396231	13.01	
1,4-Dichlorobenzene-d4	453341	16.1	787783	16.1	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8260B

JAX25-MW02-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-07	File ID:	11GF042.D
Sampled:	07/05/07 14:12	Prepared:	07/11/07 09:00	Analyzed:	07/12/07 13:10
Solids:		Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

Batch: 7G12008 Sequence: BA00966 Calibration: 0707006 Instrument: JVGCMS2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
74-87-3	Chloromethane	1	0.30	U	0.30	1.0
75-01-4	Vinyl chloride	1	0.40	U	0.40	1.0
74-83-9	Bromomethane	1	0.60	U	0.60	1.0
75-00-3	Chloroethane	1	0.30	U	0.30	1.0
75-35-4	1,1-Dichloroethene	1	0.20	U	0.20	1.0
75-09-2	Methylene chloride	1	2.0	U	2.0	2.0
1634-04-4	Methyl-tert-Butyl Ether	1	0.20	U	0.20	10
156-60-5	trans-1,2-Dichloroethene	1	0.20	U	0.20	1.0
156-59-2	cis-1,2-Dichloroethene	1	0.20	U	0.20	1.0
75-34-3	1,1-Dichloroethane	1	0.20	U	0.20	1.0
67-66-3	Chloroform	1	0.20	U	0.20	1.0
71-55-6	1,1,1-Trichloroethane	1	0.30	U	0.30	1.0
56-23-5	Carbon tetrachloride	1	0.30	U	0.30	1.0
107-06-2	1,2-Dichloroethane	1	0.10	U	0.10	1.0
71-43-2	Benzene	1	0.20	U	0.20	1.0
79-01-6	Trichloroethene	1	0.30	U	0.30	1.0
78-87-5	1,2-Dichloropropane	1	0.40	U	0.40	1.0
75-27-4	Bromodichloromethane	1	0.20	U	0.20	1.0
110-75-8	2-Chloroethyl Vinyl Ether	1	0.80	U	0.80	1.0
10061-01-5	cis-1,3-Dichloropropene	1	0.10	U	0.10	1.0
108-88-3	Toluene	1	0.20	U	0.20	1.0
10061-02-6	trans-1,3-Dichloropropene	1	0.20	U	0.20	1.0
79-00-5	1,1,2-Trichloroethane	1	0.30	U	0.30	1.0
127-18-4	Tetrachloroethene	1	0.30	U	0.30	1.0
124-48-1	Dibromochloromethane	1	0.20	U	0.20	1.0
108-90-7	Chlorobenzene	1	0.20	U	0.20	1.0
100-41-4	Ethylbenzene	1	0.30	U	0.30	1.0
75-25-2	Bromoform	1	0.20	U	0.20	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1	0.20	U	0.20	1.0
NA	Xylenes (Total)	1	0.30	U	0.30	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	50.0	58	116	85 - 115	*
Toluene-d8	50.0	48	95	85 - 120	
4-Bromofluorobenzene	50.0	52	103	75 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Pentafluorobenzene	593352	8.8	844622	8.8	
1,4-Difluorobenzene	947788	9.44	1459855	9.44	
Chlorobenzene-d5	779576	13.01	1396231	13.01	
1,4-Dichlorobenzene-d4	379073	16.11	787783	16.1	*

ORGANIC ANALYSIS DATA SHEET
EPA 8260B

JAX25-MW02-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-07RE1	File ID:	11GK018.D
Sampled:	07/05/07 14:12	Prepared:	07/11/07 09:00	Analyzed:	07/16/07 20:10
Solids:		Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

Batch: 7G12008 Sequence: BA00966 Calibration: 0707006 Instrument: JVGCMS2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
541-73-1	1,3-Dichlorobenzene	1	0.20	U	0.20	1.0
106-46-7	1,4-Dichlorobenzene	1	0.10	U	0.10	1.0
95-50-1	1,2-Dichlorobenzene	1	0.20	U	0.20	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	50.0	56	111	85 - 115	
Toluene-d8	50.0	45	89	85 - 120	
4-Bromofluorobenzene	50.0	51	103	75 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Pentafluorobenzene	862616	8.79	844622	8.8	
1,4-Difluorobenzene	1289481	9.44	1459855	9.44	
Chlorobenzene-d5	936170	13	1396231	13.01	
1,4-Dichlorobenzene-d4	479719	16.1	787783	16.1	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8260B

JAX25-MW11-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-08	File ID:	11GG009.D
Sampled:	07/05/07 15:09	Prepared:	07/11/07 09:00	Analyzed:	07/12/07 19:49
Solids:		Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

Batch: 7G12008 Sequence: BA00966 Calibration: 0707006 Instrument: JVGCMS2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
74-87-3	Chloromethane	1	0.30	U	0.30	1.0
75-01-4	Vinyl chloride	1	0.40	U	0.40	1.0
74-83-9	Bromomethane	1	0.60	U	0.60	1.0
75-00-3	Chloroethane	1	0.30	U	0.30	1.0
75-35-4	1,1-Dichloroethene	1	0.20	U	0.20	1.0
75-09-2	Methylene chloride	1	2.0	U	2.0	2.0
1634-04-4	Methyl-tert-Butyl Ether	1	0.20	U	0.20	10
156-60-5	trans-1,2-Dichloroethene	1	0.20	U	0.20	1.0
156-59-2	cis-1,2-Dichloroethene	1	0.20	U	0.20	1.0
75-34-3	1,1-Dichloroethane	1	0.20	U	0.20	1.0
67-66-3	Chloroform	1	0.20	U	0.20	1.0
71-55-6	1,1,1-Trichloroethane	1	0.30	U	0.30	1.0
56-23-5	Carbon tetrachloride	1	0.30	U	0.30	1.0
107-06-2	1,2-Dichloroethane	1	0.10	U	0.10	1.0
71-43-2	Benzene	1	0.20	U	0.20	1.0
79-01-6	Trichloroethene	1	0.30	U	0.30	1.0
78-87-5	1,2-Dichloropropane	1	0.40	U	0.40	1.0
75-27-4	Bromodichloromethane	1	0.20	U	0.20	1.0
110-75-8	2-Chloroethyl Vinyl Ether	1	0.80	U	0.80	1.0
10061-01-5	cis-1,3-Dichloropropene	1	0.10	U	0.10	1.0
NA	Xylenes (Total)	1	0.30	U	0.30	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	50.0	63	125	85 - 115	*
Toluene-d8	50.0	46	92	85 - 120	
4-Bromofluorobenzene	50.0	52	103	75 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Pentafluorobenzene	547829	8.8	844622	8.8	
1,4-Difluorobenzene	894111	9.45	1459855	9.44	
Chlorobenzene-d5	672125	13.02	1396231	13.01	*
1,4-Dichlorobenzene-d4	325351	16.11	787783	16.1	*

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
EPA 8260B

JAX25-MW11-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-08RE1	File ID:	11GK019.D
Sampled:	07/05/07 15:09	Prepared:	07/11/07 09:00	Analyzed:	07/16/07 20:42
Solids:		Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

Batch: 7G12008 Sequence: BA00966 Calibration: 0707006 Instrument: JVGCMS2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
108-88-3	Toluene	1	0.20	U	0.20	1.0
10061-02-6	trans-1,3-Dichloropropene	1	0.20	U	0.20	1.0
79-00-5	1,1,2-Trichloroethane	1	0.30	U	0.30	1.0
127-18-4	Tetrachloroethene	1	0.30	U	0.30	1.0
124-48-1	Dibromochloromethane	1	0.20	U	0.20	1.0
108-90-7	Chlorobenzene	1	0.20	U	0.20	1.0
100-41-4	Ethylbenzene	1	0.30	U	0.30	1.0
75-25-2	Bromoform	1	0.20	U	0.20	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1	0.20	U	0.20	1.0
541-73-1	1,3-Dichlorobenzene	1	0.20	U	0.20	1.0
106-46-7	1,4-Dichlorobenzene	1	0.10	U	0.10	1.0
95-50-1	1,2-Dichlorobenzene	1	0.20	U	0.20	1.0
NA	Xylenes (Total)	1	0.30	U	0.30	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	50.0	55	109	85 - 115	
Toluene-d8	50.0	44	89	85 - 120	
4-Bromofluorobenzene	50.0	52	104	75 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Pentafluorobenzene	854970	8.79	844622	8.8	
1,4-Difluorobenzene	1294717	9.44	1459855	9.44	
Chlorobenzene-d5	905261	13.01	1396231	13.01	
1,4-Dichlorobenzene-d4	466470	16.1	787783	16.1	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8260B

JAX25-MW14-20070706

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B706062-01	File ID:	11GF029.D
Sampled:	07/06/07 10:20	Prepared:	07/11/07 09:00	Analyzed:	07/12/07 06:10
Solids:		Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

Batch: 7G12008 Sequence: BA00966 Calibration: 0707006 Instrument: JVGCMS2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
74-87-3	Chloromethane	1	0.30	U	0.30	1.0
75-01-4	Vinyl chloride	1	0.40	U	0.40	1.0
74-83-9	Bromomethane	1	0.60	U	0.60	1.0
75-00-3	Chloroethane	1	0.30	U	0.30	1.0
75-35-4	1,1-Dichloroethene	1	0.20	U	0.20	1.0
75-09-2	Methylene chloride	1	2.0	U	2.0	2.0
1634-04-4	Methyl-tert-Butyl Ether	1	0.20	U	0.20	10
156-60-5	trans-1,2-Dichloroethene	1	0.20	U	0.20	1.0
156-59-2	cis-1,2-Dichloroethene	1	0.20	U	0.20	1.0
75-34-3	1,1-Dichloroethane	1	0.20	U	0.20	1.0
67-66-3	Chloroform	1	0.20	U	0.20	1.0
71-55-6	1,1,1-Trichloroethane	1	0.30	U	0.30	1.0
56-23-5	Carbon tetrachloride	1	0.30	U	0.30	1.0
107-06-2	1,2-Dichloroethane	1	0.10	U	0.10	1.0
71-43-2	Benzene	1	0.20	U	0.20	1.0
79-01-6	Trichloroethene	1	0.30	U	0.30	1.0
78-87-5	1,2-Dichloropropane	1	0.40	U	0.40	1.0
75-27-4	Bromodichloromethane	1	0.20	U	0.20	1.0
110-75-8	2-Chloroethyl Vinyl Ether	1	0.80	U	0.80	1.0
10061-01-5	cis-1,3-Dichloropropene	1	0.10	U	0.10	1.0
108-88-3	Toluene	1	0.20	U	0.20	1.0
10061-02-6	trans-1,3-Dichloropropene	1	0.20	U	0.20	1.0
79-00-5	1,1,2-Trichloroethane	1	0.30	U	0.30	1.0
127-18-4	Tetrachloroethene	1	0.30	U	0.30	1.0
124-48-1	Dibromochloromethane	1	0.20	U	0.20	1.0
108-90-7	Chlorobenzene	1	0.20	U	0.20	1.0
100-41-4	Ethylbenzene	1	0.30	U	0.30	1.0
75-25-2	Bromoform	1	0.20	U	0.20	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1	0.20	U	0.20	1.0
541-73-1	1,3-Dichlorobenzene	1	0.20	U	0.20	1.0
106-46-7	1,4-Dichlorobenzene	1	0.10	U	0.10	1.0
95-50-1	1,2-Dichlorobenzene	1	0.20	U	0.20	1.0
NA	Xylenes (Total)	1	0.30	U	0.30	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	50.0	57	114	85 - 115	
Toluene-d8	50.0	48	96	85 - 120	
4-Bromofluorobenzene	50.0	51	102	75 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Pentafluorobenzene	637422	8.79	844622	8.8	

ORGANIC ANALYSIS DATA SHEET

EPA 8260B

JAX25-MW14-20070706

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B706062-01	File ID:	11GF029.D
Sampled:	07/06/07 10:20	Prepared:	07/11/07 09:00	Analyzed:	07/12/07 06:10
Solids:		Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

Batch: 7G12008 Sequence: BA00966 Calibration: 0707006 Instrument: JVGCMS2

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Difluorobenzene	1051467	9.44	1459855	9.44	
Chlorobenzene-d5	857575	13.01	1396231	13.01	
1,4-Dichlorobenzene-d4	416195	16.1	787783	16.1	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8260B

JAX25-MW15-20070706

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B706062-02	File ID:	11GF032.D
Sampled:	07/06/07 11:49	Prepared:	07/11/07 09:00	Analyzed:	07/12/07 07:47
Solids:		Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

Batch: 7G12008 Sequence: BA00966 Calibration: 0707006 Instrument: JVGCMS2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
74-87-3	Chloromethane	1	0.30	U	0.30	1.0
75-01-4	Vinyl chloride	1	0.40	U	0.40	1.0
74-83-9	Bromomethane	1	0.60	U	0.60	1.0
75-00-3	Chloroethane	1	0.30	U	0.30	1.0
75-35-4	1,1-Dichloroethene	1	0.20	U	0.20	1.0
75-09-2	Methylene chloride	1	2.0	U	2.0	2.0
1634-04-4	Methyl-tert-Butyl Ether	1	0.20	U	0.20	10
156-60-5	trans-1,2-Dichloroethene	1	0.20	U	0.20	1.0
156-59-2	cis-1,2-Dichloroethene	1	0.20	U	0.20	1.0
75-34-3	1,1-Dichloroethane	1	0.20	U	0.20	1.0
67-66-3	Chloroform	1	0.20	U	0.20	1.0
71-55-6	1,1,1-Trichloroethane	1	0.30	U	0.30	1.0
56-23-5	Carbon tetrachloride	1	0.30	U	0.30	1.0
107-06-2	1,2-Dichloroethane	1	0.10	U	0.10	1.0
71-43-2	Benzene	1	0.20	U	0.20	1.0
79-01-6	Trichloroethene	1	0.30	U	0.30	1.0
78-87-5	1,2-Dichloropropane	1	0.40	U	0.40	1.0
75-27-4	Bromodichloromethane	1	0.20	U	0.20	1.0
110-75-8	2-Chloroethyl Vinyl Ether	1	0.80	U	0.80	1.0
10061-01-5	cis-1,3-Dichloropropene	1	0.10	U	0.10	1.0
108-88-3	Toluene	1	0.42	I	0.20	1.0
10061-02-6	trans-1,3-Dichloropropene	1	0.20	U	0.20	1.0
79-00-5	1,1,2-Trichloroethane	1	0.30	U	0.30	1.0
127-18-4	Tetrachloroethene	1	0.30	U	0.30	1.0
124-48-1	Dibromochloromethane	1	0.20	U	0.20	1.0
108-90-7	Chlorobenzene	1	0.20	U	0.20	1.0
100-41-4	Ethylbenzene	1	0.30	U	0.30	1.0
75-25-2	Bromoform	1	0.20	U	0.20	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1	0.20	U	0.20	1.0
NA	Xylenes (Total)	1	0.30	U	0.30	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	50.0	59	117	85 - 115	*
Toluene-d8	50.0	49	97	85 - 120	
4-Bromofluorobenzene	50.0	52	104	75 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Pentafluorobenzene	569318	8.8	844622	8.8	
1,4-Difluorobenzene	919364	9.44	1459855	9.44	
Chlorobenzene-d5	775886	13.01	1396231	13.01	
1,4-Dichlorobenzene-d4	377404	16.11	787783	16.1	*

ORGANIC ANALYSIS DATA SHEET

EPA 8260B

JAX25-MW15-20070706

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B706062-02RE1	File ID:	11GK016.D
Sampled:	07/06/07 11:49	Prepared:	07/11/07 09:00	Analyzed:	07/16/07 19:06
Solids:		Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

Batch: 7G12008 Sequence: BA00966 Calibration: 0707006 Instrument: JVGCMS2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
541-73-1	1,3-Dichlorobenzene	1	0.20	U	0.20	1.0
106-46-7	1,4-Dichlorobenzene	1	0.10	U	0.10	1.0
95-50-1	1,2-Dichlorobenzene	1	0.20	U	0.20	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	50.0	54	108	85 - 115	
Toluene-d8	50.0	45	89	85 - 120	
4-Bromofluorobenzene	50.0	52	103	75 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Pentafluorobenzene	859706	8.79	844622	8.8	
1,4-Difluorobenzene	1286036	9.44	1459855	9.44	
Chlorobenzene-d5	915275	13	1396231	13.01	
1,4-Dichlorobenzene-d4	458608	16.1	787783	16.1	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8260B

JAX25-MW09-20070706

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B706062-03	File ID:	11GF033.D
Sampled:	07/06/07 10:42	Prepared:	07/11/07 09:00	Analyzed:	07/12/07 08:20
Solids:		Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

Batch: 7G12008 Sequence: BA00966 Calibration: 0707006 Instrument: JVGCMS2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
74-87-3	Chloromethane	1	0.30	U	0.30	1.0
75-01-4	Vinyl chloride	1	0.40	U	0.40	1.0
74-83-9	Bromomethane	1	0.60	U	0.60	1.0
75-00-3	Chloroethane	1	0.30	U	0.30	1.0
75-35-4	1,1-Dichloroethene	1	0.20	U	0.20	1.0
75-09-2	Methylene chloride	1	2.0	U	2.0	2.0
1634-04-4	Methyl-tert-Butyl Ether	1	0.20	U	0.20	10
156-60-5	trans-1,2-Dichloroethene	1	0.20	U	0.20	1.0
156-59-2	cis-1,2-Dichloroethene	1	0.34	I	0.20	1.0
75-34-3	1,1-Dichloroethane	1	0.20	U	0.20	1.0
67-66-3	Chloroform	1	0.20	U	0.20	1.0
71-55-6	1,1,1-Trichloroethane	1	0.30	U	0.30	1.0
56-23-5	Carbon tetrachloride	1	0.30	U	0.30	1.0
107-06-2	1,2-Dichloroethane	1	0.10	U	0.10	1.0
71-43-2	Benzene	1	0.54	I	0.20	1.0
79-01-6	Trichloroethene	1	0.30	U	0.30	1.0
78-87-5	1,2-Dichloropropane	1	0.40	U	0.40	1.0
75-27-4	Bromodichloromethane	1	0.20	U	0.20	1.0
110-75-8	2-Chloroethyl Vinyl Ether	1	0.80	U	0.80	1.0
10061-01-5	cis-1,3-Dichloropropene	1	0.10	U	0.10	1.0
108-88-3	Toluene	1	0.22	I	0.20	1.0
10061-02-6	trans-1,3-Dichloropropene	1	0.20	U	0.20	1.0
79-00-5	1,1,2-Trichloroethane	1	0.30	U	0.30	1.0
127-18-4	Tetrachloroethene	1	0.30	U	0.30	1.0
124-48-1	Dibromochloromethane	1	0.20	U	0.20	1.0
108-90-7	Chlorobenzene	1	0.20	U	0.20	1.0
100-41-4	Ethylbenzene	1	0.30	U	0.30	1.0
75-25-2	Bromoform	1	0.20	U	0.20	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1	0.20	U	0.20	1.0
541-73-1	1,3-Dichlorobenzene	1	0.20	U	0.20	1.0
106-46-7	1,4-Dichlorobenzene	1	0.10	U	0.10	1.0
95-50-1	1,2-Dichlorobenzene	1	0.20	U	0.20	1.0
NA	Xylenes (Total)	1	0.30	U	0.30	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	50.0	57	113	85 - 115	
Toluene-d8	50.0	49	98	85 - 120	
4-Bromofluorobenzene	50.0	52	104	75 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Pentafluorobenzene	621688	8.79	844622	8.8	

ORGANIC ANALYSIS DATA SHEET

EPA 8260B

JAX25-MW09-20070706

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B706062-03	File ID:	11GF033.D
Sampled:	07/06/07 10:42	Prepared:	07/11/07 09:00	Analyzed:	07/12/07 08:20
Solids:		Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

Batch: 7G12008 Sequence: BA00966 Calibration: 0707006 Instrument: JVGCMS2

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Difluorobenzene	982968	9.44	1459855	9.44	
Chlorobenzene-d5	825273	13.01	1396231	13.01	
1,4-Dichlorobenzene-d4	417582	16.1	787783	16.1	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
EPA 8260B

JAX25-DUP-20070706

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B706062-04	File ID:	11GF034.D
Sampled:	07/06/07 00:00	Prepared:	07/11/07 09:00	Analyzed:	07/12/07 08:52
Solids:		Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL
Batch:	7G12008	Sequence:	BA00966	Calibration:	0707006
Instrument:	JVGCMS2				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
74-87-3	Chloromethane	1	0.30	U	0.30	1.0
75-01-4	Vinyl chloride	1	0.40	U	0.40	1.0
74-83-9	Bromomethane	1	0.60	U	0.60	1.0
75-00-3	Chloroethane	1	0.30	U	0.30	1.0
75-35-4	1,1-Dichloroethene	1	0.20	U	0.20	1.0
75-09-2	Methylene chloride	1	2.0	U	2.0	2.0
1634-04-4	Methyl-tert-Butyl Ether	1	0.20	U	0.20	10
156-60-5	trans-1,2-Dichloroethene	1	0.20	U	0.20	1.0
156-59-2	cis-1,2-Dichloroethene	1	0.36	I	0.20	1.0
75-34-3	1,1-Dichloroethane	1	0.20	U	0.20	1.0
67-66-3	Chloroform	1	0.20	U	0.20	1.0
71-55-6	1,1,1-Trichloroethane	1	0.30	U	0.30	1.0
56-23-5	Carbon tetrachloride	1	0.30	U	0.30	1.0
107-06-2	1,2-Dichloroethane	1	0.10	U	0.10	1.0
71-43-2	Benzene	1	0.53	I	0.20	1.0
79-01-6	Trichloroethene	1	0.30	U	0.30	1.0
78-87-5	1,2-Dichloropropane	1	0.40	U	0.40	1.0
75-27-4	Bromodichloromethane	1	0.20	U	0.20	1.0
110-75-8	2-Chloroethyl Vinyl Ether	1	0.80	U	0.80	1.0
10061-01-5	cis-1,3-Dichloropropene	1	0.10	U	0.10	1.0
108-88-3	Toluene	1	0.50	I	0.20	1.0
10061-02-6	trans-1,3-Dichloropropene	1	0.20	U	0.20	1.0
79-00-5	1,1,2-Trichloroethane	1	0.30	U	0.30	1.0
127-18-4	Tetrachloroethene	1	0.30	U	0.30	1.0
124-48-1	Dibromochloromethane	1	0.20	U	0.20	1.0
108-90-7	Chlorobenzene	1	0.20	U	0.20	1.0
100-41-4	Ethylbenzene	1	0.51	I	0.30	1.0
75-25-2	Bromoform	1	0.20	U	0.20	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1	0.20	U	0.20	1.0
541-73-1	1,3-Dichlorobenzene	1	0.20	U	0.20	1.0
106-46-7	1,4-Dichlorobenzene	1	0.10	U	0.10	1.0
95-50-1	1,2-Dichlorobenzene	1	0.20	U	0.20	1.0
NA	Xylenes (Total)	1	0.30	U	0.30	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	50.0	58	115	85 - 115	
Toluene-d8	50.0	46	92	85 - 120	
4-Bromofluorobenzene	50.0	51	102	75 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Pentafluorobenzene	682859	8.8	844622	8.8	

ORGANIC ANALYSIS DATA SHEET
EPA 8260B

JAX25-DUP-20070706

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B706062-04	File ID:	11GF034.D
Sampled:	07/06/07 00:00	Prepared:	07/11/07 09:00	Analyzed:	07/12/07 08:52
Solids:		Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

Batch: 7G12008 Sequence: BA00966 Calibration: 0707006 Instrument: JVGCMS2

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Difluorobenzene	1096392	9.44	1459855	9.44	
Chlorobenzene-d5	883267	13.01	1396231	13.01	
1,4-Dichlorobenzene-d4	426028	16.11	787783	16.1	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8260B

JAX25-MW05-20070706

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B706062-05	File ID:	11GF035.D
Sampled:	07/06/07 11:54	Prepared:	07/11/07 09:00	Analyzed:	07/12/07 09:24
Solids:		Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

Batch: 7G12008 Sequence: BA00966 Calibration: 0707006 Instrument: JVGCMS2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
74-87-3	Chloromethane	1	0.30	U	0.30	1.0
75-01-4	Vinyl chloride	1	0.40	U	0.40	1.0
74-83-9	Bromomethane	1	0.60	U	0.60	1.0
75-00-3	Chloroethane	1	0.30	U	0.30	1.0
75-35-4	1,1-Dichloroethene	1	0.20	U	0.20	1.0
75-09-2	Methylene chloride	1	2.0	U	2.0	2.0
1634-04-4	Methyl-tert-Butyl Ether	1	0.20	U	0.20	10
156-60-5	trans-1,2-Dichloroethene	1	2.3		0.20	1.0
156-59-2	cis-1,2-Dichloroethene	1	1.6		0.20	1.0
75-34-3	1,1-Dichloroethane	1	0.20	U	0.20	1.0
67-66-3	Chloroform	1	0.20	U	0.20	1.0
71-55-6	1,1,1-Trichloroethane	1	0.30	U	0.30	1.0
56-23-5	Carbon tetrachloride	1	0.30	U	0.30	1.0
107-06-2	1,2-Dichloroethane	1	0.10	U	0.10	1.0
71-43-2	Benzene	1	0.20	U	0.20	1.0
79-01-6	Trichloroethene	1	0.30	U	0.30	1.0
78-87-5	1,2-Dichloropropane	1	0.40	U	0.40	1.0
75-27-4	Bromodichloromethane	1	0.20	U	0.20	1.0
110-75-8	2-Chloroethyl Vinyl Ether	1	0.80	U	0.80	1.0
10061-01-5	cis-1,3-Dichloropropene	1	0.10	U	0.10	1.0
108-88-3	Toluene	1	0.50	I	0.20	1.0
10061-02-6	trans-1,3-Dichloropropene	1	0.20	U	0.20	1.0
79-00-5	1,1,2-Trichloroethane	1	0.30	U	0.30	1.0
127-18-4	Tetrachloroethene	1	0.30	U	0.30	1.0
124-48-1	Dibromochloromethane	1	0.20	U	0.20	1.0
108-90-7	Chlorobenzene	1	0.20	U	0.20	1.0
100-41-4	Ethylbenzene	1	0.30	U	0.30	1.0
75-25-2	Bromoform	1	0.20	U	0.20	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1	0.20	U	0.20	1.0
541-73-1	1,3-Dichlorobenzene	1	0.20	U	0.20	1.0
106-46-7	1,4-Dichlorobenzene	1	0.10	U	0.10	1.0
95-50-1	1,2-Dichlorobenzene	1	0.20	U	0.20	1.0
NA	Xylenes (Total)	1	0.30	U	0.30	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	50.0	56	112	85 - 115	
Toluene-d8	50.0	47	95	85 - 120	
4-Bromofluorobenzene	50.0	50	101	75 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Pentafluorobenzene	686556	8.79	844622	8.8	

ORGANIC ANALYSIS DATA SHEET

EPA 8260B

JAX25-MW05-20070706

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B706062-05	File ID:	11GF035.D
Sampled:	07/06/07 11:54	Prepared:	07/11/07 09:00	Analyzed:	07/12/07 09:24
Solids:		Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

Batch: 7G12008 Sequence: BA00966 Calibration: 0707006 Instrument: JVGCMS2

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Difluorobenzene	1085895	9.44	1459855	9.44	
Chlorobenzene-d5	889948	13.01	1396231	13.01	
1,4-Dichlorobenzene-d4	431182	16.1	787783	16.1	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
EPA 8260B

Trip Blank

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Water	Laboratory ID:	B706062-06	File ID:	11GF030.D
Sampled:	07/06/07 00:00	Prepared:	07/11/07 09:00	Analyzed:	07/12/07 06:43
Solids:		Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

Batch: 7G12008 Sequence: BA00966 Calibration: 0707006 Instrument: JVGCMS2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
74-87-3	Chloromethane	1	0.30	U	0.30	1.0
75-01-4	Vinyl chloride	1	0.40	U	0.40	1.0
74-83-9	Bromomethane	1	0.60	U	0.60	1.0
75-00-3	Chloroethane	1	0.30	U	0.30	1.0
75-35-4	1,1-Dichloroethene	1	0.20	U	0.20	1.0
75-09-2	Methylene chloride	1	2.0	U	2.0	2.0
1634-04-4	Methyl-tert-Butyl Ether	1	0.20	U	0.20	10
156-60-5	trans-1,2-Dichloroethene	1	0.20	U	0.20	1.0
156-59-2	cis-1,2-Dichloroethene	1	0.20	U	0.20	1.0
75-34-3	1,1-Dichloroethane	1	0.20	U	0.20	1.0
67-66-3	Chloroform	1	0.20	U	0.20	1.0
71-55-6	1,1,1-Trichloroethane	1	0.30	U	0.30	1.0
56-23-5	Carbon tetrachloride	1	0.30	U	0.30	1.0
107-06-2	1,2-Dichloroethane	1	0.10	U	0.10	1.0
71-43-2	Benzene	1	0.20	U	0.20	1.0
79-01-6	Trichloroethene	1	0.30	U	0.30	1.0
78-87-5	1,2-Dichloropropane	1	0.40	U	0.40	1.0
75-27-4	Bromodichloromethane	1	0.20	U	0.20	1.0
110-75-8	2-Chloroethyl Vinyl Ether	1	0.80	U	0.80	1.0
10061-01-5	cis-1,3-Dichloropropene	1	0.10	U	0.10	1.0
108-88-3	Toluene	1	0.52	I	0.20	1.0
10061-02-6	trans-1,3-Dichloropropene	1	0.20	U	0.20	1.0
79-00-5	1,1,2-Trichloroethane	1	0.30	U	0.30	1.0
127-18-4	Tetrachloroethene	1	0.30	U	0.30	1.0
124-48-1	Dibromochloromethane	1	0.20	U	0.20	1.0
108-90-7	Chlorobenzene	1	0.20	U	0.20	1.0
100-41-4	Ethylbenzene	1	0.30	U	0.30	1.0
75-25-2	Bromoform	1	0.20	U	0.20	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1	0.20	U	0.20	1.0
541-73-1	1,3-Dichlorobenzene	1	0.20	U	0.20	1.0
106-46-7	1,4-Dichlorobenzene	1	0.10	U	0.10	1.0
95-50-1	1,2-Dichlorobenzene	1	0.20	U	0.20	1.0
NA	Xylenes (Total)	1	0.30	U	0.30	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	50.0	57	114	85 - 115	
Toluene-d8	50.0	48	96	85 - 120	
4-Bromofluorobenzene	50.0	51	101	75 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Pentafluorobenzene	642147	8.79	844622	8.8	

ORGANIC ANALYSIS DATA SHEET
EPA 8260B

Trip Blank

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Water	Laboratory ID:	B706062-06	File ID:	11GF030.D
Sampled:	07/06/07 00:00	Prepared:	07/11/07 09:00	Analyzed:	07/12/07 06:43
Solids:		Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

Batch:	7G12008	Sequence:	BA00966	Calibration:	0707006	Instrument:	JVGCMS2

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Difluorobenzene	1020648	9.44	1459855	9.44	
Chlorobenzene-d5	846088	13.01	1396231	13.01	
1,4-Dichlorobenzene-d4	401869	16.1	787783	16.1	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8260B

Trip Blank

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Water	Laboratory ID:	B706062-07	File ID:	11GF031.D
Sampled:	07/06/07 00:00	Prepared:	07/11/07 09:00	Analyzed:	07/12/07 07:15
Solids:		Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

Batch: 7G12008 Sequence: BA00966 Calibration: 0707006 Instrument: JVGCMS2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
74-87-3	Chloromethane	1	0.30	U	0.30	1.0
75-01-4	Vinyl chloride	1	0.40	U	0.40	1.0
74-83-9	Bromomethane	1	0.60	U	0.60	1.0
75-00-3	Chloroethane	1	0.30	U	0.30	1.0
75-35-4	1,1-Dichloroethene	1	0.20	U	0.20	1.0
75-09-2	Methylene chloride	1	2.0	U	2.0	2.0
1634-04-4	Methyl-tert-Butyl Ether	1	0.20	U	0.20	10
156-60-5	trans-1,2-Dichloroethene	1	0.20	U	0.20	1.0
156-59-2	cis-1,2-Dichloroethene	1	0.20	U	0.20	1.0
75-34-3	1,1-Dichloroethane	1	0.20	U	0.20	1.0
67-66-3	Chloroform	1	0.20	U	0.20	1.0
71-55-6	1,1,1-Trichloroethane	1	0.30	U	0.30	1.0
56-23-5	Carbon tetrachloride	1	0.30	U	0.30	1.0
107-06-2	1,2-Dichloroethane	1	0.10	U	0.10	1.0
71-43-2	Benzene	1	0.20	U	0.20	1.0
79-01-6	Trichloroethene	1	0.30	U	0.30	1.0
78-87-5	1,2-Dichloropropane	1	0.40	U	0.40	1.0
75-27-4	Bromodichloromethane	1	0.20	U	0.20	1.0
110-75-8	2-Chloroethyl Vinyl Ether	1	0.80	U	0.80	1.0
10061-01-5	cis-1,3-Dichloropropene	1	0.10	U	0.10	1.0
108-88-3	Toluene	1	0.20	U	0.20	1.0
10061-02-6	trans-1,3-Dichloropropene	1	0.20	U	0.20	1.0
79-00-5	1,1,2-Trichloroethane	1	0.30	U	0.30	1.0
127-18-4	Tetrachloroethene	1	0.30	U	0.30	1.0
124-48-1	Dibromochloromethane	1	0.20	U	0.20	1.0
108-90-7	Chlorobenzene	1	0.20	U	0.20	1.0
100-41-4	Ethylbenzene	1	0.30	U	0.30	1.0
75-25-2	Bromoform	1	0.20	U	0.20	1.0
79-34-5	1,1,2,2-Tetrachloroethane	1	0.20	U	0.20	1.0
NA	Xylenes (Total)	1	0.30	U	0.30	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	50.0	60	119	85 - 115	*
Toluene-d8	50.0	49	98	85 - 120	
4-Bromofluorobenzene	50.0	51	103	75 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Pentafluorobenzene	602175	8.8	844622	8.8	
1,4-Difluorobenzene	970138	9.44	1459855	9.44	
Chlorobenzene-d5	797037	13.01	1396231	13.01	
1,4-Dichlorobenzene-d4	388088	16.11	787783	16.1	*

ORGANIC ANALYSIS DATA SHEET

EPA 8260B

Trip Blank

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Water	Laboratory ID:	B706062-07RE1	File ID:	11GK015.D
Sampled:	07/06/07 00:00	Prepared:	07/11/07 09:00	Analyzed:	07/16/07 18:34
Solids:		Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

Batch: 7G12008 Sequence: BA00966 Calibration: 0707006 Instrument: JVGCMS2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
541-73-1	1,3-Dichlorobenzene	1	0.20	U	0.20	1.0
106-46-7	1,4-Dichlorobenzene	1	0.10	U	0.10	1.0
95-50-1	1,2-Dichlorobenzene	1	0.20	U	0.20	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	50.0	55	111	85 - 115	
Toluene-d8	50.0	44	88	85 - 120	
4-Bromofluorobenzene	50.0	52	104	75 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Pentafluorobenzene	882188	8.79	844622	8.8	
1,4-Difluorobenzene	1335682	9.44	1459855	9.44	
Chlorobenzene-d5	940309	13.01	1396231	13.01	
1,4-Dichlorobenzene-d4	474493	16.11	787783	16.1	

* Values outside of QC limits

METHOD BLANK DATA SHEET
EPA 8260B

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Water	Laboratory ID:	7G12008-BLK1	File ID:	11GF024.D
Prepared:	07/11/07 09:00	Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL
Analyzed:	07/12/07 03:29	Instrument:	JVGCMS2		
Batch:	7G12008	Sequence:	BA00966	Calibration:	0707006

CAS NO.	COMPOUND	CONC. (ug/L)	Q
74-87-3	Chloromethane	0.30	U
75-01-4	Vinyl chloride	0.40	U
74-83-9	Bromomethane	0.60	U
75-00-3	Chloroethane	0.30	U
75-35-4	1,1-Dichloroethene	0.20	U
75-09-2	Methylene chloride	2.0	U
1634-04-4	Methyl-tert-Butyl Ether	0.20	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
156-59-2	cis-1,2-Dichloroethene	0.20	U
75-34-3	1,1-Dichloroethane	0.20	U
67-66-3	Chloroform	0.20	U
71-55-6	1,1,1-Trichloroethane	0.30	U
56-23-5	Carbon tetrachloride	0.30	U
107-06-2	1,2-Dichloroethane	0.10	U
71-43-2	Benzene	0.20	U
79-01-6	Trichloroethene	0.30	U
78-87-5	1,2-Dichloropropane	0.40	U
75-27-4	Bromodichloromethane	0.20	U
110-75-8	2-Chloroethyl Vinyl Ether	0.80	U
10061-01-5	cis-1,3-Dichloropropene	0.10	U
108-88-3	Toluene	0.48	I
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.30	U
127-18-4	Tetrachloroethene	0.30	U
124-48-1	Dibromochloromethane	0.20	U
108-90-7	Chlorobenzene	0.20	U
100-41-4	Ethylbenzene	0.30	U
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
541-73-1	1,3-Dichlorobenzene	0.20	U

METHOD BLANK DATA SHEET
EPA 8260B

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Water	Laboratory ID:	7G12008-BLK1	File ID:	11GF024.D
Prepared:	07/11/07 09:00	Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL
Analyzed:	07/12/07 03:29	Instrument:	JVGCMS2		
Batch:	7G12008	Sequence:	BA00966	Calibration:	0707006

CAS NO.	COMPOUND	CONC. (ug/L)	Q
106-46-7	1,4-Dichlorobenzene	0.10	U
95-50-1	1,2-Dichlorobenzene	0.20	U
NA	Xylenes (Total)	0.30	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	50.0	54	108	85 - 115	
Toluene-d8	50.0	50	99	85 - 120	
4-Bromofluorobenzene	50.0	49	99	75 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Pentafluorobenzene	681888	8.79	844622	8.8	
1,4-Difluorobenzene	1091826	9.44	1459855	9.44	
Chlorobenzene-d5	928405	13.01	1396231	13.01	
1,4-Dichlorobenzene-d4	447511	16.1	787783	16.1	

METHOD BLANK DATA SHEET
EPA 8260B

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Water	Laboratory ID:	7G12008-BLK3	File ID:	11GK006.D
Prepared:	07/16/07 09:00	Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL
Analyzed:	07/16/07 13:44	Instrument:	JVGCMS2		
Batch:	7G12008	Sequence:	BA00966	Calibration:	0707006

CAS NO.	COMPOUND	CONC. (ug/L)	Q
74-87-3	Chloromethane	0.30	U
75-01-4	Vinyl chloride	0.40	U
74-83-9	Bromomethane	0.60	U
75-00-3	Chloroethane	0.30	U
75-35-4	1,1-Dichloroethene	0.20	U
75-09-2	Methylene chloride	2.0	U
1634-04-4	Methyl-tert-Butyl Ether	0.20	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
156-59-2	cis-1,2-Dichloroethene	0.20	U
75-34-3	1,1-Dichloroethane	0.20	U
67-66-3	Chloroform	0.20	U
71-55-6	1,1,1-Trichloroethane	0.30	U
56-23-5	Carbon tetrachloride	0.30	U
107-06-2	1,2-Dichloroethane	0.10	U
71-43-2	Benzene	0.20	U
79-01-6	Trichloroethene	0.30	U
78-87-5	1,2-Dichloropropane	0.40	U
75-27-4	Bromodichloromethane	0.20	U
110-75-8	2-Chloroethyl Vinyl Ether	0.80	U
10061-01-5	cis-1,3-Dichloropropene	0.10	U
108-88-3	Toluene	0.20	U
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.30	U
127-18-4	Tetrachloroethene	0.30	U
124-48-1	Dibromochloromethane	0.20	U
108-90-7	Chlorobenzene	0.20	U
100-41-4	Ethylbenzene	0.30	U
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
541-73-1	1,3-Dichlorobenzene	0.20	U

METHOD BLANK DATA SHEET
EPA 8260B

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Water	Laboratory ID:	7G12008-BLK3	File ID:	11GK006.D
Prepared:	07/16/07 09:00	Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL
Analyzed:	07/16/07 13:44	Instrument:	JVGCMS2		
Batch:	7G12008	Sequence:	BA00966	Calibration:	0707006

CAS NO.	COMPOUND	CONC. (ug/L)	Q
106-46-7	1,4-Dichlorobenzene	0.10	U
95-50-1	1,2-Dichlorobenzene	0.20	U
NA	Xylenes (Total)	0.30	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	50.0	51	103	85 - 115	
Toluene-d8	50.0	44	88	85 - 120	
4-Bromofluorobenzene	50.0	51	103	75 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Pentafluorobenzene	930154	8.79	844622	8.8	
1,4-Difluorobenzene	1386762	9.44	1459855	9.44	
Chlorobenzene-d5	975381	13.01	1396231	13.01	
1,4-Dichlorobenzene-d4	476160	16.11	787783	16.1	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260B

JAX25-MW14-20070706

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Matrix:	Water		
Batch:	7G12008	Laboratory ID:	7G12008-MS1
Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

Source Sample Name: JAX25-MW14-20070706

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Chloromethane	20.0	ND	16	82	40 - 125
Vinyl chloride	20.0	ND	23	116	50 - 145
Bromomethane	20.0	ND	18	91	30 - 145
Chloroethane	20.0	ND	25	123	60 - 135
1,1-Dichloroethene	20.0	ND	22	112	70 - 130
Methylene chloride	20.0	ND	21	105	55 - 140
Methyl-tert-Butyl Ether	20.0	ND	23	113	65 - 125
trans-1,2-Dichloroethene	20.0	ND	22	111	60 - 140
cis-1,2-Dichloroethene	20.0	ND	19	97	70 - 125
1,1-Dichloroethane	20.0	ND	24	120	70 - 135
Chloroform	20.0	ND	23	113	65 - 135
1,1,1-Trichloroethane	20.0	ND	24	120	65 - 130
Carbon tetrachloride	20.0	ND	26	132	65 - 140
1,2-Dichloroethane	20.0	ND	23	117	70 - 130
Benzene	20.0	ND	22	108	80 - 120
Trichloroethene	20.0	ND	21	106	70 - 125
1,2-Dichloropropane	20.0	ND	21	107	75 - 125
Bromodichloromethane	20.0	ND	21	107	75 - 120
cis-1,3-Dichloropropene	20.0	ND	20	99	70 - 130
Toluene	20.0	ND	20	99	75 - 120
trans-1,3-Dichloropropene	20.0	ND	23	114	55 - 140
1,1,2-Trichloroethane	20.0	ND	21	107	75 - 125
Tetrachloroethene	20.0	ND	15	73	45 - 150
Dibromochloromethane	20.0	ND	22	109	60 - 135
Chlorobenzene	20.0	ND	21	106	80 - 120
Ethylbenzene	20.0	ND	20	98	75 - 125
m,p-Xylenes	40.0	ND	43	108	75 - 130
o-Xylene	20.0	ND	23	113	80 - 120
Bromoform	20.0	ND	24	119	70 - 130
1,1,2,2-Tetrachloroethane	20.0	ND	23	117	65 - 130
1,3-Dichlorobenzene	20.0	ND	21	103	75 - 125
1,4-Dichlorobenzene	20.0	ND	21	104	75 - 125

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260B

JAX25-MW14-20070706

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Matrix:	Water		
Batch:	7G12008	Laboratory ID:	7G12008-MS1
Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

Source Sample Name: JAX25-MW14-20070706

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
1,2-Dichlorobenzene	20.0	ND	20	102	70 - 120

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
Chloromethane	20.0	15	77	7	30	40 - 125
Vinyl chloride	20.0	25	123	5	30	50 - 145
Bromomethane	20.0	16	81	12	30	30 - 145
Chloroethane	20.0	24	122	0.4	30	60 - 135
1,1-Dichloroethene	20.0	23	117	5	30	70 - 130
Methylene chloride	20.0	22	109	4	30	55 - 140
Methyl-tert-Butyl Ether	20.0	22	111	2	30	65 - 125
trans-1,2-Dichloroethene	20.0	23	115	4	30	60 - 140
cis-1,2-Dichloroethene	20.0	20	102	5	30	70 - 125
1,1-Dichloroethane	20.0	22	112	7	30	70 - 135
Chloroform	20.0	23	115	2	30	65 - 135
1,1,1-Trichloroethane	20.0	25	123	2	30	65 - 130
Carbon tetrachloride	20.0	26	131	0.7	30	65 - 140
1,2-Dichloroethane	20.0	23	114	3	30	70 - 130
Benzene	20.0	21	106	2	30	80 - 120
Trichloroethene	20.0	21	103	3	30	70 - 125
1,2-Dichloropropane	20.0	22	108	1	30	75 - 125
Bromodichloromethane	20.0	21	104	3	30	75 - 120
cis-1,3-Dichloropropene	20.0	19	97	2	30	70 - 130
Toluene	20.0	20	102	3	30	75 - 120
trans-1,3-Dichloropropene	20.0	23	116	2	30	55 - 140
1,1,2-Trichloroethane	20.0	21	104	2	30	75 - 125
Tetrachloroethene	20.0	14	70	4	30	45 - 150
Dibromochloromethane	20.0	22	110	0.7	30	60 - 135
Chlorobenzene	20.0	21	106	0.1	30	80 - 120
Ethylbenzene	20.0	20	100	1	30	75 - 125
m,p-Xylenes	40.0	43	108	0.4	30	75 - 130
o-Xylene	20.0	23	113	0.2	30	80 - 120

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260B

JAX25-MW14-20070706

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Matrix:	Water		
Batch:	7G12008	Laboratory ID:	7G12008-MSD1
Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

Source Sample Name: JAX25-MW14-20070706

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromoform	20.0	23	117	2	30	70 - 130
1,1,2,2-Tetrachloroethane	20.0	23	117	0.2	30	65 - 130
1,3-Dichlorobenzene	20.0	22	108	5	30	75 - 125
1,4-Dichlorobenzene	20.0	21	105	0.1	30	75 - 125
1,2-Dichlorobenzene	20.0	21	106	4	30	70 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

LCS / LCS DUPLICATE RECOVERY

EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Matrix:	Water		
Batch:	7G12008	Laboratory ID:	7G12008-BS1
Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Chloromethane	20.0	10	52	40 - 125
Vinyl chloride	20.0	17	84	50 - 145
Bromomethane	20.0	12	62	30 - 145
Chloroethane	20.0	17	86	60 - 135
1,1-Dichloroethene	20.0	18	88	70 - 130
Methylene chloride	20.0	16	82	55 - 140
Methyl-tert-Butyl Ether	20.0	17	87	65 - 125
trans-1,2-Dichloroethene	20.0	18	89	60 - 140
cis-1,2-Dichloroethene	20.0	15	77	70 - 125
1,1-Dichloroethane	20.0	20	98	70 - 135
Chloroform	20.0	18	90	65 - 135
1,1,1-Trichloroethane	20.0	20	98	65 - 130
Carbon tetrachloride	20.0	21	105	65 - 140
1,2-Dichloroethane	20.0	19	94	70 - 130
Benzene	20.0	17	85	80 - 120
Trichloroethene	20.0	19	95	70 - 125
1,2-Dichloropropane	20.0	17	85	75 - 125
Bromodichloromethane	20.0	17	86	75 - 120
cis-1,3-Dichloropropene	20.0	16	78	70 - 130
Toluene	20.0	16	79	75 - 120
trans-1,3-Dichloropropene	20.0	18	90	55 - 140
1,1,2-Trichloroethane	20.0	16	81	75 - 125
Tetrachloroethene	20.0	22	108	45 - 150
Dibromochloromethane	20.0	17	87	60 - 135
Chlorobenzene	20.0	17	84	80 - 120
Ethylbenzene	20.0	16	79	75 - 125
m,p-Xylenes	40.0	33	83	75 - 130
o-Xylene	20.0	17	84	80 - 120
Bromoform	20.0	18	90	70 - 130
1,1,2,2-Tetrachloroethane	20.0	15	76	65 - 130

LCS / LCS DUPLICATE RECOVERY

EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Matrix:	Water		
Batch:	7G12008	Laboratory ID:	7G12008-BS1
Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,3-Dichlorobenzene	20.0	17	83	75 - 125
1,4-Dichlorobenzene	20.0	17	83	75 - 125
1,2-Dichlorobenzene	20.0	16	82	70 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Lab File ID:	11GF020.D	Injection Date:	07/12/07
Instrument ID:	JVGCMS2	Injection Time:	01:20
Sequence:	BA00966	Lab Sample ID:	BA00966-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	25.7	PASS
75	30 - 60% of 95	55.7	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.13	PASS
173	Less than 2% of 174	0	PASS
174	50 - 200% of 95	66.5	PASS
175	5 - 9% of 174	7.06	PASS
176	95 - 101% of 174	96.5	PASS
177	5 - 9% of 176	6.51	PASS

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Lab File ID:	11GK001.D	Injection Date:	07/16/07
Instrument ID:	JVGCMS2	Injection Time:	10:56
Sequence:	BA00966	Lab Sample ID:	BA00966-TUN3

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	24.7	PASS
75	30 - 60% of 95	58.3	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.72	PASS
173	Less than 2% of 174	0	PASS
174	50 - 200% of 95	68.2	PASS
175	5 - 9% of 174	6.89	PASS
176	95 - 101% of 174	96	PASS
177	5 - 9% of 176	5.95	PASS

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Lab File ID:	11GF001.D	Injection Date:	07/11/07
Instrument ID:	JVGCMS2	Injection Time:	15:08
Sequence:	BA00970	Lab Sample ID:	BA00970-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	29.7	PASS
75	30 - 60% of 95	59.3	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.41	PASS
173	Less than 2% of 174	0	PASS
174	50 - 200% of 95	58	PASS
175	5 - 9% of 174	7.41	PASS
176	95 - 101% of 174	97.4	PASS
177	5 - 9% of 176	6.7	PASS

CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Instrument ID:	JVGCMS2	Calibration:	0707006
Lab File ID:	11GF022.D	Calibration Date:	07/12/07 10:46
Sequence:	BA00966	Injection Date:	07/12/07
Lab Sample ID:	BA00966-CCV1	Injection Time:	02:24

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Chloromethane	L	50.0	54	1.83756	1.545533	0.1	8.7	20
Vinyl chloride	A	50.0	57	1.028633	1.163055		13.1	20
Bromomethane	L	50.0	60	0.6023942	0.7783589		19.4	20
Chloroethane	L	50.0	57	0.6245393	0.616545		13.2	20
1,1-Dichloroethene	A	50.0	46	0.7059092	0.6560797		-7.1	20
Methylene chloride	L	50.0	51	1.003014	0.8174539		2.3	20
Methyl-tert-Butyl Ether	A	50.0	50	2.504395	2.503064		-0.05	20
trans-1,2-Dichloroethene	A	50.0	48	0.7455603	0.7087376		-4.9	20
cis-1,2-Dichloroethene	A	50.0	49	0.6978552	0.6842768		-1.9	20
1,1-Dichloroethane	A	50.0	49	1.572187	1.536952	0.1	-2.2	20
Chloroform	A	50.0	49	1.513584	1.469953		-2.9	20
1,1,1-Trichloroethane	A	50.0	48	1.182537	1.131074		-4.4	20
Carbon tetrachloride	A	50.0	49	0.5460168	0.5388137		-1.3	20
1,2-Dichloroethane	A	50.0	50	0.8011573	0.809037		1.0	20
Benzene	A	50.0	49	1.478166	1.455762		-1.5	20
Trichloroethene	A	50.0	52	0.3656033	0.3792814		3.7	20
1,2-Dichloropropane	A	50.0	48	0.4085594	0.3959963		-3.1	20
Bromodichloromethane	A	50.0	49	0.7247631	0.7140826		-1.5	20
2-Chloroethyl Vinyl Ether	L	250	230	9.572934E-02	0.1414143		-9.2	20
cis-1,3-Dichloropropene	A	50.0	51	0.6863861	0.6960138		1.4	20
Toluene	A	50.0	48	1.016883	0.9666022		-4.9	20
trans-1,3-Dichloropropene	A	50.0	50	0.7394515	0.7435209		0.6	20
1,1,2-Trichloroethane	A	50.0	51	0.4170626	0.4263096		2.2	20
Tetrachloroethene	L	50.0	59	0.4255881	0.5674157		18.8	20
Dibromochloromethane	A	50.0	51	0.5531756	0.5592742		1.1	20
Chlorobenzene	A	50.0	50	1.107549	1.111613	0.3	0.4	20
Ethylbenzene	A	50.0	51	0.5354169	0.542498		1.3	20
m,p-Xylenes	A	100	100	0.6564456	0.6889279		4.9	20
o-Xylene	A	50.0	51	0.5805584	0.655445		12.9	20

CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Instrument ID:	JVGCMS2	Calibration:	0707006
Lab File ID:	11GF022.D	Calibration Date:	07/12/07 10:46
Sequence:	BA00966	Injection Date:	07/12/07
Lab Sample ID:	BA00966-CCV1	Injection Time:	02:24

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Bromoform	A	50.0	54	0.3914166	0.4261093	0.1	8.9	20
1,1,2,2-Tetrachloroethane	A	50.0	49	0.6851681	0.673473	0.3	-1.7	20
1,3-Dichlorobenzene	A	50.0	52	1.595458	1.667765		4.5	20
1,4-Dichlorobenzene	A	50.0	50	1.715413	1.721636		0.4	20
1,2-Dichlorobenzene	A	50.0	51	1.605373	1.63784		2.0	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Instrument ID:	JVGCMS2	Calibration:	0707006
Lab File ID:	11GK003.D	Calibration Date:	07/12/07 10:46
Sequence:	BA00966	Injection Date:	07/16/07
Lab Sample ID:	BA00966-CCV3	Injection Time:	12:02

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Chloromethane	L	50.0	26	1.83756	0.7750384	0.1	-48.9	20 *
Vinyl chloride	A	50.0	40	1.028633	0.8193605		-20.3	20 *
Bromomethane	L	50.0	46	0.6023942	0.5995501		-7.5	20
Chloroethane	L	50.0	41	0.6245393	0.4573649		-18.5	20
1,1-Dichloroethene	A	50.0	38	0.7059092	0.5333245		-24.4	20 *
Methylene chloride	L	50.0	45	1.003014	0.7205624		-10.7	20
Methyl-tert-Butyl Ether	A	50.0	40	2.504395	2.003885		-20.0	20
trans-1,2-Dichloroethene	A	50.0	40	0.7455603	0.5992348		-19.6	20
cis-1,2-Dichloroethene	A	50.0	42	0.6978552	0.5840105		-16.3	20
1,1-Dichloroethane	A	50.0	37	1.572187	1.168616	0.1	-25.7	20 *
Chloroform	A	50.0	43	1.513584	1.292664		-14.6	20
1,1,1-Trichloroethane	A	50.0	47	1.182537	1.115635		-5.7	20
Carbon tetrachloride	A	50.0	59	0.5460168	0.6440272		18.0	20
1,2-Dichloroethane	A	50.0	48	0.8011573	0.7644426		-4.6	20
Benzene	A	50.0	48	1.478166	1.407356		-4.8	20
Trichloroethene	A	50.0	53	0.3656033	0.3883043		6.2	20
1,2-Dichloropropane	A	50.0	41	0.4085594	0.3390533		-17.0	20
Bromodichloromethane	A	50.0	50	0.7247631	0.7257547		0.1	20
2-Chloroethyl Vinyl Ether	L	250	310	9.572934E-02	0.2099271		24.7	20 *
cis-1,3-Dichloropropene	A	50.0	50	0.6863861	0.6828118		-0.5	20
Toluene	A	50.0	50	1.016883	1.023383		0.6	20
trans-1,3-Dichloropropene	A	50.0	58	0.7394515	0.8650833		17.0	20
1,1,2-Trichloroethane	A	50.0	55	0.4170626	0.4583276		9.9	20
Tetrachloroethene	L	50.0	43	0.4255881	0.4132254		-13.4	20
Dibromochloromethane	A	50.0	63	0.5531756	0.6915534		25.0	20 *
Chlorobenzene	A	50.0	52	1.107549	1.146094	0.3	3.5	20
Ethylbenzene	A	50.0	51	0.5354169	0.5512406		3.0	20
m,p-Xylenes	A	100	110	0.6564456	0.7026912		7.0	20
o-Xylene	A	50.0	57	0.5805584	0.6574221		13.2	20

CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Instrument ID:	JVGCMS2	Calibration:	0707006
Lab File ID:	11GK003.D	Calibration Date:	07/12/07 10:46
Sequence:	BA00966	Injection Date:	07/16/07
Lab Sample ID:	BA00966-CCV3	Injection Time:	12:02

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Bromoform	A	50.0	63	0.3914166	0.4915239	0.1	25.6	20 *
1,1,2,2-Tetrachloroethane	A	50.0	46	0.6851681	0.6346626	0.3	-7.4	20
1,3-Dichlorobenzene	A	50.0	55	1.595458	1.753697		9.9	20
1,4-Dichlorobenzene	A	50.0	52	1.715413	1.798631		4.9	20
1,2-Dichlorobenzene	A	50.0	53	1.605373	1.700152		5.9	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

SURROGATE STANDARD RECOVERY AND RT SUMMARY
EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Sequence:	BA00966	Instrument:	JVGCMS2
Matrix:	Water	Calibration:	0707006

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (BA00966-CCV1)			Lab File ID: 11GF022.D		Analyzed: 07/12/07 02:24			
Dibromofluoromethane	50.0	99	80 - 120	8.36	8.368333	-0.0083	+/-1.0	
Toluene-d8	50.0	98	80 - 120	11.04	11.04167	-0.0017	+/-1.0	
4-Bromofluorobenzene	50.0	101	80 - 120	14.63	14.63667	-0.0067	+/-1.0	
Blank (7G12008-BLK1)			Lab File ID: 11GF024.D		Analyzed: 07/12/07 03:29			
Dibromofluoromethane	50.0	108	85 - 115	8.37	8.368333	0.0017	+/-1.0	
Toluene-d8	50.0	99	85 - 120	11.04	11.04167	-0.0017	+/-1.0	
4-Bromofluorobenzene	50.0	99	75 - 120	14.64	14.63667	0.0033	+/-1.0	
LCS (7G12008-BS1)			Lab File ID: 11GF025.D		Analyzed: 07/12/07 04:01			
Dibromofluoromethane	50.0	111	85 - 115	8.36	8.368333	-0.0083	+/-1.0	
Toluene-d8	50.0	97	85 - 120	11.04	11.04167	-0.0017	+/-1.0	
4-Bromofluorobenzene	50.0	107	75 - 120	14.64	14.63667	0.0033	+/-1.0	
Matrix Spike (7G12008-MS1)			Lab File ID: 11GF026.D		Analyzed: 07/12/07 04:33			
Dibromofluoromethane	50.0	109	85 - 115	8.36	8.368333	-0.0083	+/-1.0	
Toluene-d8	50.0	99	85 - 120	11.04	11.04167	-0.0017	+/-1.0	
4-Bromofluorobenzene	50.0	110	75 - 120	14.64	14.63667	0.0033	+/-1.0	
Matrix Spike Dup (7G12008-MSD1)			Lab File ID: 11GF027.D		Analyzed: 07/12/07 05:06			
Dibromofluoromethane	50.0	113	85 - 115	8.36	8.368333	-0.0083	+/-1.0	
Toluene-d8	50.0	95	85 - 120	11.04	11.04167	-0.0017	+/-1.0	
4-Bromofluorobenzene	50.0	111	75 - 120	14.63	14.63667	-0.0067	+/-1.0	
JAX25-MW14-20070706 (B706062-01)			Lab File ID: 11GF029.D		Analyzed: 07/12/07 06:10			
Dibromofluoromethane	50.0	114	85 - 115	8.37	8.368333	0.0017	+/-1.0	
Toluene-d8	50.0	96	85 - 120	11.03	11.04167	-0.0117	+/-1.0	
4-Bromofluorobenzene	50.0	102	75 - 120	14.64	14.63667	0.0033	+/-1.0	
Trip Blank (B706062-06)			Lab File ID: 11GF030.D		Analyzed: 07/12/07 06:43			
Dibromofluoromethane	50.0	114	85 - 115	8.37	8.368333	0.0017	+/-1.0	
Toluene-d8	50.0	96	85 - 120	11.03	11.04167	-0.0117	+/-1.0	
4-Bromofluorobenzene	50.0	101	75 - 120	14.64	14.63667	0.0033	+/-1.0	
Trip Blank (B706062-07)			Lab File ID: 11GF031.D		Analyzed: 07/12/07 07:15			
Dibromofluoromethane	50.0	119	85 - 115	8.36	8.368333	-0.0083	+/-1.0	*
Toluene-d8	50.0	98	85 - 120	11.04	11.04167	-0.0017	+/-1.0	
4-Bromofluorobenzene	50.0	103	75 - 120	14.63	14.63667	-0.0067	+/-1.0	

SURROGATE STANDARD RECOVERY AND RT SUMMARY
EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Sequence:	BA00966	Instrument:	JVGCMS2
Matrix:	Water	Calibration:	0707006

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
JAX25-MW15-20070706 (B706062-02)			Lab File ID: 11GF032.D		Analyzed: 07/12/07 07:47			
Dibromofluoromethane	50.0	117	85 - 115	8.36	8.368333	-0.0083	+/-1.0	*
Toluene-d8	50.0	97	85 - 120	11.04	11.04167	-0.0017	+/-1.0	
4-Bromofluorobenzene	50.0	104	75 - 120	14.63	14.63667	-0.0067	+/-1.0	
JAX25-MW09-20070706 (B706062-03)			Lab File ID: 11GF033.D		Analyzed: 07/12/07 08:20			
Dibromofluoromethane	50.0	113	85 - 115	8.37	8.368333	0.0017	+/-1.0	
Toluene-d8	50.0	98	85 - 120	11.04	11.04167	-0.0017	+/-1.0	
4-Bromofluorobenzene	50.0	104	75 - 120	14.64	14.63667	0.0033	+/-1.0	
JAX25-DUP-20070706 (B706062-04)			Lab File ID: 11GF034.D		Analyzed: 07/12/07 08:52			
Dibromofluoromethane	50.0	115	85 - 115	8.36	8.368333	-0.0083	+/-1.0	
Toluene-d8	50.0	92	85 - 120	11.04	11.04167	-0.0017	+/-1.0	
4-Bromofluorobenzene	50.0	102	75 - 120	14.64	14.63667	0.0033	+/-1.0	
JAX25-MW05-20070706 (B706062-05)			Lab File ID: 11GF035.D		Analyzed: 07/12/07 09:24			
Dibromofluoromethane	50.0	112	85 - 115	8.37	8.368333	0.0017	+/-1.0	
Toluene-d8	50.0	95	85 - 120	11.03	11.04167	-0.0117	+/-1.0	
4-Bromofluorobenzene	50.0	101	75 - 120	14.64	14.63667	0.0033	+/-1.0	
JAX25-MW13-20070705 (B705885-01)			Lab File ID: 11GF036.D		Analyzed: 07/12/07 09:56			
Dibromofluoromethane	50.0	113	85 - 115	8.37	8.368333	0.0017	+/-1.0	
Toluene-d8	50.0	93	85 - 120	11.03	11.04167	-0.0117	+/-1.0	
4-Bromofluorobenzene	50.0	104	75 - 120	14.64	14.63667	0.0033	+/-1.0	
JAX25-MW04-20070705 (B705885-02)			Lab File ID: 11GF037.D		Analyzed: 07/12/07 10:29			
Dibromofluoromethane	50.0	114	85 - 115	8.37	8.368333	0.0017	+/-1.0	
Toluene-d8	50.0	94	85 - 120	11.03	11.04167	-0.0117	+/-1.0	
4-Bromofluorobenzene	50.0	114	75 - 120	14.64	14.63667	0.0033	+/-1.0	
JAX25-MW12-20070705 (B705885-03)			Lab File ID: 11GF038.D		Analyzed: 07/12/07 11:01			
Dibromofluoromethane	50.0	115	85 - 115	8.36	8.368333	-0.0083	+/-1.0	
Toluene-d8	50.0	98	85 - 120	11.04	11.04167	-0.0017	+/-1.0	
4-Bromofluorobenzene	50.0	102	75 - 120	14.63	14.63667	-0.0067	+/-1.0	
JAX25-MW03-20070705 (B705885-04)			Lab File ID: 11GF039.D		Analyzed: 07/12/07 11:33			
Dibromofluoromethane	50.0	109	85 - 115	8.36	8.368333	-0.0083	+/-1.0	
Toluene-d8	50.0	101	85 - 120	11.04	11.04167	-0.0017	+/-1.0	
4-Bromofluorobenzene	50.0	117	75 - 120	14.63	14.63667	-0.0067	+/-1.0	

SURROGATE STANDARD RECOVERY AND RT SUMMARY
EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Sequence:	BA00966	Instrument:	JVGCMS2
Matrix:	Water	Calibration:	0707006

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
JAX25-MW07-20070705 (B705885-05)			Lab File ID: 11GF040.D		Analyzed: 07/12/07 12:05			
Dibromofluoromethane	50.0	114	85 - 115	8.36	8.368333	-0.0083	+/-1.0	
Toluene-d8	50.0	95	85 - 120	11.04	11.04167	-0.0017	+/-1.0	
4-Bromofluorobenzene	50.0	102	75 - 120	14.64	14.63667	0.0033	+/-1.0	
JAX25-MW01-20070705 (B705885-06)			Lab File ID: 11GF041.D		Analyzed: 07/12/07 12:38			
Dibromofluoromethane	50.0	120	85 - 115	8.36	8.368333	-0.0083	+/-1.0	*
Toluene-d8	50.0	93	85 - 120	11.04	11.04167	-0.0017	+/-1.0	
4-Bromofluorobenzene	50.0	102	75 - 120	14.63	14.63667	-0.0067	+/-1.0	
JAX25-MW02-20070705 (B705885-07)			Lab File ID: 11GF042.D		Analyzed: 07/12/07 13:10			
Dibromofluoromethane	50.0	116	85 - 115	8.36	8.368333	-0.0083	+/-1.0	*
Toluene-d8	50.0	95	85 - 120	11.04	11.04167	-0.0017	+/-1.0	
4-Bromofluorobenzene	50.0	103	75 - 120	14.63	14.63667	-0.0067	+/-1.0	
JAX25-MW11-20070705 (B705885-08)			Lab File ID: 11GG009.D		Analyzed: 07/12/07 19:49			
Dibromofluoromethane	50.0	125	85 - 115	8.36	8.368333	-0.0083	+/-1.0	*
Toluene-d8	50.0	92	85 - 120	11.04	11.04167	-0.0017	+/-1.0	
4-Bromofluorobenzene	50.0	103	75 - 120	14.64	14.63667	0.0033	+/-1.0	
Calibration Check (BA00966-CCV3)			Lab File ID: 11GK003.D		Analyzed: 07/16/07 12:02			
Dibromofluoromethane	50.0	89	85 - 115	8.36	8.368333	-0.0083	+/-1.0	
Toluene-d8	50.0	90	85 - 120	11.03	11.04167	-0.0117	+/-1.0	
4-Bromofluorobenzene	50.0	102	75 - 120	14.64	14.63667	0.0033	+/-1.0	
Blank (7G12008-BLK3)			Lab File ID: 11GK006.D		Analyzed: 07/16/07 13:44			
Dibromofluoromethane	50.0	103	85 - 115	8.36	8.368333	-0.0083	+/-1.0	
Toluene-d8	50.0	88	85 - 120	11.04	11.04167	-0.0017	+/-1.0	
4-Bromofluorobenzene	50.0	103	75 - 120	14.63	14.63667	-0.0067	+/-1.0	
Trip Blank (B706062-07RE1)			Lab File ID: 11GK015.D		Analyzed: 07/16/07 18:34			
Dibromofluoromethane	50.0	111	85 - 115	8.36	8.368333	-0.0083	+/-1.0	
Toluene-d8	50.0	88	85 - 120	11.04	11.04167	-0.0017	+/-1.0	
4-Bromofluorobenzene	50.0	104	75 - 120	14.64	14.63667	0.0033	+/-1.0	
JAX25-MW15-20070706 (B706062-02RE1)			Lab File ID: 11GK016.D		Analyzed: 07/16/07 19:06			
Dibromofluoromethane	50.0	108	85 - 115	8.36	8.368333	-0.0083	+/-1.0	
Toluene-d8	50.0	89	85 - 120	11.04	11.04167	-0.0017	+/-1.0	
4-Bromofluorobenzene	50.0	103	75 - 120	14.64	14.63667	0.0033	+/-1.0	

SURROGATE STANDARD RECOVERY AND RT SUMMARY

EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Sequence:	BA00966	Instrument:	JVGCMS2
Matrix:	Water	Calibration:	0707006

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
JAX25-MW12-20070705 (B705885-03RE1)			Lab File ID: 11GK017.D		Analyzed: 07/16/07 19:38			
Dibromofluoromethane	50.0	107	85 - 115	8.36	8.368333	-0.0083	+/-1.0	
Toluene-d8	50.0	89	85 - 120	11.03	11.04167	-0.0117	+/-1.0	
4-Bromofluorobenzene	50.0	103	75 - 120	14.64	14.63667	0.0033	+/-1.0	
JAX25-MW02-20070705 (B705885-07RE1)			Lab File ID: 11GK018.D		Analyzed: 07/16/07 20:10			
Dibromofluoromethane	50.0	111	85 - 115	8.36	8.368333	-0.0083	+/-1.0	
Toluene-d8	50.0	89	85 - 120	11.04	11.04167	-0.0017	+/-1.0	
4-Bromofluorobenzene	50.0	103	75 - 120	14.64	14.63667	0.0033	+/-1.0	
JAX25-MW11-20070705 (B705885-08RE1)			Lab File ID: 11GK019.D		Analyzed: 07/16/07 20:42			
Dibromofluoromethane	50.0	109	85 - 115	8.36	8.368333	-0.0083	+/-1.0	
Toluene-d8	50.0	89	85 - 120	11.03	11.04167	-0.0117	+/-1.0	
4-Bromofluorobenzene	50.0	104	75 - 120	14.63	14.63667	-0.0067	+/-1.0	
JAX25-MW01-20070705 (B705885-06RE1)			Lab File ID: 11GK020.D		Analyzed: 07/16/07 21:15			
Dibromofluoromethane	50.0	113	85 - 115	8.36	8.368333	-0.0083	+/-1.0	
Toluene-d8	50.0	88	85 - 120	11.03	11.04167	-0.0117	+/-1.0	
4-Bromofluorobenzene	50.0	104	75 - 120	14.64	14.63667	0.0033	+/-1.0	

INTERNAL STANDARD AREA AND RT SUMMARY
EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Sequence:	BA00966	Instrument:	JVGCMS2
Matrix:	Water	Calibration:	0707006

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Blank (7G12008-BLK1)			Lab File ID: 11GF024.D			Analyzed: 07/12/07 03:29			
Pentafluorobenzene	681888	8.79	844622	8.8	81	50 - 200	-0.0100	+/-0.50	
1,4-Difluorobenzene	1091826	9.44	1459855	9.44	75	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	928405	13.01	1396231	13.01	66	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	447511	16.1	787783	16.1	57	50 - 200	0.0000	+/-0.50	
JAX25-MW14-20070706 (B706062-01)			Lab File ID: 11GF029.D			Analyzed: 07/12/07 06:10			
Pentafluorobenzene	637422	8.79	844622	8.8	75	50 - 200	-0.0100	+/-0.50	
1,4-Difluorobenzene	1051467	9.44	1459855	9.44	72	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	857575	13.01	1396231	13.01	61	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	416195	16.1	787783	16.1	53	50 - 200	0.0000	+/-0.50	
Trip Blank (B706062-06)			Lab File ID: 11GF030.D			Analyzed: 07/12/07 06:43			
Pentafluorobenzene	642147	8.79	844622	8.8	76	50 - 200	-0.0100	+/-0.50	
1,4-Difluorobenzene	1020648	9.44	1459855	9.44	70	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	846088	13.01	1396231	13.01	61	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	401869	16.1	787783	16.1	51	50 - 200	0.0000	+/-0.50	
Trip Blank (B706062-07)			Lab File ID: 11GF031.D			Analyzed: 07/12/07 07:15			
Pentafluorobenzene	602175	8.8	844622	8.8	71	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	970138	9.44	1459855	9.44	66	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	797037	13.01	1396231	13.01	57	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	388088	16.11	787783	16.1	49	50 - 200	0.0100	+/-0.50	*
JAX25-MW15-20070706 (B706062-02)			Lab File ID: 11GF032.D			Analyzed: 07/12/07 07:47			
Pentafluorobenzene	569318	8.8	844622	8.8	67	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	919364	9.44	1459855	9.44	63	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	775886	13.01	1396231	13.01	56	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	377404	16.11	787783	16.1	48	50 - 200	0.0100	+/-0.50	*
JAX25-MW09-20070706 (B706062-03)			Lab File ID: 11GF033.D			Analyzed: 07/12/07 08:20			
Pentafluorobenzene	621688	8.79	844622	8.8	74	50 - 200	-0.0100	+/-0.50	
1,4-Difluorobenzene	982968	9.44	1459855	9.44	67	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	825273	13.01	1396231	13.01	59	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	417582	16.1	787783	16.1	53	50 - 200	0.0000	+/-0.50	
JAX25-DUP-20070706 (B706062-04)			Lab File ID: 11GF034.D			Analyzed: 07/12/07 08:52			
Pentafluorobenzene	682859	8.8	844622	8.8	81	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1096392	9.44	1459855	9.44	75	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	883267	13.01	1396231	13.01	63	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	426028	16.11	787783	16.1	54	50 - 200	0.0100	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY
EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Sequence:	BA00966	Instrument:	JVGCMS2
Matrix:	Water	Calibration:	0707006

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
JAX25-MW05-20070706 (B706062-05)			Lab File ID: 11GF035.D			Analyzed: 07/12/07 09:24			
Pentafluorobenzene	686556	8.79	844622	8.8	81	50 - 200	-0.0100	+/-0.50	
1,4-Difluorobenzene	1085895	9.44	1459855	9.44	74	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	889948	13.01	1396231	13.01	64	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	431182	16.1	787783	16.1	55	50 - 200	0.0000	+/-0.50	
JAX25-MW13-20070705 (B705885-01)			Lab File ID: 11GF036.D			Analyzed: 07/12/07 09:56			
Pentafluorobenzene	693649	8.79	844622	8.8	82	50 - 200	-0.0100	+/-0.50	
1,4-Difluorobenzene	1130807	9.44	1459855	9.44	77	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	880719	13.01	1396231	13.01	63	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	428413	16.1	787783	16.1	54	50 - 200	0.0000	+/-0.50	
JAX25-MW04-20070705 (B705885-02)			Lab File ID: 11GF037.D			Analyzed: 07/12/07 10:29			
Pentafluorobenzene	655658	8.79	844622	8.8	78	50 - 200	-0.0100	+/-0.50	
1,4-Difluorobenzene	1062584	9.44	1459855	9.44	73	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	867757	13.01	1396231	13.01	62	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	468065	16.1	787783	16.1	59	50 - 200	0.0000	+/-0.50	
JAX25-MW12-20070705 (B705885-03)			Lab File ID: 11GF038.D			Analyzed: 07/12/07 11:01			
Pentafluorobenzene	621067	8.8	844622	8.8	74	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	980743	9.44	1459855	9.44	67	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	808436	13.01	1396231	13.01	58	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	387519	16.11	787783	16.1	49	50 - 200	0.0100	+/-0.50	*
JAX25-MW03-20070705 (B705885-04)			Lab File ID: 11GF039.D			Analyzed: 07/12/07 11:33			
Pentafluorobenzene	641993	8.8	844622	8.8	76	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1038840	9.44	1459855	9.44	71	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	950453	13.01	1396231	13.01	68	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	575720	16.11	787783	16.1	73	50 - 200	0.0100	+/-0.50	
JAX25-MW07-20070705 (B705885-05)			Lab File ID: 11GF040.D			Analyzed: 07/12/07 12:05			
Pentafluorobenzene	667326	8.8	844622	8.8	79	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1051211	9.44	1459855	9.44	72	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	854898	13.01	1396231	13.01	61	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	409293	16.11	787783	16.1	52	50 - 200	0.0100	+/-0.50	
JAX25-MW01-20070705 (B705885-06)			Lab File ID: 11GF041.D			Analyzed: 07/12/07 12:38			
Pentafluorobenzene	618927	8.8	844622	8.8	73	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	989585	9.44	1459855	9.44	68	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	769526	13.01	1396231	13.01	55	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	379672	16.11	787783	16.1	48	50 - 200	0.0100	+/-0.50	*

INTERNAL STANDARD AREA AND RT SUMMARY
EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Sequence:	BA00966	Instrument:	JVGCMS2
Matrix:	Water	Calibration:	0707006

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
JAX25-MW02-20070705 (B705885-07)			Lab File ID: 11GF042.D			Analyzed: 07/12/07 13:10			
Pentafluorobenzene	593352	8.8	844622	8.8	70	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	947788	9.44	1459855	9.44	65	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	779576	13.01	1396231	13.01	56	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	379073	16.11	787783	16.1	48	50 - 200	0.0100	+/-0.50	*
JAX25-MW11-20070705 (B705885-08)			Lab File ID: 11GG009.D			Analyzed: 07/12/07 19:49			
Pentafluorobenzene	547829	8.8	844622	8.8	65	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	894111	9.45	1459855	9.44	61	50 - 200	0.0100	+/-0.50	
Chlorobenzene-d5	672125	13.02	1396231	13.01	48	50 - 200	0.0100	+/-0.50	*
1,4-Dichlorobenzene-d4	325351	16.11	787783	16.1	41	50 - 200	0.0100	+/-0.50	*
Blank (7G12008-BLK3)			Lab File ID: 11GK006.D			Analyzed: 07/16/07 13:44			
Pentafluorobenzene	930154	8.79	844622	8.8	110	50 - 200	-0.0100	+/-0.50	
1,4-Difluorobenzene	1386762	9.44	1459855	9.44	95	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	975381	13.01	1396231	13.01	70	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	476160	16.11	787783	16.1	60	50 - 200	0.0100	+/-0.50	
Trip Blank (B706062-07RE1)			Lab File ID: 11GK015.D			Analyzed: 07/16/07 18:34			
Pentafluorobenzene	882188	8.79	844622	8.8	104	50 - 200	-0.0100	+/-0.50	
1,4-Difluorobenzene	1335682	9.44	1459855	9.44	91	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	940309	13.01	1396231	13.01	67	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	474493	16.11	787783	16.1	60	50 - 200	0.0100	+/-0.50	
JAX25-MW15-20070706 (B706062-02RE1)			Lab File ID: 11GK016.D			Analyzed: 07/16/07 19:06			
Pentafluorobenzene	859706	8.79	844622	8.8	102	50 - 200	-0.0100	+/-0.50	
1,4-Difluorobenzene	1286036	9.44	1459855	9.44	88	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	915275	13	1396231	13.01	66	50 - 200	-0.0100	+/-0.50	
1,4-Dichlorobenzene-d4	458608	16.1	787783	16.1	58	50 - 200	0.0000	+/-0.50	
JAX25-MW12-20070705 (B705885-03RE1)			Lab File ID: 11GK017.D			Analyzed: 07/16/07 19:38			
Pentafluorobenzene	887314	8.79	844622	8.8	105	50 - 200	-0.0100	+/-0.50	
1,4-Difluorobenzene	1338767	9.44	1459855	9.44	92	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	960384	13.01	1396231	13.01	69	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	490603	16.1	787783	16.1	62	50 - 200	0.0000	+/-0.50	
JAX25-MW02-20070705 (B705885-07RE1)			Lab File ID: 11GK018.D			Analyzed: 07/16/07 20:10			
Pentafluorobenzene	862616	8.79	844622	8.8	102	50 - 200	-0.0100	+/-0.50	
1,4-Difluorobenzene	1289481	9.44	1459855	9.44	88	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	936170	13	1396231	13.01	67	50 - 200	-0.0100	+/-0.50	
1,4-Dichlorobenzene-d4	479719	16.1	787783	16.1	61	50 - 200	0.0000	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY
EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Sequence:	BA00966	Instrument:	JVGCMS2
Matrix:	Water	Calibration:	0707006

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
JAX25-MW11-20070705 (B705885-08RE1)			Lab File ID: 11GK019.D			Analyzed: 07/16/07 20:42			
Pentafluorobenzene	854970	8.79	844622	8.8	101	50 - 200	-0.0100	+/-0.50	
1,4-Difluorobenzene	1294717	9.44	1459855	9.44	89	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	905261	13.01	1396231	13.01	65	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	466470	16.1	787783	16.1	59	50 - 200	0.0000	+/-0.50	
JAX25-MW01-20070705 (B705885-06RE1)			Lab File ID: 11GK020.D			Analyzed: 07/16/07 21:15			
Pentafluorobenzene	836829	8.79	844622	8.8	99	50 - 200	-0.0100	+/-0.50	
1,4-Difluorobenzene	1287343	9.43	1459855	9.44	88	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	892300	13	1396231	13.01	64	50 - 200	-0.0100	+/-0.50	
1,4-Dichlorobenzene-d4	453341	16.1	787783	16.1	58	50 - 200	0.0000	+/-0.50	

INITIAL CALIBRATION STANDARDS

EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Sequence:	BA00970	Instrument:	JVGCMS2
Calibration:	0707006		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
B7G0105	50 ng on column BFB tuning	BA00970-TUN1	11GF001.D	07/11/07 15:08
B7G0108	0.2 PPB-BA00970-CAL1	BA00970-CAL1	11GF004.D	07/11/07 16:45
B7G0107	1.0 PPB-BA00970-CAL2	BA00970-CAL2	11GF006.D	07/11/07 17:49
B7G0106	5.0 PPB-BA00970-CAL3	BA00970-CAL3	11GF007.D	07/11/07 18:21
B7G0109	20 PPB-BA00970-CAL4	BA00970-CAL4	11GF008.D	07/11/07 18:54
B7G0110	50 PPB-BA00970-CAL5	BA00970-CAL5	11GF009.D	07/11/07 19:26
B7G0111	100 PPB-BA00970-CAL6	BA00970-CAL6	11GF011.D	07/11/07 20:30
B7G0112	200 PPB-BA00970-CAL7	BA00970-CAL7	11GF014.D	07/11/07 22:07
B7G0114	SECOND SOURCE CAL. VER.-100PPB	BA00970-SCV2	11GF018.D	07/12/07 00:16

INITIAL CALIBRATION DATA
EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Calibration:	0707006	Instrument:	JVGCMS2
Matrix:	Water	Calibration Date:	07/12/07 10:46

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Chloromethane			1	2.825744	5	2.296742	20	1.632455	50	1.624589	100	1.271557
Vinyl chloride			1	1.170443	5	1.044629	20	0.9883105	50	1.112821	100	0.9293117
Bromomethane			1	0.6698397	5	0.4578652	20	0.5439118	50	0.6908866	100	0.6494679
Chloroethane			1	0.7623948	5	0.7151899	20	0.5981595	50	0.6113161	100	0.5573555
1,1-Dichloroethene			1	0.8472689	5	0.7073647	20	0.7381062	50	0.671691	100	0.6549968
Methylene chloride			1	1.690825	5	1.003406	20	0.9367933	50	0.8582111	100	0.7752604
Methyl-tert-Butyl Ether			1	2.489064	5	2.52329	20	2.711539	50	2.468678	100	2.438938
trans-1,2-Dichloroethene			1	0.7152851	5	0.7787379	20	0.8018591	50	0.7377087	100	0.7311521
cis-1,2-Dichloroethene			1	0.6775207	5	0.7121467	20	0.7240991	50	0.7077699	100	0.6962952
1,1-Dichloroethane			1	1.383973	5	1.700913	20	1.69206	50	1.598508	100	1.551117
Chloroform			1	1.535671	5	1.557898	20	1.598011	50	1.496343	100	1.476525
1,1,1-Trichloroethane			1	1.200015	5	1.256972	20	1.23353	50	1.170136	100	1.135587
Carbon tetrachloride			1	0.5530161	5	0.6052953	20	0.5986589	50	0.5362019	100	0.5216698
1,2-Dichloroethane			1	0.7727713	5	0.8411462	20	0.867097	50	0.8174305	100	0.7762125
Benzene			1	1.580567	5	1.521063	20	1.545528	50	1.518135	100	1.397893
Trichloroethene			1	0.3179376	5	0.3887319	20	0.3727678	50	0.3838724	100	0.3695184
1,2-Dichloropropane			1	0.4119042	5	0.4138086	20	0.4169245	50	0.4200321	100	0.3987332
Bromodichloromethane	0.2	0.7665458	1	0.7289094	5	0.7329531	20	0.7523508	50	0.7321337	100	0.6852509
2-Chloroethyl Vinyl Ether			5	3.120597E-02	25	3.777314E-02	100	9.511417E-02	250	0.1288807		
cis-1,3-Dichloropropene	0.2	0.6654388	1	0.6231464	5	0.6416578	20	0.6948828	50	0.7351956	100	0.724184
Toluene			1	1.174959	5	1.060923	20	1.041774	50	0.9995474	100	0.9144665
trans-1,3-Dichloropropene	0.2	0.7648323	1	0.6851116	5	0.7609837	20	0.7876013	50	0.7740266	100	0.7085066
1,1,2-Trichloroethane			1	0.4058803	5	0.4169732	20	0.4412342	50	0.4352625	100	0.4081562
Tetrachloroethene			1	0.3565804	5	0.3457174	20	0.3620022	50	0.5159046	100	0.5012478
Dibromochloromethane	0.2	0.5507068	1	0.5548157	5	0.5725383	20	0.5855576	50	0.561405	100	0.5253695
Chlorobenzene			1	1.06785	5	1.129659	20	1.158397	50	1.176202	100	1.084805
Ethylbenzene			1	0.5184823	5	0.5240121	20	0.5450889	50	0.5710201	100	0.5352977
m,p-Xylenes			2	0.5394179	10	0.6550539	40	0.7016152	100	0.7327813	200	0.6797842
o-Xylene			1	0.4312732	5	0.5353038	20	0.6259705	50	0.6786069	100	0.6200894
Bromoform			1	0.3758952	5	0.3765986	20	0.4264238	50	0.4098677	100	0.3899378
1,1,2,2-Tetrachloroethane	0.2	0.7921724	1	0.6627353	5	0.6733334	20	0.7299471	50	0.6951479	100	0.6354239

INITIAL CALIBRATION DATA
EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Calibration:	0707006	Instrument:	JVGCMS2
Matrix:	Water	Calibration Date:	07/12/07 10:46

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,3-Dichlorobenzene			1	1.464896	5	1.517026	20	1.657392	50	1.732566	100	1.635248
1,4-Dichlorobenzene			1	1.790715	5	1.708798	20	1.759881	50	1.777318	100	1.669075
1,2-Dichlorobenzene			1	1.631403	5	1.521379	20	1.646785	50	1.686428	100	1.605874
Dibromofluoromethane			50	0.723857	50	0.770662	50	0.7530611	50	0.7025841	50	0.7189853
Toluene-d8			50	1.1938	50	1.119438	50	1.0952	50	1.115794	50	1.138634
4-Bromofluorobenzene			50	0.5809253	50	0.5957024	50	0.6221923	50	0.5864359	50	0.5731857

INITIAL CALIBRATION DATA (Continued)

EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Calibration:	0707006	Instrument:	JVGCMS2
Matrix:	Water	Calibration Date:	07/12/07 10:46

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Chloromethane	200	1.374273										
Vinyl chloride	200	0.9262838										
Bromomethane												
Chloroethane	200	0.5028202										
1,1-Dichloroethene	200	0.6160276										
Methylene chloride	200	0.7535911										
Methyl-tert-Butyl Ether	200	2.394862										
trans-1,2-Dichloroethene	200	0.7086187										
cis-1,2-Dichloroethene	200	0.6692994										
1,1-Dichloroethane	200	1.506554										
Chloroform	200	1.417057										
1,1,1-Trichloroethane	200	1.098985										
Carbon tetrachloride	200	0.4612585										
1,2-Dichloroethane	200	0.7322861										
Benzene	200	1.305812										
Trichloroethene	200	0.3607917										
1,2-Dichloropropane	200	0.389954										
Bromodichloromethane	200	0.675198										
2-Chloroethyl Vinyl Ether	1000	0.1856727										
cis-1,3-Dichloropropene	200	0.7201976										
Toluene	200	0.9096296										
trans-1,3-Dichloropropene	200	0.6950981										
1,1,2-Trichloroethane	200	0.3948694										
Tetrachloroethene	200	0.4720761										
Dibromochloromethane	200	0.5218365										
Chlorobenzene	200	1.028379										
Ethylbenzene	200	0.5186001										
m,p-Xylenes	400	0.6300208										
o-Xylene	200	0.5921065										
Bromoform	200	0.3697768										
1,1,2,2-Tetrachloroethane	200	0.6074168										

INITIAL CALIBRATION DATA (Continued)

EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Calibration:	0707006	Instrument:	JVGCMS2
Matrix:	Water	Calibration Date:	07/12/07 10:46

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,3-Dichlorobenzene	200	1.565623										
1,4-Dichlorobenzene	200	1.586693										
1,2-Dichlorobenzene	200	1.540367										
Dibromofluoromethane	50	0.6998327										
Toluene-d8	50	1.171509										
4-Bromofluorobenzene	50	0.5466982										

INITIAL CALIBRATION DATA (Continued)

EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Calibration:	0707006	Instrument:	JVGCMS2
Matrix:	Water	Calibration Date:	07/12/07 10:46

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Chloromethane	1.83756	32.74053	4.245	0.1291999	0.9954545		SPCC (0.1)	
Vinyl chloride	1.028633	9.665052	4.378333	9.201316E-02			CCC (30)	
Bromomethane	0.6023942	16.37153	4.874	0.1115597	0.9972216		0.995	
Chloroethane	0.6245393	15.59349	5.041667	0.1496103	0.9958531		0.995	
1,1-Dichloroethene	0.7059092	11.4847	5.858333	7.385355E-02			CCC (30)	
Methylene chloride	1.003014	34.89541	6.506667	8.064739E-02	0.9990077		0.995	
Methyl-tert-Butyl Ether	2.504395	4.412479	6.753333	7.544192E-02			15	
trans-1,2-Dichloroethene	0.7455603	4.953947	6.681667	0.1122831			15	
cis-1,2-Dichloroethene	0.6978552	3.021247	7.915	6.895888E-02			15	
1,1-Dichloroethane	1.572187	7.622528	7.353333	7.046344E-02			SPCC (0.1)	
Chloroform	1.513584	4.237417	8.161667	4.478251E-02			CCC (30)	
1,1,1-Trichloroethane	1.182537	5.043488	8.451667	8.865785E-02			15	
Carbon tetrachloride	0.5460168	9.762559	8.376667	6.385907E-02			15	
1,2-Dichloroethane	0.8011573	6.211737	9.06	2.070075E-02			15	
Benzene	1.478166	7.070188	8.85	2.148775E-02			15	
Trichloroethene	0.3656033	6.952486	9.45	1.404815E-02			15	
1,2-Dichloropropane	0.4085594	2.860802	10.07	1.493931E-02			CCC (30)	
Bromodichloromethane	0.7247631	4.598069	10.08	1.110604E-02			15	
2-Chloroethyl Vinyl Ether	9.572934E-02	67.5198	10.662	4.198277E-02	0.9948232		0.995	*
cis-1,3-Dichloropropene	0.6863861	6.368626	10.80571	5.101415E-02			15	
Toluene	1.016883	9.818232	11.10333	4.468268E-02			CCC (30)	
trans-1,3-Dichloropropene	0.7394515	5.657099	11.56286	4.111404E-02			15	
1,1,2-Trichloroethane	0.4170626	4.305774	11.785	4.584362E-02			15	
Tetrachloroethene	0.4255881	18.56914	11.58833	4.247799E-02	0.9976114		0.995	
Dibromochloromethane	0.5531756	4.210731	12.03571	3.831401E-02			15	
Chlorobenzene	1.107549	5.131259	13.04	1.581944E-02			SPCC (0.3)	
Ethylbenzene	0.5354169	3.791762	13.01	1.813171E-02			CCC (30)	
m,p-Xylenes	0.6564456	10.28864	13.19333	3.805936E-02			15	
o-Xylene	0.5805584	14.95801	13.79	1.934487E-02			15	
Bromoform	0.3914166	5.709211	13.94667	3.759346E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.6851681	8.980675	14.85143	0.0219132			SPCC (0.3)	
1,3-Dichlorobenzene	1.595458	6.160691	16.02667	2.277823E-02			15	

INITIAL CALIBRATION DATA (Continued)

EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Calibration:	0707006	Instrument:	JVGCMS2
Matrix:	Water	Calibration Date:	07/12/07 10:46

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,4-Dichlorobenzene	1.715413	4.533524	16.12333	3.547561E-02			15	
1,2-Dichlorobenzene	1.605373	3.963528	16.64	1.828525E-02			15	
Dibromofluoromethane	0.7281637	3.87739	8.368333	5.176076E-02			15	
Toluene-d8	1.139062	3.261208	11.04167	3.653757E-02			15	
4-Bromofluorobenzene	0.58419	4.275414	14.63667	3.030066E-02			15	

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260B

Laboratory: ENCO Jacksonville
SDG: BR006-024
Client: Tetra Tech NUS (BR006)
Project: Naval Air Station CTO 252
Calibration: UNASSIGNED
Laboratory ID: BA00970-SCV2
Sequence: BA00970
Standard ID: B7G0114

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DRIFT	QC LIMIT
2-Chloroethyl Vinyl Ether	100	100	1.6	25.00
4-Bromofluorobenzene	50.0	52	4.4	
Toluene-d8	50.0	50	0.5	
Dibromofluoromethane	50.0	54	7.7	
Methyl-tert-Butyl Ether	100	93	-6.8	25.00
trans-1,2-Dichloroethene	100	92	-7.5	25.00
cis-1,2-Dichloroethene	100	85	-14.7	25.00
Ethylbenzene	100	92	-8.0	25.00
Dibromochloromethane	100	92	-8.2	25.00
Chloroform	100	94	-6.2	25.00
Chlorobenzene	100	94	-6.4	25.00
Toluene	100	83	-17.2	25.00
m,p-Xylenes	200	200	-2.2	25.00
1,2-Dichloroethane	100	98	-2.2	25.00
1,4-Dichlorobenzene	100	97	-2.9	25.00
trans-1,3-Dichloropropene	100	99	-1.2	25.00
cis-1,3-Dichloropropene	100	96	-3.5	25.00
Tetrachloroethene	100	110	9.4	25.00
Methylene chloride	100	96	-3.6	25.00
o-Xylene	100	98	-2.5	25.00
1,1,2,2-Tetrachloroethane	100	94	-5.9	25.00
Trichloroethene	100	93	-6.6	25.00
1,1,2-Trichloroethane	100	92	-7.8	25.00
1,2-Dichloropropane	100	91	-8.6	25.00
1,1-Dichloroethene	100	87	-13.5	25.00
1,1-Dichloroethane	100	96	-4.3	25.00
1,3-Dichlorobenzene	100	100	1.4	25.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260B

Laboratory: ENCO Jacksonville
SDG: BR006-024
Client: Tetra Tech NUS (BR006)
Project: Naval Air Station CTO 252
Calibration: UNASSIGNED
Laboratory ID: BA00970-SCV2
Sequence: BA00970
Standard ID: B7G0114

Bromoform	100	100	2.0	25.00
Carbon tetrachloride	100	100	4.6	25.00
Vinyl chloride	100	96	-4.5	25.00
Chloroethane	100	110	7.2	25.00
Chloromethane	100	80	-19.5	25.00
Bromomethane	100	80	-19.6	25.00
1,1,1-Trichloroethane	100	96	-3.8	25.00
Benzene	100	92	-8.2	25.00
1,2-Dichlorobenzene	100	97	-2.6	25.00
Bromodichloromethane	100	89	-11.2	25.00

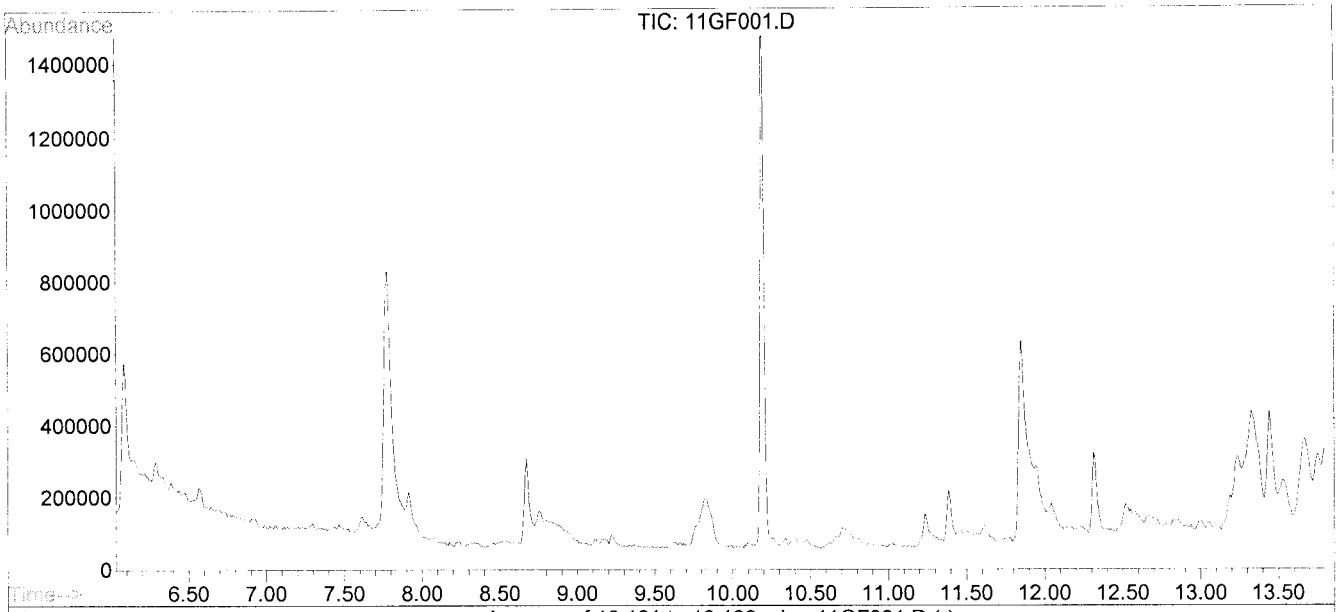
* Values outside of QC limits

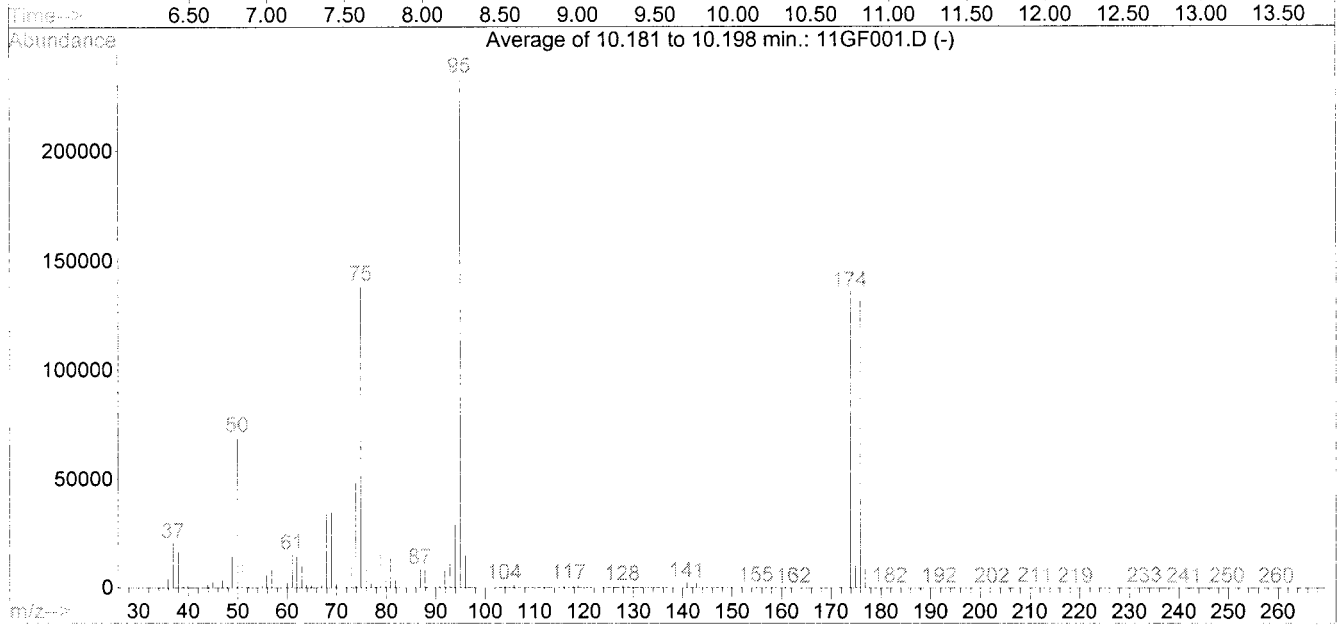
8260 Calibration Data

BFB

Data File : C:\HPCHEM\1\DATA\200711GF\11GF001.D
Acq On : 11 Jul 2007 15:08
Sample : BA00970-TUN1
Misc :
MS Integration Params: RTEINT.P
Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260

Vial: 1
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00





Spectrum Information: Average of 10.181 to 10.198 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	29.7	69282	PASS
75	95	30	60	59.3	138541	PASS
95	95	100	100	100.0	233604	PASS
96	95	5	9	6.4	14977	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	58.0	135589	PASS
175	174	5	9	7.4	10049	PASS
176	174	95	101	97.4	132027	PASS
177	176	5	9	6.7	8849	PASS

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF002.D
Acq On : 11 Jul 2007 15:41
Sample : BA00970-ICB1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 17:10 2007

Vial: 2
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGE.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGE.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Jul 11 10:09:08 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.79	168	733522	50.00 ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	9.44	114	1200518	50.00 ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.01	117	1214442	50.00 ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.10	152	549116	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	8.37	113	579973	51.54 ug/L	0.00
Spiked Amount 50.000 Range 71 - 136 Recovery = 103.08%					
44) d4-1,2-Dichloroethane(surr	8.99	65	812101	46.35 µg/L	0.00
Spiked Amount 50.000 Range 70 - 130 Recovery = 92.70%					
58) D8-Toluene (surr)	11.03	98	1386624	50.66 ug/L	0.00
Spiked Amount 50.000 Range 75 - 126 Recovery = 101.32%					
79) Bromofluorobenzene (surr)	14.64	95	682281	43.52 ug/L	0.00
Spiked Amount 50.000 Range 76 - 120 Recovery = 87.04%					

Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.86	85	169	Below Cal	76
3) Chloromethane	0.00	50	0	N.D. d	
4) Vinyl Chloride	4.37	62	661	N.D.	
5) Bromomethane	4.82	94	4395	Below Cal #	31
6) Chloroethane	5.01	64	8986	Below Cal	79
7) Trichlorofluoromethane	5.20	101	405	N.D.	
8) Diethyl ether	5.57	59	686	Below Cal #	100
9) Ethanol	5.70	45	3020	Below Cal	94
10) 1,2-Dichloro-1,1,2-triflur	0.00	117	0	N.D. d	
11) acrolein	6.26	56	2840	Below Cal #	15
12) 1,1,2Trichloro-1,2,2triflu	5.90	151	184	N.D.	
13) 1,1-Dichloroethene	5.84	96	994	N.D.	
14) Acetone	6.56	43	47945	Below Cal	90
15) Iodomethane	6.08	142	500	N.D.	
16) Carbon disulfide	0.00	76	0	N.D. d	
17) Methyl acetate	6.65	43	4883	Below Cal #	100
18) Acetonitrile	7.10	41	8742	Below Cal	74
19) 3-chloropropene	0.00	41	0	N.D. d	
20) Methylene Chloride	6.50	84	28812	Below Cal #	68
21) Acrylonitrile	0.00	53	0	N.D. d	
22) Methyl tert-butyl ether	6.65	73	1586	N.D.	
23) t-1,2-Dichloroethene	6.82	96	166	N.D.	
24) 1,1-Dichloroethane	7.34	63	698	N.D.	
25) Vinyl Acetate	7.54	43	1569	Below Cal	79
26) Isopropyl ether	7.06	45	1727	N.D.	
27) Chloroprene	7.31	88	393	Below Cal #	88
28) 2-Butanone	8.64	72	416	Below Cal	79
29) c-1,2-Dichloroethene	7.91	96	263	N.D.	
30) 2,2-Dichloropropane	8.00	77	602	N.D.	
31) Cyclohexane	8.16	84	393	N.D.	
32) Propionitrile	8.89	54	375	N.D.	
33) Methacrylonitrile	8.87	41	508	N.D.	
34) Bromochloromethane	8.17	128	152	N.D.	
35) Chloroform	8.24	83	286	N.D.	
36) Dibromofluoromethane	8.37	113	579973	51.54 ug/L	85
38) 1,1,1-Trichloroethane	8.45	97	260	N.D.	
39) 1,1-Dichloropropene	8.66	75	2025	N.D.	
40) Isobutyl alcohol	6.65	43	5094	Below Cal	79

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF002.D
Acq On : 11 Jul 2007 15:41
Sample : BA00970-ICB1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 17:10 2007

Vial: 2
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGE.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGE.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Jul 11 10:09:08 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
42) Carbon Tetrachloride	8.34	117	129	Below Cal #	61
43) d4-1,2-Dichloroethane	8.99	65	812101	46.35 µg/L #	85
45) 1,2-Dichloroethane	9.06	62	258	N.D.	
46) Benzene	0.00	78	0	N.D. d	
47) Methyl cyclohexane	0.00	83	0	N.D. d	
48) Trichloroethene	9.30	130	41	N.D.	
49) 1,2-Dichloropropane	10.11	63	509	N.D.	
50) Methyl methacrylate	10.16	69	328	N.D.	
51) 1,4-Dioxane	0.00	88	0	N.D. d	
52) Dibromomethane	9.99	93	193	N.D.	
53) Bromodichloromethane	10.06	83	401	N.D.	
54) 2-Chloroethyl vinyl ether	0.00	63	0	N.D. d	
55) C-1,3-Dichloropropene	10.81	75	244	N.D.	
56) 4-Methyl-2-pentanone	11.52	100	279	N.D.	
57) D8-Toluene	11.03	98	1386624	50.66 ug/L	97
60) Toluene	0.00	92	0	N.D. d	
61) T-1,3-Dichloropropene	11.56	75	561	N.D.	
62) Ethyl methacrylate	11.65	69	293	N.D.	
63) 1,1,2-Trichloroethane	11.79	97	654	N.D.	
64) 1,3-Dichloropropane	12.16	76	360	N.D.	
65) Tetrachloroethene	11.58	164	871	N.D.	
66) 2-Hexanone	12.53	43	1730	N.D.	
67) Dibromochloromethane	12.07	129	243	N.D.	
68) 1,2-Dibromoethane	12.41	107	119	N.D.	
69) Chlorobenzene	13.04	112	1075	N.D.	
70) 1,1,1,2-Tetrachloroethane	13.13	131	188	N.D.	
71) Ethylbenzene	12.90	106	175	N.D.	
72) m-xylene & p-xylene	13.20	106	894	N.D.	
73) O-Xylene	13.80	106	181	Below Cal	80
74) Styrene	13.85	104	631	N.D.	
75) Bromoform	13.94	173	223	N.D.	
76) Isopropylbenzene	14.20	105	712	Below Cal	89
77) C-1,4-Dichloro-2-butene	14.67	53	681	N.D.	
78) Bromofluorobenzene	14.64	95	682281	43.52 ug/L	84
80) 1,1,2,2-Tetrachloroethane	14.94	83	371	N.D.	
81) Bromobenzene	14.89	156	88	N.D.	
82) 1,2,3-Trichloropropane	15.14	75	412	Below Cal #	80
83) T-1,4-Dichloro-2-Butene	15.15	53	358	N.D.	
84) n-Propylbenzene	14.78	91	1823	N.D.	
86) 2-Chlorotoluene	15.06	91	905	N.D.	
87) 1,3,5-Trimethylbenzene	15.01	105	371	N.D.	
88) 4-Chlorotoluene	15.28	91	983	N.D.	
89) tert-Butylbenzene	15.49	119	99	N.D.	
90) Pentachloroethane	15.54	167	34	N.D.	
91) 1,2,4-Trimethylbenzene	15.56	105	811	N.D.	
92) s-Butylbenzene	15.56	105	811	N.D.	
93) 1,3-Dichlorobenzene	16.03	146	449	N.D.	
94) p-Isopropyltoluene	15.84	119	782	N.D.	
95) 1,4-Dichlorobenzene	16.13	146	827	N.D.	
96) n-Butylbenzene	16.36	91	2680	N.D.	
97) 1,2-Dichlorobenzene	16.63	146	396	N.D.	
98) DBCP	17.60	157	55	N.D.	
99) 1,2,4-Trichlorobenzene	18.49	180	719	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF002.D
Acq On : 11 Jul 2007 15:41
Sample : BA00970-ICB1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 17:10 2007

Vial: 2
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGE.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGE.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Jul 11 10:09:08 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
100) Hexachlorobutadiene	18.41	225	85	N.D.	
101) Naphthalene	18.98	128	3220	N.D.	
102) 1,2,3-Trichlorobenzene	19.22	180	223	N.D.	

(#) = qualifier out of range (m) = manual integration
11GF002.D 82607WGE.M Fri Jul 13 17:10:42 2007

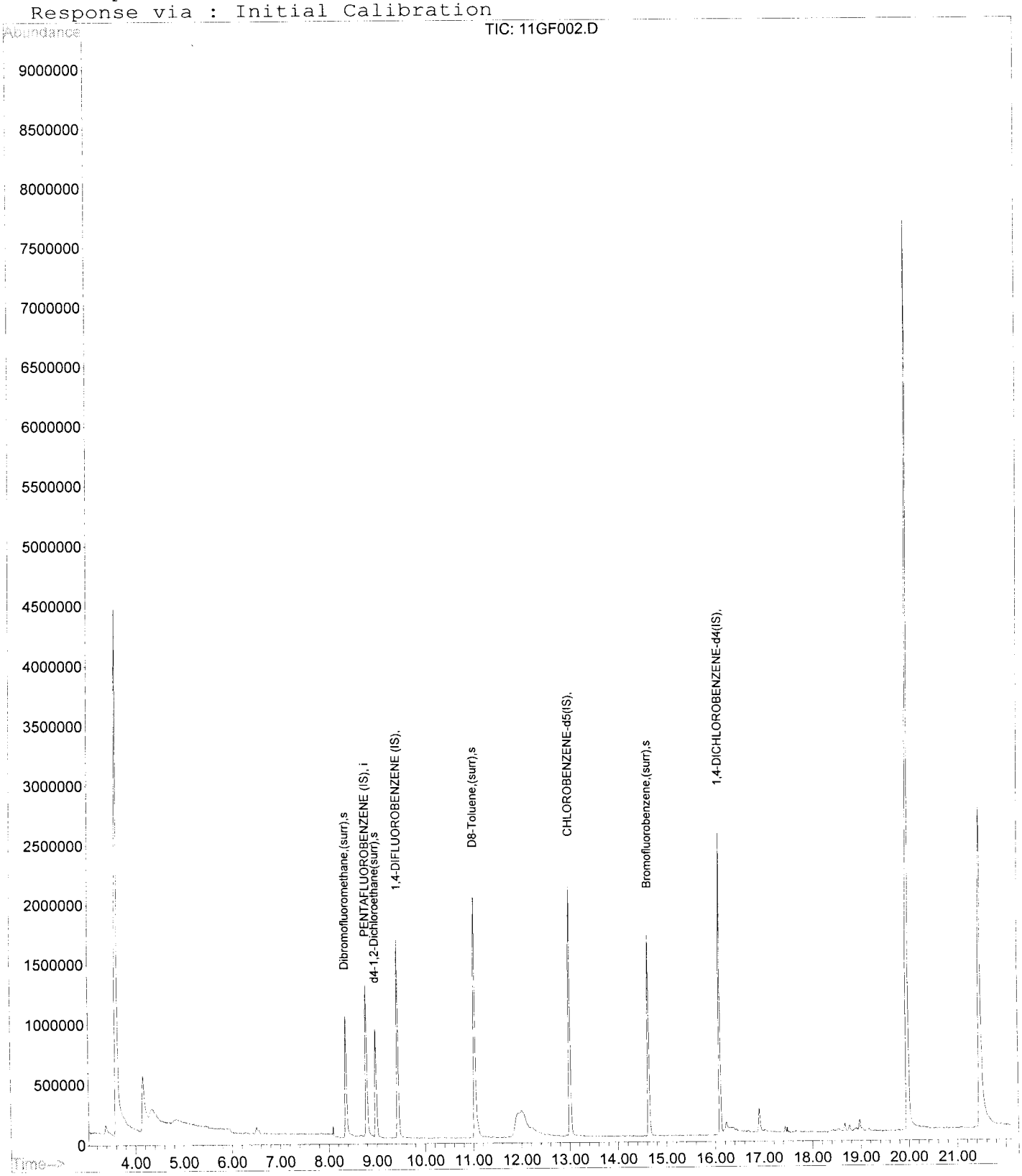
Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GF\11GF002.D
Acq On : 11 Jul 2007 15:41
Sample : BA00970-ICB1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 17:10 2007

Vial: 2
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGE.RES

Method : C:\HPCHEM\1\METHODS\82607WGE.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Jul 11 10:09:08 2007
Response via : Initial Calibration



Response Factor Report JVGCMS2

Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration

Calibration Files
1 =11GF006.D 5 =11GF007.D 20 =11GF008.D
50 =11GF009.D 100 =11GF011.D 200 =11GF014.D

		Compound	1	5	20	50	100	200	Avg	%RSD
1)	i	PENTAFLUOROBENZENE (I	----------	----------	ISTD	----------	----------	----------		
2)		Dichlorodifluoromet	1.135	1.256	1.250	1.289	1.179	1.155	1.211	5.15
3)	p	Chloromethane	2.826	2.297	1.632	1.625	1.272	1.374	1.838	0.995R
4)	c	Vinyl Chloride	1.170	1.045	0.988	1.113	0.929	0.926	1.029	9.67
5)		Bromomethane	0.670	0.458	0.544	0.691	0.649		0.602	0.997R
6)		Chloroethane	0.762	0.715	0.598	0.611	0.557	0.503	0.625	0.996R
7)		Trichlorofluorometh	1.331	1.506	1.465	1.330	1.275	1.262	1.362	7.41
8)		Diethyl ether	0.777	0.819	0.881	0.807	0.810	0.755	0.808	5.31
9)		Ethanol	0.019	0.008	0.010	0.009	0.010	0.010	0.011	0.999R
10)		1,2-Dichloro-1,1,2-							0.000	-1.00
11)		acrolein	0.048	0.046	0.047	0.045	0.044	0.042	0.045	4.62
12)		1,1,2Trichloro-1,2,	0.467	0.575	0.633	0.546	0.566	0.528	0.553	9.97
13)	c	1,1-Dichloroethene	0.847	0.707	0.738	0.672	0.655	0.616	0.706	11.48
14)		Acetone	0.778	0.419	0.354	0.308	0.312	0.312	0.414	1.000R
15)		Iodomethane	0.363	0.524	0.770	0.847	0.898	0.811	0.702	0.997R
16)		Carbon disulfide	2.169	2.201	2.179	1.908	1.856	1.473	1.964	14.41
17)		Methyl acetate	1.267	1.197	1.256	1.120	1.175	1.185	1.200	4.54
18)		Acetonitrile	0.256	0.197	0.195	0.181	0.175	0.176	0.196	1.000R
19)		3-chloropropene	1.814	1.717	1.619	1.514	1.215		1.576	14.64
20)		Methylene Chloride	1.691	1.003	0.937	0.858	0.775	0.754	1.003	0.999R
21)		Acrylonitrile	0.214	0.193	0.233	0.238	0.227	0.235	0.223	6.96
22)		Methyl tert-butyl e	2.489	2.523	2.712	2.469	2.439	2.395	2.504	4.41
23)		t-1,2-Dichloroethen	0.715	0.779	0.802	0.738	0.731	0.709	0.746	4.95
24)	p	1,1-Dichloroethane	1.384	1.701	1.692	1.599	1.551	1.507	1.572	7.62
25)		Vinyl Acetate	1.950	2.430	2.573	2.109	1.800		2.172	14.90
26)		Isopropyl ether	3.042	3.191	3.273	3.170	3.015	2.881	3.095	4.61
27)		Chloroprene	0.512	0.617	0.637	0.625	0.624	0.623	0.606	7.74
28)		2-Butanone	0.085	0.077	0.085	0.083	0.090	0.084	0.084	5.16
29)		c-1,2-Dichloroethen	0.678	0.712	0.724	0.708	0.696	0.669	0.698	3.02
30)		2,2-Dichloropropane	1.038	1.138	1.188	1.108	1.050	0.970	1.082	7.22
31)		Cyclohexane	0.676	0.817	0.883	0.852	0.888	0.836	0.825	9.46
32)		Propionitrile	0.132	0.128	0.139	0.139	0.142	0.147	0.138	4.93
33)		Methacrylonitrile	0.692	0.776	0.882	0.833	0.772	0.630	0.764	11.99
34)		Bromochloromethane	0.325	0.331	0.312	0.290	0.262	0.253	0.296	11.10
35)	c	Chloroform	1.536	1.558	1.598	1.496	1.477	1.417	1.514	4.24
36)		Dibromofluoromethan	0.724	0.771	0.753	0.703	0.719	0.700	0.728	3.54
37)	s	Dibromofluoromethan	0.724	0.771	0.753	0.703	0.719	0.700	0.728	3.54
38)		1,1,1-Trichloroetha	1.200	1.257	1.234	1.170	1.136	1.099	1.183	5.04
39)		1,1-Dichloropropene	0.875	0.966	1.017	0.991	1.006	1.001	0.976	5.36
40)		Isobutyl alcohol	0.102	0.060	0.062	0.056	0.058	0.059	0.066	1.000R
41)		1,4-DIFLUOROBENZENE (	----------	----------	ISTD	----------	----------	----------		
42)		Carbon Tetrachlorid	0.553	0.605	0.599	0.536	0.522	0.461	0.546	9.76
43)		d4-1,2-Dichloroetha	0.611	0.640	0.640	0.589	0.592	0.566	0.606	4.49
44)	s	d4-1,2-Dichloroetha	0.611	0.640	0.640	0.589	0.592	0.566	0.606	4.49
45)		1,2-Dichloroethane	0.773	0.841	0.867	0.817	0.776	0.732	0.801	6.21
46)		Benzene	1.581	1.521	1.546	1.518	1.398	1.306	1.478	7.07
47)		Methyl cyclohexane	1.490	0.720	0.634	0.615	0.597	0.590	0.775	1.000R
48)		Trichloroethene	0.318	0.389	0.373	0.384	0.370	0.361	0.366	6.95
49)	c	1,2-Dichloropropane	0.412	0.414	0.417	0.420	0.399	0.390	0.409	2.86
50)		Methyl methacrylate	0.282	0.269	0.308	0.325	0.327	0.342	0.309	9.18
51)		1,4-Dioxane	0.004	0.003	0.004	0.004	0.004	0.004	0.004	10.61
52)		Dibromomethane	0.375	0.344	0.350	0.343	0.326	0.322	0.343	5.50
53)		Bromodichloromethan	0.729	0.733	0.752	0.732	0.685	0.675	0.725	4.60
54)		2-Chloroethyl vinyl	0.031	0.038	0.095	0.129		0.186	0.096	0.995R

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report JVGCMS2

Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration

Calibration Files
1 =11GF006.D 5 =11GF007.D 20 =11GF008.D
50 =11GF009.D 100 =11GF011.D 200 =11GF014.D

		Compound	1	5	20	50	100	200	Avg	%RSD
55)		C-1,3-Dichloroprope	0.623	0.642	0.695	0.735	0.724	0.720	0.686	6.37
56)		4-Methyl-2-pentanon	0.054	0.051	0.063	0.063	0.068	0.070	0.061	11.75
57)		D8-Toluene	1.194	1.119	1.095	1.116	1.139	1.172	1.142	3.02
58)	s	D8-Toluene (surr)	1.194	1.119	1.095	1.116	1.139	1.172	1.142	3.02
59)		CHLOROBENZENE-d5(IS)	----------ISTD----------							
60)	c	Toluene	1.175	1.061	1.042	1.000	0.914	0.910	1.017	9.82
61)		T-1,3-Dichloroprope	0.685	0.761	0.788	0.774	0.709	0.695	0.739	5.66
62)		Ethyl methacrylate	0.553	0.576	0.721	0.737	0.700	0.700	0.665	11.87
63)		1,1,2-Trichloroetha	0.406	0.417	0.441	0.435	0.408	0.395	0.417	4.31
64)		1,3-Dichloropropane	0.735	0.792	0.802	0.801	0.754	0.729	0.769	4.37
65)		Tetrachloroethene	0.357	0.346	0.362	0.516	0.501	0.472	0.426	0.998R
66)		2-Hexanone	0.384	0.433	0.497	0.484	0.476	0.401	0.446	10.45
67)		Dibromochloromethan	0.555	0.573	0.586	0.561	0.525	0.522	0.553	4.21
68)		1,2-Dibromoethane	0.458	0.499	0.495	0.484	0.465	0.462	0.477	3.74
69)	p	Chlorobenzene	1.068	1.130	1.158	1.176	1.085	1.028	1.108	5.13
70)		1,1,1,2-Tetrachloro	0.447	0.455	0.463	0.457	0.420	0.403	0.440	5.05
71)	c	Ethylbenzene	0.518	0.524	0.545	0.571	0.535	0.519	0.535	3.79
72)		m-xylene & p-xylene	0.539	0.655	0.702	0.733	0.680	0.630	0.656	10.29
73)		O-Xylene	0.431	0.535	0.626	0.679	0.620	0.592	0.581	14.96
74)		Styrene	0.791	1.049	1.252	1.312	1.200	1.113	1.119	0.997R
75)	p	Bromoform	0.376	0.377	0.426	0.410	0.390	0.370	0.391	5.71
76)		Isopropylbenzene	1.109	1.390	1.634	1.705	1.572	1.414	1.471	14.64
77)		C-1,4-Dichloro-2-bu	0.263	0.221	0.244	0.233	0.219	0.204	0.231	8.95
78)		Bromofluorobenzene	0.581	0.596	0.622	0.586	0.573	0.547	0.584	3.90
79)	s	Bromofluorobenzene	0.581	0.596	0.622	0.586	0.573	0.547	0.584	3.90
80)	p	1,1,2,2-Tetrachloro	0.663	0.673	0.730	0.695	0.635	0.607	0.685	8.98
81)		Bromobenzene	0.445	0.481	0.532	0.541	0.486	0.467	0.492	7.59
82)		1,2,3-Trichloroprop	0.752	0.826	0.955	0.927	0.844	0.806	0.857	8.28
83)		T-1,4-Dichloro-2-Bu	0.224	0.207	0.233	0.237	0.211	0.199	0.218	6.85
84)		n-Propylbenzene	1.762	2.072	2.418	2.499	2.213	1.911	2.146	13.37
85)		1,4-DICHLOROBENZENE-d	----------ISTD----------							
86)		2-Chlorotoluene	2.773	3.069	3.072	3.152	2.959	2.817	2.973	5.11
87)		1,3,5-Trimethylbenz	2.320	2.603	2.718	2.915	2.772	2.613	2.657	7.56
88)		4-Chlorotoluene	2.472	2.629	2.731	2.858	2.662	2.494	2.641	5.51
89)		tert-Butylbenzene	1.827	1.994	2.122	2.238	2.168	2.041	2.065	7.05
90)		Pentachloroethane	0.434	0.525		0.253		0.237	0.371	0.999R
91)		1,2,4-Trimethylbenz	2.325	2.621	2.966	3.095	2.898	2.653	2.760	10.17
92)		s-Butylbenzene	2.634	3.114	3.554	3.722	3.521	3.112	3.276	12.22
93)		1,3-Dichlorobenzene	1.465	1.517	1.657	1.733	1.635	1.566	1.595	6.16
94)		p-Isopropyltoluene	1.981	2.386	2.755	2.884	2.727	2.510	2.541	12.89
95)		1,4-Dichlorobenzene	1.791	1.709	1.760	1.777	1.669	1.587	1.715	4.53
96)		n-Butylbenzene	2.770	2.752	3.037	3.183	2.997	2.671	2.902	6.87
97)		1,2-Dichlorobenzene	1.631	1.521	1.647	1.686	1.606	1.540	1.605	3.96
98)		DBCP	0.211	0.218	0.237	0.235	0.236	0.239	0.229	5.18
99)		1,2,4-Trichlorobenz	0.907	0.932	0.968	1.048	1.009	1.018	0.980	5.53
100)		Hexachlorobutadiene	0.416	0.379	0.397	0.412	0.390	0.389	0.397	3.63
101)		Naphthalene	2.230	2.274	2.532	2.620	2.601	2.542	2.466	6.90
102)		1,2,3-Trichlorobenz	0.817	0.834	0.918	0.981	0.940	0.953	0.907	7.37

(#) = Out of Range ### Number of calibration levels exceeded format ###

Compound List Report JVGCMS2

Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
Total Cpnds : 102

PK#		Compound Name	QIon	Exp_RT	Rel_RT	Cal	#Qual	A/H	ID
1	I	PENTAFLUOROBENZENE (IS)	168	8.80	1.000	A	3	A	B
2		Dichlorodifluoromethane	85	3.91	0.444	A	1	A	B
3	p	Chloromethane	50	4.24	0.482	L	2	A	B
4	c	Vinyl Chloride	62	4.38	0.498	A	1	A	B
5		Bromomethane	94	4.87	0.554	L	1	A	B
6		Chloroethane	64	5.04	0.573	L	2	A	B
7		Trichlorofluoromethane	101	5.22	0.593	A	2	A	B
8		Diethyl ether	59	5.56	0.632	A	2	A	B
9		Ethanol	45	5.68	0.646	L	1	A	B
10		1,2-Dichloro-1,1,2-trifluroeth	117	6.78	0.771	A	2	A	B
11		acrolein	56	6.24	0.709	A	1	A	B
12		1,1,2Trichloro-1,2,2trifluoroe	151	5.87	0.667	A	2	A	B
13	c	1,1-Dichloroethene	96	5.86	0.666	A	2	A	B
14		Acetone	43	6.55	0.744	L	1	A	B
15		Iodomethane	142	6.08	0.690	L	2	A	B
16		Carbon disulfide	76	5.97	0.678	A	1	A	B
17		Methyl acetate	43	6.64	0.754	A	2	A	B
18		Acetonitrile	41	7.10	0.807	L	2	A	B
19		3-chloropropene	41	6.39	0.726	A	2	A	B
20		Methylene Chloride	84	6.51	0.739	L	2	A	B
21		Acrylonitrile	53	7.41	0.842	A	2	A	B
22		Methyl tert-butyl ether	73	6.75	0.767	A	1	A	B
23		t-1,2-Dichloroethene	96	6.69	0.760	A	2	A	B
24	p	1,1-Dichloroethane	63	7.35	0.836	A	2	A	B
25		Vinyl Acetate	43	7.53	0.856	A	1	A	B
26		Isopropyl ether	45	7.11	0.808	A	1	A	B
27		Chloroprene	88	7.32	0.831	A	1	A	B
28		2-Butanone	72	8.50	0.965	A	1	A	B
29		c-1,2-Dichloroethene	96	7.92	0.899	A	2	A	B
30		2,2-Dichloropropane	77	8.05	0.915	A	1	A	B
31		Cyclohexane	84	8.16	0.927	A	2	A	B
32		Propionitrile	54	8.87	1.008	A	1	A	B
33		Methacrylonitrile	41	8.88	1.009	A	1	A	B
34		Bromochloromethane	128	8.14	0.925	A	1	A	B
35	c	Chloroform	83	8.16	0.927	A	1	A	B
36		Dibromofluoromethane	113	8.37	0.951	A	1	A	B
37	S	Dibromofluoromethane (surr)	113	8.37	0.951	A	1	A	B
38		1,1,1-Trichloroethane	97	8.45	0.960	A	2	A	B
39		1,1-Dichloropropene	75	8.56	0.973	A	2	A	B
40		Isobutyl alcohol	43	6.64	0.754	L	2	A	B
41		1,4-DIFLUOROBENZENE (IS)	114	9.44	1.000	A	2	A	B
42		Carbon Tetrachloride	117	8.38	0.887	A	2	A	B
43		d4-1,2-Dichloroethane	65	8.99	0.952	A	2	A	B
44	S	d4-1,2-Dichloroethane(surr)	65	8.99	0.952	A	2	A	B
45		1,2-Dichloroethane	62	9.06	0.959	A	2	A	B
46		Benzene	78	8.85	0.937	A	1	A	B
47		Methyl cyclohexane	83	9.47	1.003	L	2	A	B
48		Trichloroethene	130	9.45	1.001	A	2	A	B
49	c	1,2-Dichloropropane	63	10.07	1.067	A	2	A	B
50		Methyl methacrylate	69	10.16	1.076	A	1	A	B
51		1,4-Dioxane	88	10.30	1.091	A	1	A	B
52		Dibromomethane	93	9.95	1.054	A	2	A	B
53		Bromodichloromethane	83	10.08	1.068	A	2	A	B
54		2-Chloroethyl vinyl ether	63	10.66	1.129	L	2	A	B
55		C-1,3-Dichloropropene	75	10.81	1.145	A	2	A	B
56		4-Methyl-2-pentanone	100	11.51	1.219	A	2	A	B
57		D8-Toluene	98	11.04	1.170	A	2	A	B
58	S	D8-Toluene (surr)	98	11.04	1.170	A	2	A	B
59		CHLOROBENZENE-d5(IS)	117	13.01	1.000	A	2	A	B
60	c	Toluene	92	11.10	0.853	A	1	A	B
61		T-1,3-Dichloropropene	75	11.57	0.889	A	1	A	B
62		Ethyl methacrylate	69	11.65	0.896	A	2	A	B
63		1,1,2-Trichloroethane	97	11.78	0.905	A	2	A	B

64		1,3-Dichloropropane	76	12.16	0.934	A	1	A	B
65		Tetrachloroethene	164	11.59	0.890	L	2	A	B
66		2-Hexanone	43	12.53	0.963	A	2	A	B
67		Dibromochloromethane	129	12.04	0.925	A	1	A	B
68		1,2-Dibromoethane	107	12.40	0.953	A	1	A	B
69	p	Chlorobenzene	112	13.04	1.002	A	1	A	B
70		1,1,1,2-Tetrachloroethane	131	13.09	1.006	A	1	A	B
71	c	Ethylbenzene	106	13.01	1.000	A	1	A	B
72		m-xylene & p-xylene	106	13.19	1.014	A	1	A	B
73		O-Xylene	106	13.79	1.060	A	1	A	B
74		Styrene	104	13.86	1.065	L	2	A	B
75	p	Bromoform	173	13.95	1.072	A	2	A	B
76		Isopropylbenzene	105	14.19	1.091	A	1	A	B
77		C-1,4-Dichloro-2-butene	53	14.69	1.129	A	2	A	B
78		Bromofluorobenzene	95	14.64	1.125	A	2	A	B
79	S	Bromofluorobenzene (surr)	95	14.64	1.125	A	2	A	B
80	p	1,1,2,2-Tetrachloroethane	83	14.85	1.141	A	2	A	B
81		Bromobenzene	156	14.83	1.140	A	1	A	B
82		1,2,3-Trichloropropane	75	15.11	1.161	A	2	A	B
83		T-1,4-Dichloro-2-Butene	53	15.12	1.162	A	2	A	B
84		n-Propylbenzene	91	14.77	1.135	A	1	A	B
85		1,4-DICHLOROBENZENE-d4(IS)	152	16.10	1.000	A	1	A	B
86		2-Chlorotoluene	91	15.05	0.935	A	1	A	B
87		1,3,5-Trimethylbenzene	105	15.02	0.933	A	1	A	B
88		4-Chlorotoluene	91	15.28	0.949	A	1	A	B
89		tert-Butylbenzene	119	15.48	0.961	A	2	A	B
90		Pentachloroethane	167	15.55	0.966	L	2	A	B
91		1,2,4-Trimethylbenzene	105	15.57	0.967	A	1	A	B
92		s-Butylbenzene	105	15.71	0.976	A	1	A	B
93		1,3-Dichlorobenzene	146	16.02	0.995	A	2	A	B
94		p-Isopropyltoluene	119	15.86	0.985	A	2	A	B
95		1,4-Dichlorobenzene	146	16.12	1.001	A	2	A	B
96		n-Butylbenzene	91	16.37	1.017	A	2	A	B
97		1,2-Dichlorobenzene	146	16.64	1.034	A	2	A	B
98		DBCP	157	17.62	1.094	A	1	A	B
99		1,2,4-Trichlorobenzene	180	18.50	1.149	A	2	A	B
100		Hexachlorobutadiene	225	18.41	1.143	A	2	A	B
101		Naphthalene	128	18.98	1.178	A	1	A	B
102		1,2,3-Trichlorobenzene	180	19.24	1.195	A	2	A	B

Cal A = Average L = Linear LO = Linear w/origin Q = Quad QO = Quad w/origin
#Qual = number of qualifiers
A/H = Area or Height
ID R = R.T. B = R.T. & Q Q = Qvalue L = Largest A = All

82607WGF.M Fri Jul 13 17:19:29 2007

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF004.D
Acq On : 11 Jul 2007 16:45
Sample : BA00970-CAL1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 12 10:39 2007

Vial: 4
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGE.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGE.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Jul 11 10:09:08 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.80	168	769632	50.00 ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	9.44	114	1258568	50.00 ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.02	117	1088147	50.00 ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.11	152	527737	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	8.36	113	559454	47.38 ug/L	0.00
Spiked Amount 50.000 Range 71 - 136			Recovery = 94.76%		
44) d4-1,2-Dichloroethane(surr	8.98	65	759592	41.36 µg/L	0.00
Spiked Amount 50.000 Range 70 - 130			Recovery = 82.72%		
58) D8-Toluene (surr)	11.04	98	1455066	50.71 ug/L	0.00
Spiked Amount 50.000 Range 75 - 126			Recovery = 101.42%		
79) Bromofluorobenzene (surr)	14.64	95	635531	45.24 ug/L	0.00
Spiked Amount 50.000 Range 76 - 120			Recovery = 90.48%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D. d	
3) Chloromethane	0.00	50	0	N.D. d	
4) Vinyl Chloride	0.00	62	0	N.D. d	
5) Bromomethane	0.00	94	0	N.D. d	
6) Chloroethane	0.00	64	0	N.D. d	
7) Trichlorofluoromethane	0.00	101	0	N.D. d	
8) Diethyl ether	0.00	59	0	N.D. d	
9) Ethanol	0.00	45	0	N.D. d	
10) 1,2-Dichloro-1,1,2-triflur	0.00	117	0	N.D. d	
11) acrolein	0.00	56	0	N.D. d	
12) 1,1,2Trichloro-1,2,2triflu	0.00	151	0	N.D. d	
13) 1,1-Dichloroethene	0.00	96	0	N.D. d	
14) Acetone	0.00	43	0	N.D. d	
15) Iodomethane	0.00	142	0	N.D. d	
16) Carbon disulfide	0.00	76	0	N.D. d	
17) Methyl acetate	0.00	43	0	N.D. d	
18) Acetonitrile	0.00	41	0	N.D. d	
19) 3-chloropropene	0.00	41	0	N.D. d	
20) Methylene Chloride	0.00	84	0	N.D. d	
21) Acrylonitrile	7.42	53	3413	1.22 ug/L #	51
22) Methyl tert-butyl ether	0.00	73	0	N.D. d	
23) t-1,2-Dichloroethene	0.00	96	0	N.D. d	
24) 1,1-Dichloroethane	0.00	63	0	N.D. d	
25) Vinyl Acetate	0.00	43	0	N.D. d	
26) Isopropyl ether	0.00	45	0	N.D. d	
27) Chloroprene	0.00	88	0	N.D. d	
28) 2-Butanone	0.00	72	0	N.D. d	
29) c-1,2-Dichloroethene	0.00	96	0	N.D. d	
30) 2,2-Dichloropropane	0.00	77	0	N.D. d	
31) Cyclohexane	0.00	84	0	N.D. d	
32) Propionitrile	0.00	54	0	N.D. d	
33) Methacrylonitrile	0.00	41	0	N.D. d	
34) Bromochloromethane	0.00	128	0	N.D. d	
35) Chloroform	0.00	83	0	N.D. d	
36) Dibromofluoromethane	8.36	113	559454	47.38 ug/L	86
38) 1,1,1-Trichloroethane	0.00	97	0	N.D. d	
39) 1,1-Dichloropropene	0.00	75	0	N.D. d	
40) Isobutyl alcohol	0.00	43	0	N.D. d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF004.D
Acq On : 11 Jul 2007 16:45
Sample : BA00970-CAL1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 12 10:39 2007

Vial: 4
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGE.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGE.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Jul 11 10:09:08 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
42) Carbon Tetrachloride	0.00	117	0	N.D. d	
43) d4-1,2-Dichloroethane	8.98	65	759592	41.36 µg/L #	84
45) 1,2-Dichloroethane	0.00	62	0	N.D. d	
46) Benzene	0.00	78	0	N.D. d	
47) Methyl cyclohexane	0.00	83	0	N.D. d	
48) Trichloroethene	0.00	130	0	N.D. d	
49) 1,2-Dichloropropane	0.00	63	0	N.D. d	
50) Methyl methacrylate	0.00	69	0	N.D. d	
51) 1,4-Dioxane	0.00	88	0	N.D. d	
52) Dibromomethane	0.00	93	0	N.D. d	
53) Bromodichloromethane	10.08	83	3859	0.19 ug/L	93
54) 2-Chloroethyl vinyl ether	10.67	63	559m	54.77 ug/L	
55) C-1,3-Dichloropropene	10.80	75	3350	0.19 ug/L #	1
56) 4-Methyl-2-pentanone	0.00	100	0	N.D. d	
57) D8-Toluene	11.04	98	1455066	50.71 ug/L	98
60) Toluene	0.00	92	0	N.D. d	
61) T-1,3-Dichloropropene	11.56	75	3329	0.20 ug/L	81
62) Ethyl methacrylate	0.00	69	0	N.D. d	
63) 1,1,2-Trichloroethane	0.00	97	0	N.D. d	
64) 1,3-Dichloropropane	0.00	76	0	N.D. d	
65) Tetrachloroethene	0.00	164	0	N.D. d	
66) 2-Hexanone	0.00	43	0	N.D. d	
67) Dibromochloromethane	12.03	129	2397	0.18 ug/L	84
68) 1,2-Dibromoethane	0.00	107	0	N.D. d	
69) Chlorobenzene	0.00	112	0	N.D. d	
70) 1,1,1,2-Tetrachloroethane	13.10	131	1883	0.19 ug/L #	78
71) Ethylbenzene	0.00	106	0	N.D. d	
72) m-xylene & p-xylene	0.00	106	0	N.D. d	
73) O-Xylene	13.77	106	1652m	Below Cal	
74) Styrene	0.00	104	0	N.D. d	
75) Bromoform	0.00	173	0	N.D. d	
76) Isopropylbenzene	0.00	105	0	N.D. d	
77) C-1,4-Dichloro-2-butene	0.00	53	0	N.D. d	
78) Bromofluorobenzene	14.64	95	635531	45.24 ug/L	84
80) 1,1,2,2-Tetrachloroethane	14.86	83	3448	0.22 ug/L	96
81) Bromobenzene	0.00	156	0	N.D. d	
82) 1,2,3-Trichloropropane	15.10	75	3855	Below Cal #	44
83) T-1,4-Dichloro-2-Butene	0.00	53	0	N.D. d	
84) n-Propylbenzene	0.00	91	0	N.D. d	
86) 2-Chlorotoluene	0.00	91	0	N.D. d	
87) 1,3,5-Trimethylbenzene	0.00	105	0	N.D. d	
88) 4-Chlorotoluene	0.00	91	0	N.D. d	
89) tert-Butylbenzene	0.00	119	0	N.D. d	
90) Pentachloroethane	15.55	167	855m	0.16 ug/L	
91) 1,2,4-Trimethylbenzene	0.00	105	0	N.D. d	
92) s-Butylbenzene	0.00	105	0	N.D. d	
93) 1,3-Dichlorobenzene	0.00	146	0	N.D. d	
94) p-Isopropyltoluene	0.00	119	0	N.D. d	
95) 1,4-Dichlorobenzene	0.00	146	0	N.D. d	
96) n-Butylbenzene	0.00	91	0	N.D. d	
97) 1,2-Dichlorobenzene	0.00	146	0	N.D. d	
98) DBCP	0.00	157	0	N.D. d	
99) 1,2,4-Trichlorobenzene	0.00	180	0	N.D. d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF004.D
Acq On : 11 Jul 2007 16:45
Sample : BA00970-CAL1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 12 10:39 2007

Vial: 4
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGE.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGE.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Jul 11 10:09:08 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
100) Hexachlorobutadiene	0.00	225	0	N.D. d	
101) Naphthalene	0.00	128	0	N.D. d	
102) 1,2,3-Trichlorobenzene	0.00	180	0	N.D. d	

(#) = qualifier out of range (m) = manual integration

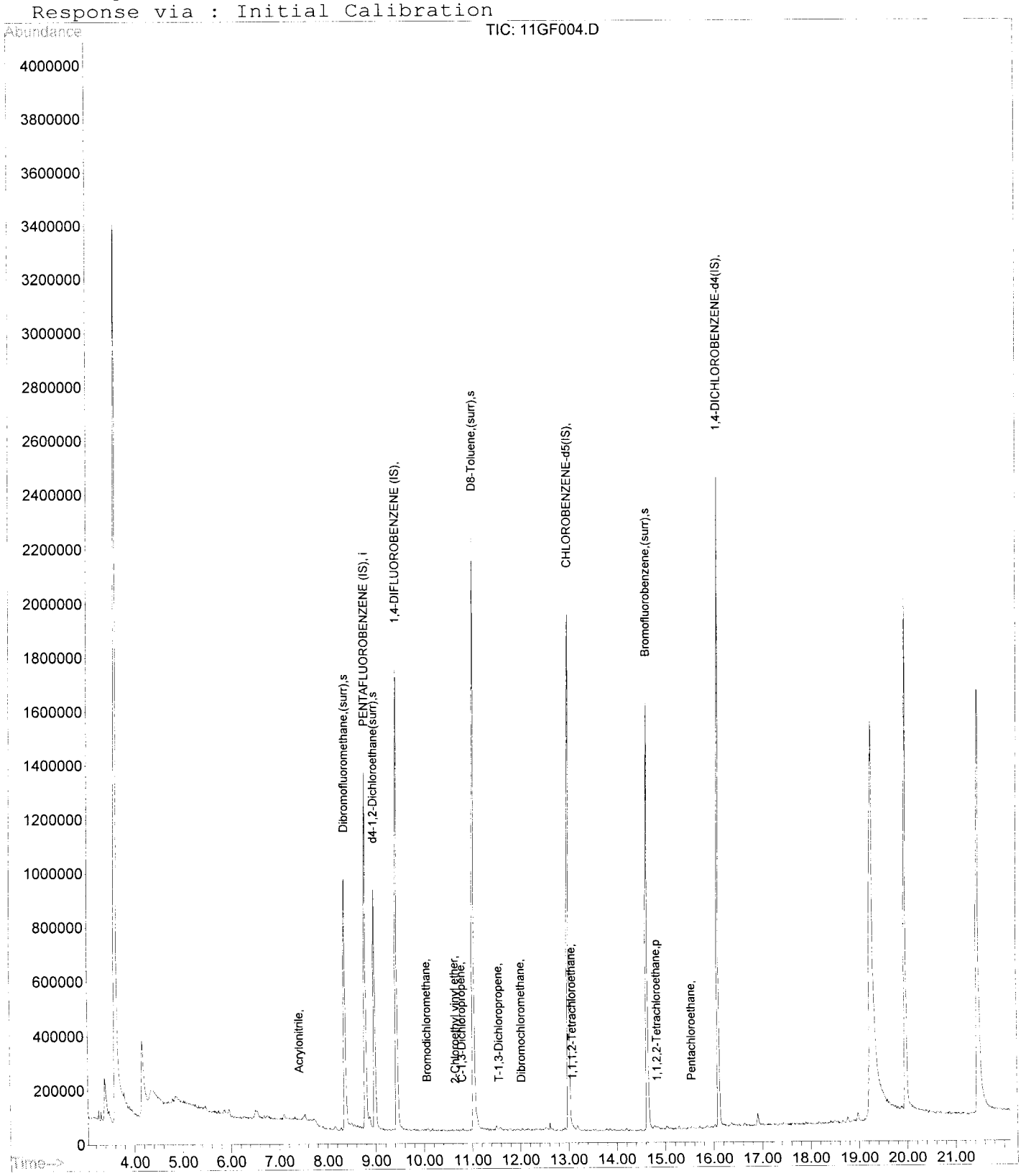
Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GF\11GF004.D
Acq On : 11 Jul 2007 16:45
Sample : BA00970-CAL1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 12 10:39 2007

Vial: 4
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGE.RES

Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF006.D
Acq On : 11 Jul 2007 17:49
Sample : BA00970-CAL2
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 12 10:43 2007

Vial: 6
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGE.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGE.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Jul 11 10:09:08 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.80	168	781157	50.00	ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	9.45	114	1233418	50.00	ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.01	117	1110549	50.00	ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.11	152	542018	50.00	ug/L	0.00
System Monitoring Compounds						
37) Dibromofluoromethane (surr	8.37	113	565446	47.18	ug/L	0.00
Spiked Amount 50.000 Range 71 - 136 Recovery = 94.36%						
44) d4-1,2-Dichloroethane(surr	8.98	65	754178	41.90	µg/L	0.00
Spiked Amount 50.000 Range 70 - 130 Recovery = 83.80%						
58) D8-Toluene (surr)	11.04	98	1472455	52.36	ug/L	0.00
Spiked Amount 50.000 Range 75 - 126 Recovery = 104.72%						
79) Bromofluorobenzene (surr)	14.64	95	645146	45.00	ug/L	0.00
Spiked Amount 50.000 Range 76 - 120 Recovery = 90.00%						

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.91	85	17734	Below Cal		94
3) Chloromethane	4.25	50	44147	1.46	ug/L	97
4) Vinyl Chloride	4.38	62	18286	1.18	ug/L #	39
5) Bromomethane	4.88	94	10465	Below Cal		82
6) Chloroethane	5.05	64	11911	Below Cal		87
7) Trichlorofluoromethane	5.22	101	20788	0.66	ug/L	90
8) Diethyl ether	5.56	59	12142	Below Cal	#	100
9) Ethanol	5.67	45	5832m	Below Cal		
10) 1,2-Dichloro-1,1,2-triflur	6.79	117	622	8.40	ug/L #	37
11) acrolein	6.26	56	3731	Below Cal		97
12) 1,1,2Trichloro-1,2,2triflu	5.87	151	7297	0.73	ug/L #	70
13) 1,1-Dichloroethene	5.85	96	13237	1.19	ug/L	98
14) Acetone	6.55	43	60813	Below Cal		94
15) Iodomethane	6.08	142	28325	3.50	ug/L	83
16) Carbon disulfide	5.96	76	169449	5.50	ug/L	96
17) Methyl acetate	6.64	43	19791	Below Cal	#	100
18) Acetonitrile	7.09	41	39922	Below Cal		81
19) 3-chloropropene	6.40	41	28341	1.35	ug/L #	93
20) Methylene Chloride	6.50	84	26416	Below Cal	#	73
21) Acrylonitrile	7.42	53	16754	5.92	ug/L #	78
22) Methyl tert-butyl ether	6.76	73	38887	0.93	ug/L	84
23) t-1,2-Dichloroethene	6.68	96	11175	0.97	ug/L #	85
24) 1,1-Dichloroethane	7.36	63	21622	1.01	ug/L	98
25) Vinyl Acetate	7.53	43	152323	Below Cal		93
26) Isopropyl ether	7.11	45	47519	1.16	ug/L #	79
27) Chloroprene	7.31	88	7992	Below Cal	#	82
28) 2-Butanone	8.49	72	6624	Below Cal	#	1
29) c-1,2-Dichloroethene	7.92	96	10585	1.08	ug/L	88
30) 2,2-Dichloropropane	8.05	77	16215	0.82	ug/L	94
31) Cyclohexane	8.17	84	10555	0.85	µg/L #	100
32) Propionitrile	8.87	54	20564	10.27	ug/L #	1
33) Methacrylonitrile	8.88	41	108169	8.32	ug/L #	69
34) Bromochloromethane	8.15	128	5082	1.04	ug/L	85
35) Chloroform	8.17	83	23992	0.98	ug/L	98
36) Dibromofluoromethane	8.37	113	565446	47.18	ug/L	85
38) 1,1,1-Trichloroethane	8.46	97	18748	0.89	ug/L #	82
39) 1,1-Dichloropropene	8.56	75	13675	0.87	ug/L	89
40) Isobutyl alcohol	6.64	43	31761m	Below Cal		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF006.D
Acq On : 11 Jul 2007 17:49
Sample : BA00970-CAL2
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 12 10:43 2007

Vial: 6
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGE.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGE.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Jul 11 10:09:08 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
42)	Carbon Tetrachloride	8.37	117	13642	Below Cal	#	69
43)	d4-1,2-Dichloroethane	8.98	65	754178	41.90 µg/L	#	84
45)	1,2-Dichloroethane	9.06	62	19063	0.80 ug/L	#	16
46)	Benzene	8.85	78	38990	1.14 ug/L		93
47)	Methyl cyclohexane	9.45	83	36760	1.58 µg/L	#	100
48)	Trichloroethene	9.45	130	7843	0.78 ug/L	#	80
49)	1,2-Dichloropropane	10.07	63	10161	1.04 ug/L		94
50)	Methyl methacrylate	10.16	69	6955	0.88 ug/L		79
51)	1,4-Dioxane	10.31	88	2152	21.32 ug/L		84
52)	Dibromomethane	9.96	93	9250	1.04 ug/L	#	75
53)	Bromodichloromethane	10.08	83	17981	0.92 ug/L		95
54)	2-Chloroethyl vinyl ether	10.67	63	3849	56.03 ug/L		89
55)	C-1,3-Dichloropropene	10.80	75	15372	0.89 ug/L	#	69
56)	4-Methyl-2-pentanone	11.51	100	6703	3.93 ug/L	#	16
57)	D8-Toluene	11.04	98	1472455	52.36 ug/L		99
60)	Toluene	11.11	92	26097	1.23 ug/L		93
61)	T-1,3-Dichloropropene	11.56	75	15217	0.89 ug/L		87
62)	Ethyl methacrylate	11.66	69	12292	0.79 ug/L	#	75
63)	1,1,2-Trichloroethane	11.78	97	9015	0.96 ug/L		91
64)	1,3-Dichloropropane	12.15	76	16324	0.93 ug/L		99
65)	Tetrachloroethene	11.59	164	7920	1.01 ug/L		95
66)	2-Hexanone	12.54	43	42685	3.70 ug/L		80
67)	Dibromochloromethane	12.03	129	12323	0.92 ug/L		98
68)	1,2-Dibromoethane	12.41	107	10164	0.93 ug/L		88
69)	Chlorobenzene	13.04	112	23718	0.94 ug/L		96
70)	1,1,1,2-Tetrachloroethane	13.09	131	9934	0.99 ug/L		92
71)	Ethylbenzene	13.01	106	11516	0.98 ug/L	#	63
72)	m-xylene & p-xylene	13.20	106	23962	1.60 ug/L		85
73)	O-Xylene	13.79	106	9579m	Below Cal		
74)	Styrene	13.86	104	17566m	0.65 ug/L		
75)	Bromoform	13.94	173	8349	0.85 ug/L		98
76)	Isopropylbenzene	14.19	105	24643	Below Cal		100
77)	C-1,4-Dichloro-2-butene	14.68	53	5831	1.47 ug/L	#	1
78)	Bromofluorobenzene	14.64	95	645146	45.00 ug/L		85
80)	1,1,2,2-Tetrachloroethane	14.85	83	14720	0.93 ug/L		82
81)	Bromobenzene	14.83	156	9886	0.81 ug/L		98
82)	1,2,3-Trichloropropane	15.11	75	16692	Below Cal	#	48
83)	T-1,4-Dichloro-2-Butene	15.11	53	4984	1.11 ug/L	#	82
84)	n-Propylbenzene	14.78	91	39127	0.74 ug/L		90
86)	2-Chlorotoluene	15.05	91	30059	0.91 ug/L		89
87)	1,3,5-Trimethylbenzene	15.03	105	25155	0.88 ug/L		91
88)	4-Chlorotoluene	15.27	91	26795	0.93 ug/L		86
89)	tert-Butylbenzene	15.49	119	19805	0.89 ug/L		92
90)	Pentachloroethane	15.56	167	4701	0.84 ug/L		94
91)	1,2,4-Trimethylbenzene	15.57	105	25202	0.85 ug/L		93
92)	s-Butylbenzene	15.71	105	28553	0.84 ug/L		89
93)	1,3-Dichlorobenzene	16.03	146	15880	0.91 ug/L		94
94)	p-Isopropyltoluene	15.86	119	21480	0.78 ug/L		98
95)	1,4-Dichlorobenzene	16.13	146	19412m	1.03 ug/L		
96)	n-Butylbenzene	16.36	91	30029	1.01 ug/L		91
97)	1,2-Dichlorobenzene	16.64	146	17685	1.01 ug/L		95
98)	DBCP	17.62	157	2283	0.92 ug/L		100
99)	1,2,4-Trichlorobenzene	18.49	180	9832	0.95 ug/L		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF006.D
Acq On : 11 Jul 2007 17:49
Sample : BA00970-CAL2
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 12 10:43 2007

Vial: 6
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGE.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGE.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Jul 11 10:09:08 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
100)	Hexachlorobutadiene	18.40	225	4510	1.02	ug/L	#	72
101)	Naphthalene	18.98	128	24176	0.98	ug/L		99
102)	1,2,3-Trichlorobenzene	19.24	180	8857	0.90	ug/L		86

(#) = qualifier out of range (m) = manual integration

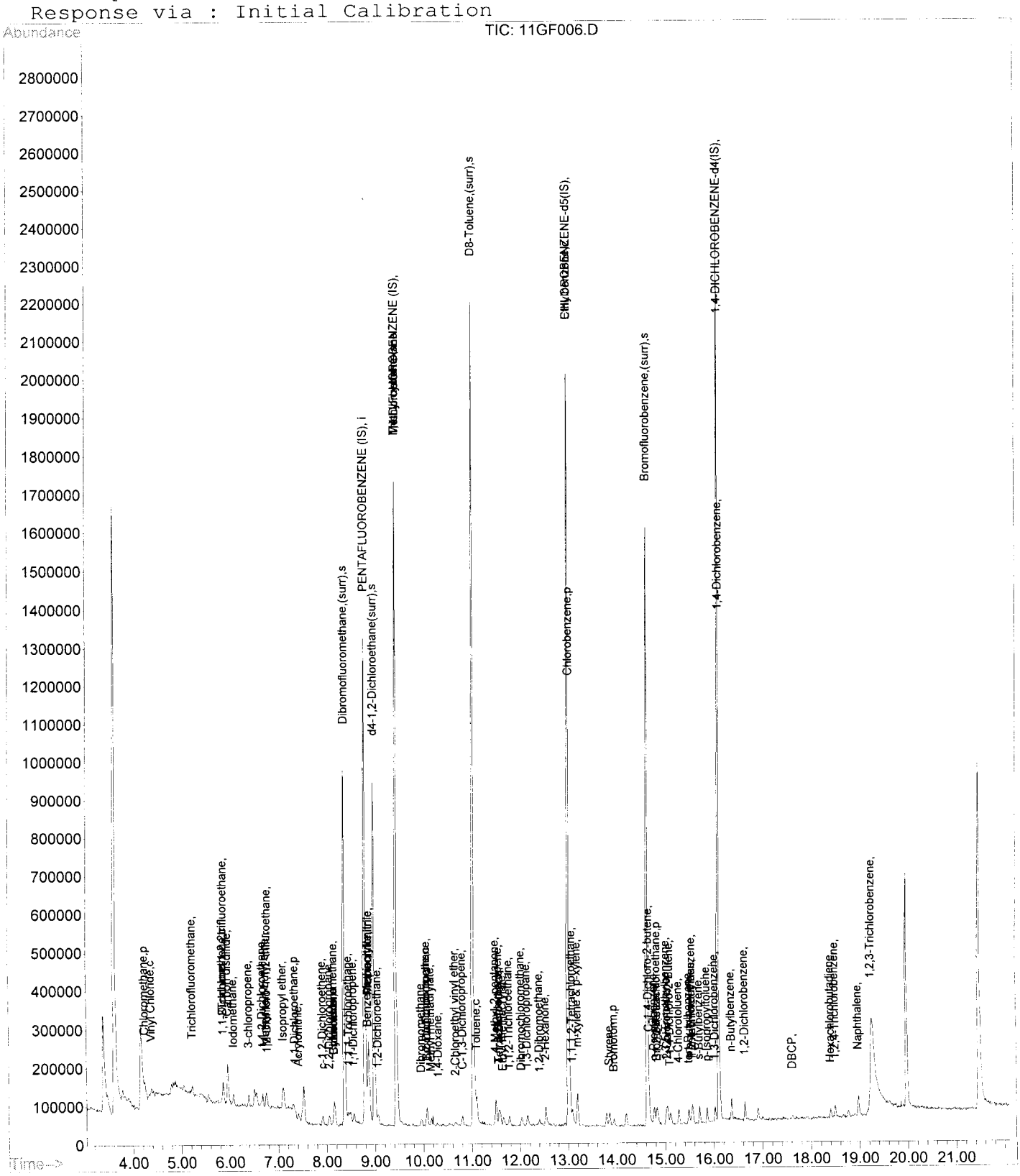
Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GF\11GF006.D
Acq On : 11 Jul 2007 17:49
Sample : BA00970-CAL2
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 12 10:43 2007

Vial: 6
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGE.RES

Method : C:\HPCHEM\1\METHODS\82607WGE.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Jul 11 10:09:08 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF007.D
Acq On : 11 Jul 2007 18:21
Sample : BA00970-CAL3
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 12 10:44 2007

Vial: 7
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGE.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGE.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Jul 11 10:09:08 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.79	168	782086	50.00	ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	9.44	114	1297218	50.00	ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.01	117	1095490	50.00	ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.10	152	572139	50.00	ug/L	0.00
System Monitoring Compounds						
37) Dibromofluoromethane (surr	8.37	113	602724	50.24	ug/L	0.00
Spiked Amount 50.000 Range 71 - 136 Recovery = 100.48%						
44) d4-1,2-Dichloroethane(surr	8.99	65	829921	43.84	µg/L	0.00
Spiked Amount 50.000 Range 70 - 130 Recovery = 87.68%						
58) D8-Toluene (surr)	11.05	98	1452155	49.10	ug/L	0.01
Spiked Amount 50.000 Range 75 - 126 Recovery = 98.20%						
79) Bromofluorobenzene (surr)	14.64	95	652586	46.14	ug/L	0.00
Spiked Amount 50.000 Range 76 - 120 Recovery = 92.28%						

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.91	85	98207	2.48	ug/L	95
3) Chloromethane	4.25	50	179625	5.94	ug/L	97
4) Vinyl Chloride	4.37	62	81699	5.25	ug/L #	1
5) Bromomethane	4.88	94	35809	Below Cal		96
6) Chloroethane	5.05	64	55934	0.39	ug/L	97
7) Trichlorofluoromethane	5.22	101	117816	3.71	ug/L	98
8) Diethyl ether	5.56	59	64021	Below Cal	#	100
9) Ethanol	5.67	45	12501	Below Cal		96
10) 1,2-Dichloro-1,1,2-triflur	6.75	117	753	10.16	ug/L #	80
11) acrolein	6.24	56	18022	Below Cal		90
12) 1,1,2Trichloro-1,2,2triflu	5.87	151	45003	4.48	ug/L #	77
13) 1,1-Dichloroethene	5.86	96	55322	4.96	ug/L #	70
14) Acetone	6.55	43	163861	Below Cal		95
15) Iodomethane	6.08	142	204741	25.28	ug/L	78
16) Carbon disulfide	5.96	76	860670	27.88	ug/L	95
17) Methyl acetate	6.64	43	93634	Below Cal	#	100
18) Acetonitrile	7.10	41	154309	Below Cal		82
19) 3-chloropropene	6.39	41	134292m	6.38	ug/L	
20) Methylene Chloride	6.51	84	78475	Below Cal	#	72
21) Acrylonitrile	7.41	53	75503	26.63	ug/L	86
22) Methyl tert-butyl ether	6.76	73	197343	4.70	ug/L	96
23) t-1,2-Dichloroethene	6.69	96	60904	5.29	ug/L #	84
24) 1,1-Dichloroethane	7.36	63	133026	6.22	ug/L	98
25) Vinyl Acetate	7.53	43	950347	Below Cal		94
26) Isopropyl ether	7.11	45	249566	6.10	ug/L #	78
27) Chloroprene	7.32	88	48251	4.95	ug/L	94
28) 2-Butanone	8.50	72	29962	11.74	ug/L #	9
29) c-1,2-Dichloroethene	7.92	96	55696	5.66	ug/L	93
30) 2,2-Dichloropropane	8.05	77	89032	4.48	ug/L	96
31) Cyclohexane	8.16	84	63900	5.15	µg/L #	100
32) Propionitrile	8.86	54	100475	50.12	ug/L #	1
33) Methacrylonitrile	8.88	41	607182	46.66	ug/L #	74
34) Bromochloromethane	8.14	128	25885	5.29	ug/L	96
35) Chloroform	8.16	83	121841	4.95	ug/L	99
36) Dibromofluoromethane	8.37	113	602724	50.24	ug/L	86
38) 1,1,1-Trichloroethane	8.45	97	98306	4.66	ug/L	88
39) 1,1-Dichloropropene	8.57	75	75545	4.81	ug/L	91
40) Isobutyl alcohol	6.64	43	93627	46.28	ug/L #	52

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF007.D
Acq On : 11 Jul 2007 18:21
Sample : BA00970-CAL3
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 12 10:44 2007

Vial: 7
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGE.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGE.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Jul 11 10:09:08 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
42)	Carbon Tetrachloride	8.38	117	78520	0.66 ug/L		93
43)	d4-1,2-Dichloroethane	8.99	65	829921	43.84 µg/L	#	85
45)	1,2-Dichloroethane	9.06	62	109115	4.35 ug/L	#	13
46)	Benzene	8.85	78	197315	5.50 ug/L		99
47)	Methyl cyclohexane	9.46	83	93432	5.08 µg/L	#	100
48)	Trichloroethene	9.45	130	50427	4.77 ug/L		95
49)	1,2-Dichloropropane	10.07	63	53680	5.20 ug/L		98
50)	Methyl methacrylate	10.16	69	34841	4.19 ug/L		84
51)	1,4-Dioxane	10.31	88	8385	78.99 ug/L		95
52)	Dibromomethane	9.96	93	44613	4.79 ug/L	#	78
53)	Bromodichloromethane	10.08	83	95080	4.61 ug/L		98
54)	2-Chloroethyl vinyl ether	10.66	63	24500m	63.42 ug/L		
55)	C-1,3-Dichloropropene	10.81	75	83237	4.58 ug/L		89
56)	4-Methyl-2-pentanone	11.51	100	33361	18.61 ug/L	#	1
57)	D8-Toluene	11.05	98	1452155	49.10 ug/L		99
60)	Toluene	11.10	92	116223	5.55 ug/L		95
61)	T-1,3-Dichloropropene	11.57	75	83365	4.96 ug/L		98
62)	Ethyl methacrylate	11.66	69	63131	4.11 ug/L		81
63)	1,1,2-Trichloroethane	11.79	97	45679	4.95 ug/L		89
64)	1,3-Dichloropropane	12.16	76	86710	4.99 ug/L		99
65)	Tetrachloroethene	11.59	164	37873	4.89 ug/L		97
66)	2-Hexanone	12.53	43	237198	20.85 ug/L		83
67)	Dibromochloromethane	12.04	129	62721	4.73 ug/L		99
68)	1,2-Dibromoethane	12.40	107	54645	5.08 ug/L		97
69)	Chlorobenzene	13.04	112	123753	4.98 ug/L		97
70)	1,1,1,2-Tetrachloroethane	13.09	131	49899	5.04 ug/L		98
71)	Ethylbenzene	13.01	106	57405	4.97 ug/L	#	61
72)	m-xylene & p-xylene	13.19	106	143521	9.72 ug/L		81
73)	O-Xylene	13.79	106	58642m	2.27 ug/L		
74)	Styrene	13.85	104	114872	4.33 ug/L		94
75)	Bromoform	13.95	173	41256	4.27 ug/L		95
76)	Isopropylbenzene	14.19	105	152256	3.12 ug/L		93
77)	C-1,4-Dichloro-2-butene	14.69	53	24156	6.19 ug/L	#	1
78)	Bromofluorobenzene	14.64	95	652586	46.14 ug/L		85
80)	1,1,2,2-Tetrachloroethane	14.85	83	73763	4.73 ug/L		97
81)	Bromobenzene	14.82	156	52657	4.38 ug/L		98
82)	1,2,3-Trichloropropane	15.11	75	90530	1.57 ug/L	#	45
83)	T-1,4-Dichloro-2-Butene	15.12	53	22686	5.12 ug/L	#	87
84)	n-Propylbenzene	14.78	91	226956	4.36 ug/L		89
86)	2-Chlorotoluene	15.05	91	175571	5.06 ug/L		92
87)	1,3,5-Trimethylbenzene	15.02	105	148915	4.95 ug/L		93
88)	4-Chlorotoluene	15.28	91	150411	4.96 ug/L		90
89)	tert-Butylbenzene	15.48	119	114100	4.86 ug/L		88
90)	Pentachloroethane	15.55	167	30029m	5.09 ug/L		
91)	1,2,4-Trimethylbenzene	15.57	105	149966	4.77 ug/L		98
92)	s-Butylbenzene	15.71	105	178190	4.94 ug/L		91
93)	1,3-Dichlorobenzene	16.03	146	86795	4.74 ug/L		99
94)	p-Isopropyltoluene	15.86	119	136494	4.67 ug/L		94
95)	1,4-Dichlorobenzene	16.12	146	97767	4.93 ug/L		96
96)	n-Butylbenzene	16.37	91	157452	5.02 ug/L		95
97)	1,2-Dichlorobenzene	16.64	146	87044	4.70 ug/L		98
98)	DBCP	17.62	157	12469	4.76 ug/L		86
99)	1,2,4-Trichlorobenzene	18.50	180	53318	4.86 ug/L		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF007.D
Acq On : 11 Jul 2007 18:21
Sample : BA00970-CAL3
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 12 10:44 2007

Vial: 7
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGE.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGE.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Jul 11 10:09:08 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
100) Hexachlorobutadiene	18.41	225	21686	4.64 ug/L	93
101) Naphthalene	18.98	128	130076	4.99 ug/L	98
102) 1,2,3-Trichlorobenzene	19.24	180	47690	4.58 ug/L	94

(#) = qualifier out of range (m) = manual integration

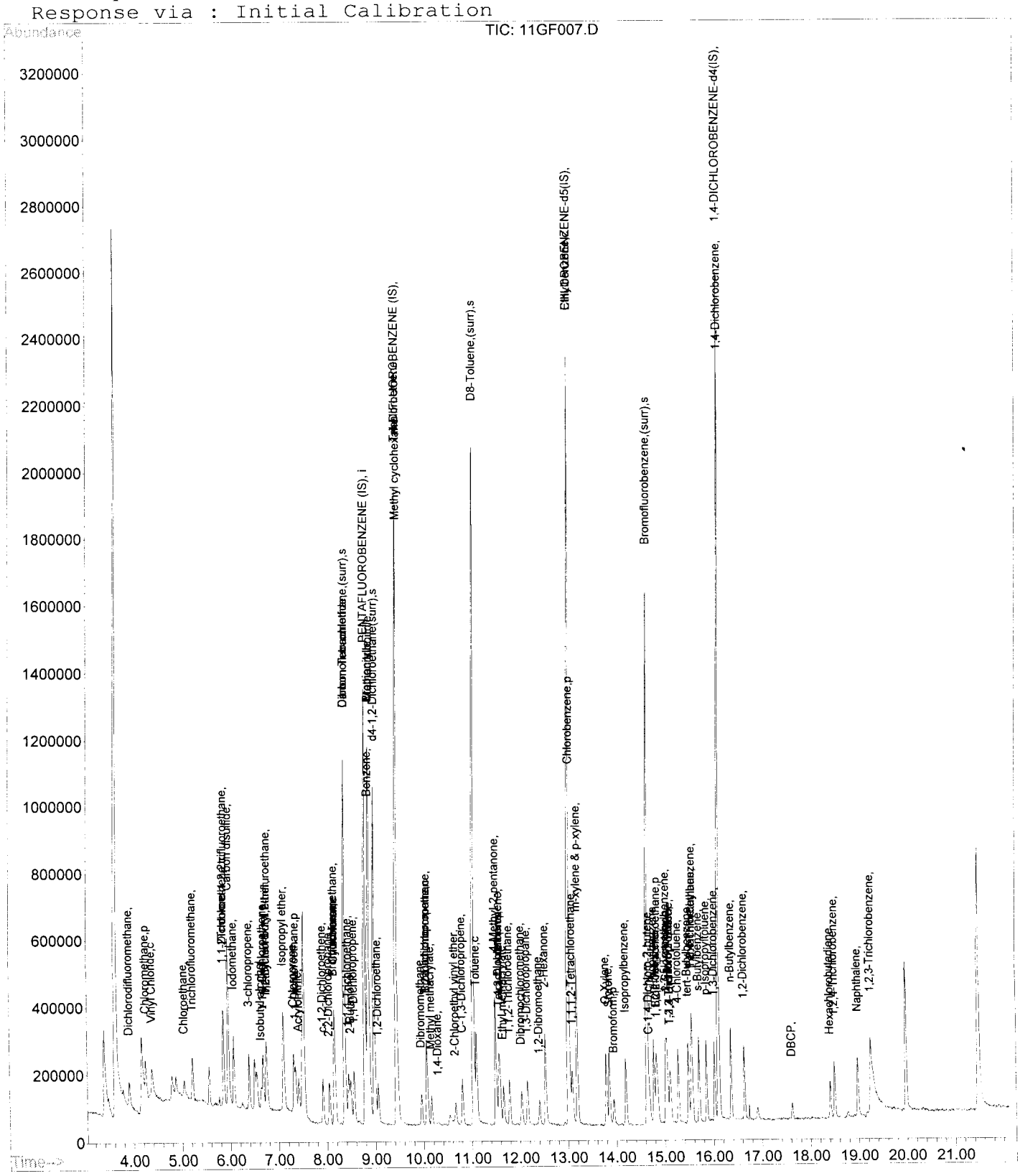
Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GF\11GF007.D
Acq On : 11 Jul 2007 18:21
Sample : BA00970-CAL3
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 12 10:44 2007

Vial: 7
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGE.RES

Method : C:\HPCHEM\1\METHODS\82607WGE.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Jul 11 10:09:08 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF008.D
Acq On : 11 Jul 2007 18:54
Sample : BA00970-CAL4
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 12 10:44 2007

Vial: 8
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGE.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGE.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Jul 11 10:09:08 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.80	168	802984	50.00	ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	9.44	114	1355797	50.00	ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.01	117	1209454	50.00	ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.11	152	697878	50.00	ug/L	0.00
System Monitoring Compounds						
37) Dibromofluoromethane (surr	8.37	113	604696	49.09	ug/L	0.00
Spiked Amount 50.000 Range 71 - 136 Recovery = 98.18%						
44) d4-1,2-Dichloroethane(surr	8.99	65	868011	43.87	µg/L	0.00
Spiked Amount 50.000 Range 70 - 130 Recovery = 87.74%						
58) D8-Toluene (surr)	11.04	98	1484869	48.04	ug/L	0.00
Spiked Amount 50.000 Range 75 - 126 Recovery = 96.08%						
79) Bromofluorobenzene (surr)	14.64	95	752513	48.19	ug/L	0.00
Spiked Amount 50.000 Range 76 - 120 Recovery = 96.38%						

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.91	85	401438	17.96	ug/L	98
3) Chloromethane	4.24	50	524334	16.90	ug/L	97
4) Vinyl Chloride	4.38	62	317439	19.87	ug/L	66
5) Bromomethane	4.87	94	174701	7.44	ug/L	93
6) Chloroethane	5.04	64	192125	19.10	ug/L	96
7) Trichlorofluoromethane	5.22	101	470605	14.45	ug/L	98
8) Diethyl ether	5.56	59	282836	19.78	µg/L #	100
9) Ethanol	5.68	45	62601	329.44	ug/L	88
10) 1,2-Dichloro-1,1,2-triflur	6.81	117	146	1.92	ug/L #	1
11) acrolein	6.24	56	75286	24.27	ug/L	96
12) 1,1,2Trichloro-1,2,2triflu	5.87	151	203362	19.71	ug/L #	78
13) 1,1-Dichloroethene	5.86	96	237075	20.71	ug/L #	73
14) Acetone	6.55	43	568403	70.26	ug/L	90
15) Iodomethane	6.07	142	1236651	148.73	ug/L	78
16) Carbon disulfide	5.97	76	3499011	110.39	ug/L	95
17) Methyl acetate	6.64	43	403379	20.20	µg/L #	100
18) Acetonitrile	7.10	41	625389	234.30	ug/L	77
19) 3-chloropropene	6.39	41	520082m	24.08	ug/L	
20) Methylene Chloride	6.51	84	300892	20.03	ug/L #	74
21) Acrylonitrile	7.41	53	373493	128.31	ug/L	97
22) Methyl tert-butyl ether	6.75	73	870929	20.20	ug/L	98
23) t-1,2-Dichloroethene	6.68	96	257552	21.79	ug/L #	82
24) 1,1-Dichloroethane	7.35	63	543479	24.74	ug/L	96
25) Vinyl Acetate	7.53	43	4132353m	88.03	ug/L	
26) Isopropyl ether	7.11	45	1051289	25.04	ug/L #	79
27) Chloroprene	7.31	88	204598	26.08	ug/L	95
28) 2-Butanone	8.49	72	137307	97.91	ug/L #	11
29) c-1,2-Dichloroethene	7.91	96	232576	23.00	ug/L #	86
30) 2,2-Dichloropropane	8.05	77	381499	18.71	ug/L	97
31) Cyclohexane	8.16	84	283466	22.27	µg/L #	100
32) Propionitrile	8.87	54	444891	216.16	ug/L #	1
33) Methacrylonitrile	8.88	41	2832960	212.04	ug/L	75
34) Bromochloromethane	8.14	128	100074	19.90	ug/L	97
35) Chloroform	8.16	83	513271	20.32	ug/L	99
36) Dibromofluoromethane	8.37	113	604696	49.09	ug/L	86
38) 1,1,1-Trichloroethane	8.46	97	396202	18.30	ug/L	87
39) 1,1-Dichloropropene	8.56	75	326606	20.27	ug/L	90
40) Isobutyl alcohol	6.64	43	401053	420.94	ug/L #	50

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF008.D
Acq On : 11 Jul 2007 18:54
Sample : BA00970-CAL4
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 12 10:44 2007

Vial: 8
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGE.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGE.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Jul 11 10:09:08 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
42)	Carbon Tetrachloride	8.38	117	324664	18.82 ug/L		98
43)	d4-1,2-Dichloroethane	8.99	65	868011	43.87 µg/L	#	84
45)	1,2-Dichloroethane	9.06	62	470243	17.94 ug/L	#	12
46)	Benzene	8.85	78	838169	22.34 ug/L		99
47)	Methyl cyclohexane	9.47	83	343957	20.14 µg/L	#	100
48)	Trichloroethene	9.45	130	202159	18.30 ug/L		92
49)	1,2-Dichloropropane	10.07	63	226106	20.95 ug/L		98
50)	Methyl methacrylate	10.17	69	167019	19.24 ug/L		83
51)	1,4-Dioxane	10.31	88	40275	363.02 ug/L		93
52)	Dibromomethane	9.96	93	189569	19.47 ug/L	#	83
53)	Bromodichloromethane	10.08	83	408014	18.92 ug/L		98
54)	2-Chloroethyl vinyl ether	10.66	63	257911m	143.78 ug/L		
55)	C-1,3-Dichloropropene	10.81	75	376848	19.83 ug/L		89
56)	4-Methyl-2-pentanone	11.51	100	170143	90.80 ug/L	#	1
57)	D8-Toluene	11.04	98	1484869	48.04 ug/L		97
60)	Toluene	11.10	92	503991	21.81 ug/L		97
61)	T-1,3-Dichloropropene	11.56	75	381027	20.53 ug/L		99
62)	Ethyl methacrylate	11.66	69	348648	20.55 ug/L		87
63)	1,1,2-Trichloroethane	11.79	97	213461	20.93 ug/L		92
64)	1,3-Dichloropropane	12.16	76	387936	20.21 ug/L		97
65)	Tetrachloroethene	11.59	164	175130	20.46 ug/L		97
66)	2-Hexanone	12.53	43	1201162	95.62 ug/L		85
67)	Dibromochloromethane	12.04	129	283282	19.33 ug/L		100
68)	1,2-Dibromoethane	12.40	107	239261	20.14 ug/L		100
69)	Chlorobenzene	13.04	112	560411	20.41 ug/L		96
70)	1,1,1,2-Tetrachloroethane	13.09	131	224070	20.51 ug/L		99
71)	Ethylbenzene	13.01	106	263704	20.69 ug/L	#	66
72)	m-xylene & p-xylene	13.19	106	678857	41.66 ug/L		81
73)	O-Xylene	13.79	106	302833m	17.38 ug/L		
74)	Styrene	13.86	104	605631	20.68 ug/L		90
75)	Bromoform	13.95	173	206296	19.34 ug/L		97
76)	Isopropylbenzene	14.19	105	790422	18.14 ug/L		94
77)	C-1,4-Dichloro-2-butene	14.68	53	117946	27.35 ug/L	#	1
78)	Bromofluorobenzene	14.64	95	752513	48.19 ug/L		85
80)	1,1,2,2-Tetrachloroethane	14.85	83	353135	20.50 ug/L		98
81)	Bromobenzene	14.83	156	257442	19.38 ug/L		98
82)	1,2,3-Trichloropropane	15.11	75	462077	20.49 ug/L	#	46
83)	T-1,4-Dichloro-2-Butene	15.12	53	112614	23.01 ug/L	#	94
84)	n-Propylbenzene	14.77	91	1169851	20.35 ug/L		88
86)	2-Chlorotoluene	15.05	91	857443	20.25 ug/L		94
87)	1,3,5-Trimethylbenzene	15.03	105	758770	20.66 ug/L		96
88)	4-Chlorotoluene	15.27	91	762331	20.59 ug/L		93
89)	tert-Butylbenzene	15.48	119	592412	20.67 ug/L		90
90)	Pentachloroethane	15.55	167	141375m	19.64 ug/L		
91)	1,2,4-Trimethylbenzene	15.57	105	827919	21.61 ug/L		99
92)	s-Butylbenzene	15.71	105	992143	22.55 ug/L		91
93)	1,3-Dichlorobenzene	16.03	146	462663	20.70 ug/L		98
94)	p-Isopropyltoluene	15.86	119	769129	21.59 ug/L		96
95)	1,4-Dichlorobenzene	16.12	146	491273	20.31 ug/L		99
96)	n-Butylbenzene	16.37	91	847738	22.18 ug/L		93
97)	1,2-Dichlorobenzene	16.64	146	459702	20.35 ug/L		99
98)	DBCP	17.63	157	66127	20.69 ug/L	#	76
99)	1,2,4-Trichlorobenzene	18.50	180	270265	20.20 ug/L		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF008.D Vial: 8
Acq On : 11 Jul 2007 18:54 Operator: ds
Sample : BA00970-CAL4 Inst : JVGCMS2
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 10:44 2007 Quant Results File: 82607WGE.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGE.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Jul 11 10:09:08 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

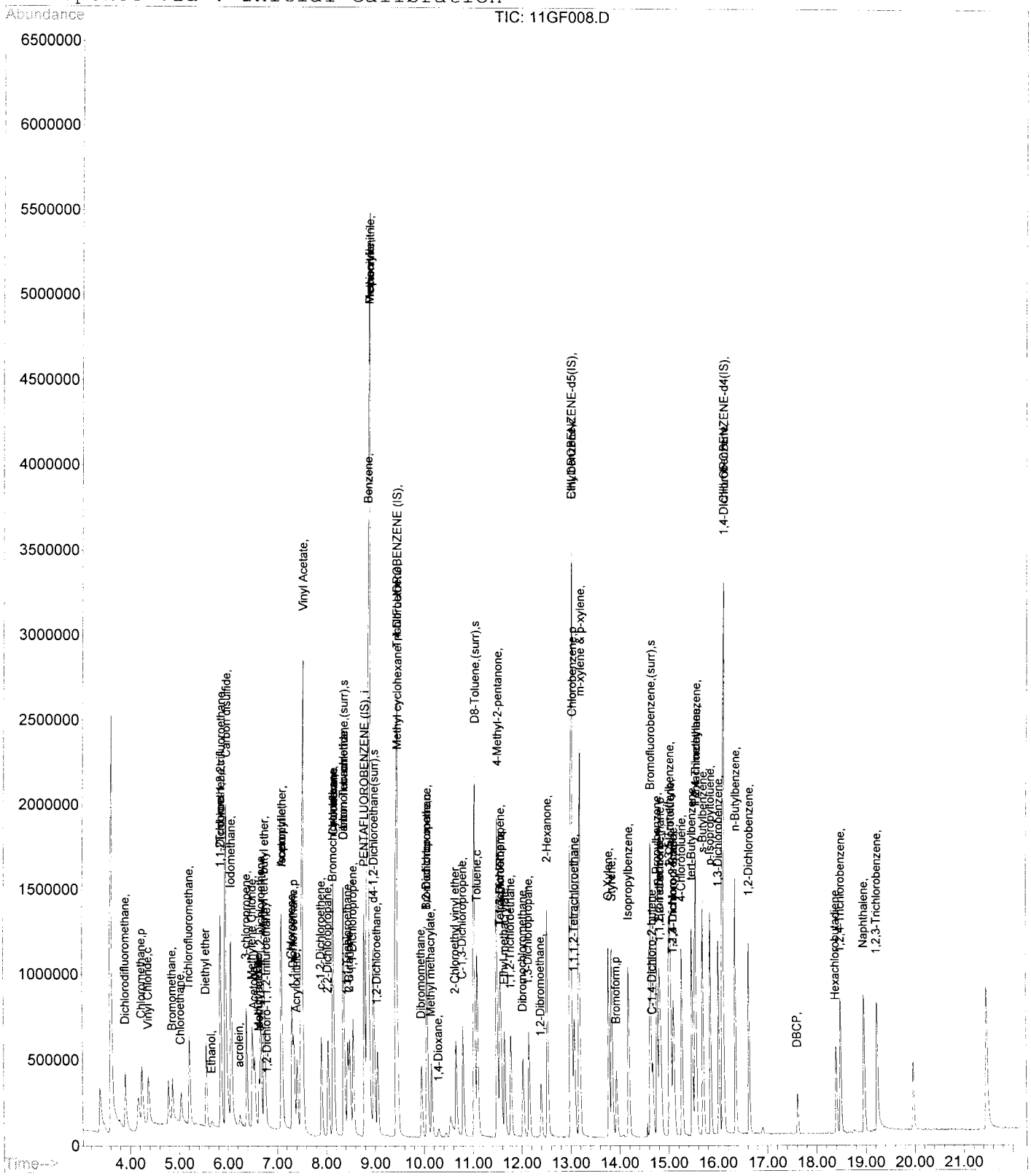
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
100) Hexachlorobutadiene	18.41	225	110841	19.42 ug/L	98
101) Naphthalene	18.98	128	706692	22.21 ug/L	98
102) 1,2,3-Trichlorobenzene	19.24	180	256334	20.17 ug/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GF\11GF008.D Vial: 8
Acq On : 11 Jul 2007 18:54 Operator: ds
Sample : BA00970-CAL4 Inst : JVGCMS2
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 10:44 2007 Quant Results File: 82607WGE.RES

Method : C:\HPCHEM\1\METHODS\82607WGE.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Jul 11 10:09:08 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF009.D
Acq On : 11 Jul 2007 19:26
Sample : BA00970-CAL5
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 12 10:44 2007

Vial: 9
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGE.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGE.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Jul 11 10:09:08 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.80	168	844622	50.00	ug/L	0.01
41) 1,4-DIFLUOROBENZENE (IS)	9.44	114	1459855	50.00	ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.01	117	1396231	50.00	ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.10	152	787783	50.00	ug/L	0.00
System Monitoring Compounds						
37) Dibromofluoromethane (surr	8.37	113	593418	45.80	ug/L	0.00
Spiked Amount 50.000 Range 71 - 136 Recovery = 91.60%						
44) d4-1,2-Dichloroethane(surr	8.99	65	860256	40.38	µg/L	0.00
Spiked Amount 50.000 Range 70 - 130 Recovery = 80.76%						
58) D8-Toluene (surr)	11.04	98	1628898	48.94	ug/L	0.01
Spiked Amount 50.000 Range 75 - 126 Recovery = 97.88%						
79) Bromofluorobenzene (surr)	14.64	95	818800	45.43	ug/L	0.00
Spiked Amount 50.000 Range 76 - 120 Recovery = 90.86%						

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.91	85	1088700	50.59	ug/L	98
3) Chloromethane	4.24	50	1372164	42.05	ug/L	96
4) Vinyl Chloride	4.38	62	939913	55.94	ug/L	96
5) Bromomethane	4.87	94	583538	104.13	ug/L	98
6) Chloroethane	5.04	64	516331	60.58	ug/L	98
7) Trichlorofluoromethane	5.22	101	1123621	32.79	ug/L	98
8) Diethyl ether	5.56	59	681648	57.60	µg/L #	100
9) Ethanol	5.68	45	146904	938.54	ug/L	82
10) 1,2-Dichloro-1,1,2-triflur	6.78	117	94	1.17	ug/L #	1
11) acrolein	6.24	56	188773	106.86	ug/L	98
12) 1,1,2Trichloro-1,2,2triflu	5.87	151	460995	42.47	ug/L #	76
13) 1,1-Dichloroethene	5.86	96	567325	47.11	ug/L #	74
14) Acetone	6.55	43	1302224	232.72	ug/L	93
15) Iodomethane	6.08	142	3575203	408.77	ug/L	81
16) Carbon disulfide	5.97	76	8057345	241.68	ug/L	96
17) Methyl acetate	6.64	43	945883	56.33	µg/L #	100
18) Acetonitrile	7.10	41	1525987	651.34	ug/L	79
19) 3-chloropropene	6.39	41	1278893m	56.30	ug/L	
20) Methylene Chloride	6.51	84	724864	58.92	ug/L #	79
21) Acrylonitrile	7.41	53	1004943	328.23	ug/L	95
22) Methyl tert-butyl ether	6.75	73	2085100	45.97	ug/L	97
23) t-1,2-Dichloroethene	6.69	96	623085	50.12	ug/L #	82
24) 1,1-Dichloroethane	7.35	63	1350135	58.43	ug/L	96
25) Vinyl Acetate	7.53	43	8905771	406.94	ug/L	95
26) Isopropyl ether	7.11	45	2677744	60.63	ug/L #	79
27) Chloroprene	7.32	88	528205	66.62	ug/L	96
28) 2-Butanone	8.50	72	349873	255.88	ug/L #	26
29) c-1,2-Dichloroethene	7.92	96	597798	56.21	ug/L #	87
30) 2,2-Dichloropropane	8.05	77	935524	43.62	ug/L	96
31) Cyclohexane	8.16	84	719591	53.75	µg/L #	100
32) Propionitrile	8.87	54	1172842	541.77	ug/L #	1
33) Methacrylonitrile	8.88	41	7039164	500.88	ug/L	77
34) Bromochloromethane	8.14	128	245231	46.37	ug/L	100
35) Chloroform	8.16	83	1263844	47.56	ug/L	99
36) Dibromofluoromethane	8.37	113	593418	45.80	ug/L	87
38) 1,1,1-Trichloroethane	8.45	97	988323	43.41	ug/L	86
39) 1,1-Dichloropropene	8.56	75	836955	49.39	ug/L	92
40) Isobutyl alcohol	6.64	43	940796	1027.14	ug/L #	51

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF009.D
Acq On : 11 Jul 2007 19:26
Sample : BA00970-CAL5
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 12 10:44 2007

Vial: 9
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGE.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGE.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Jul 11 10:09:08 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
42) Carbon Tetrachloride	8.38	117	782777	48.95 ug/L	97
43) d4-1,2-Dichloroethane	8.99	65	860256	40.38 µg/L #	85
45) 1,2-Dichloroethane	9.06	62	1193330	42.29 ug/L #	13
46) Benzene	8.85	78	2216257	54.86 ug/L	98
47) Methyl cyclohexane	9.47	83	898040	50.11 µg/L #	100
48) Trichloroethene	9.45	130	560398	47.10 ug/L	95
49) 1,2-Dichloropropane	10.07	63	613186	52.78 ug/L	97
50) Methyl methacrylate	10.16	69	474176	50.72 ug/L	82
51) 1,4-Dioxane	10.30	88	111561	933.89 ug/L	86
52) Dibromomethane	9.95	93	500155	47.70 ug/L #	82
53) Bromodichloromethane	10.08	83	1068809	46.04 ug/L	98
54) 2-Chloroethyl vinyl ether	10.66	63	940736m	356.78 ug/L	
55) C-1,3-Dichloropropene	10.81	75	1073279	52.45 ug/L	92
56) 4-Methyl-2-pentanone	11.51	100	456871	226.43 ug/L #	1
57) D8-Toluene	11.04	98	1628898	48.94 ug/L	99
60) Toluene	11.10	92	1395599	52.32 ug/L	95
61) T-1,3-Dichloropropene	11.57	75	1080720	50.44 ug/L	99
62) Ethyl methacrylate	11.65	69	1029396	52.57 ug/L	88
63) 1,1,2-Trichloroethane	11.78	97	607727	51.62 ug/L	90
64) 1,3-Dichloropropane	12.16	76	1119070	50.49 ug/L	98
65) Tetrachloroethene	11.59	164	720322	72.90 ug/L	98
66) 2-Hexanone	12.53	43	3375868	232.79 ug/L	87
67) Dibromochloromethane	12.04	129	783851	46.34 ug/L	98
68) 1,2-Dibromoethane	12.40	107	675817	49.27 ug/L	97
69) Chlorobenzene	13.04	112	1642250	51.82 ug/L	97
70) 1,1,1,2-Tetrachloroethane	13.09	131	638621	50.65 ug/L	99
71) Ethylbenzene	13.01	106	797276	54.18 ug/L #	71
72) m-xylene & p-xylene	13.19	106	2046264	108.76 ug/L	85
73) O-Xylene	13.79	106	947492m	50.25 ug/L	
74) Styrene	13.86	104	1831357	54.16 ug/L	89
75) Bromoform	13.95	173	572270	46.47 ug/L	99
76) Isopropylbenzene	14.19	105	2379913	48.83 ug/L	95
77) C-1,4-Dichloro-2-butene	14.69	53	325984	65.49 ug/L	90
78) Bromofluorobenzene	14.64	95	818800	45.43 ug/L	85
80) 1,1,2,2-Tetrachloroethane	14.85	83	970587	48.81 ug/L	99
81) Bromobenzene	14.83	156	754929	49.22 ug/L	98
82) 1,2,3-Trichloropropane	15.11	75	1294341	54.91 ug/L #	44
83) T-1,4-Dichloro-2-Butene	15.12	53	330249	58.45 ug/L #	88
84) n-Propylbenzene	14.77	91	3488751	52.57 ug/L	89
86) 2-Chlorotoluene	15.05	91	2483129	51.95 ug/L	94
87) 1,3,5-Trimethylbenzene	15.02	105	2296178	55.40 ug/L	96
88) 4-Chlorotoluene	15.28	91	2251471	53.87 ug/L	94
89) tert-Butylbenzene	15.48	119	1763148	54.49 ug/L	92
90) Pentachloroethane	15.55	167	199459m	24.55 ug/L	
91) 1,2,4-Trimethylbenzene	15.57	105	2438487	56.38 ug/L	99
92) s-Butylbenzene	15.71	105	2931939	59.02 ug/L	91
93) 1,3-Dichlorobenzene	16.02	146	1364886	54.09 ug/L	97
94) p-Isopropyltoluene	15.86	119	2272152	56.49 ug/L	96
95) 1,4-Dichlorobenzene	16.12	146	1400141	51.28 ug/L	96
96) n-Butylbenzene	16.37	91	2507252	58.10 ug/L	94
97) 1,2-Dichlorobenzene	16.64	146	1328539	52.10 ug/L	98
98) DBCP	17.62	157	185291	51.35 ug/L #	77
99) 1,2,4-Trichlorobenzene	18.50	180	825734	54.68 ug/L	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF009.D
Acq On : 11 Jul 2007 19:26
Sample : BA00970-CAL5
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 12 10:44 2007

Vial: 9
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGE.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGE.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Jul 11 10:09:08 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
100) Hexachlorobutadiene	18.41	225	324952	50.44	ug/L	99
101) Naphthalene	18.98	128	2063890	57.47	ug/L	98
102) 1,2,3-Trichlorobenzene	19.24	180	772978	53.87	ug/L	98

(#) = qualifier out of range (m) = manual integration

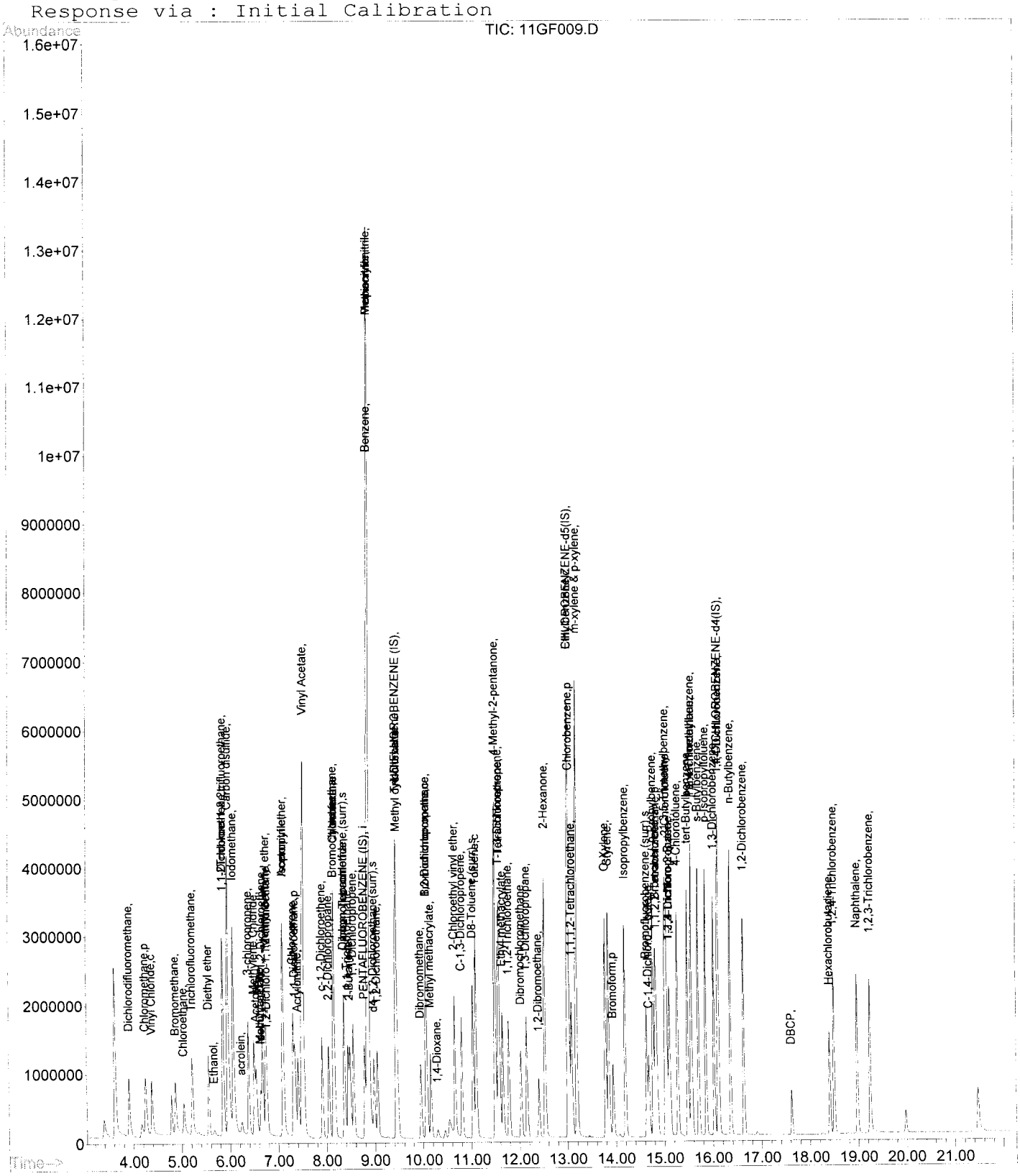
Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GF\11GF009.D
Acq On : 11 Jul 2007 19:26
Sample : BA00970-CAL5
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 12 10:44 2007

Vial: 9
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGE.RES

Method : C:\HPCHEM\1\METHODS\82607WGE.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Jul 11 10:09:08 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF011.D
Acq On : 11 Jul 2007 20:30
Sample : BA00970-CAL6
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 12 10:45 2007

Vial: 11
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGE.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGE.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Jul 11 10:09:08 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.80	168	845543	50.00	ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	9.45	114	1535868	50.00	ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.01	117	1534323	50.00	ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.11	152	811440	50.00	ug/L	0.00
System Monitoring Compounds						
37) Dibromofluoromethane (surr	8.36	113	607933	46.87	ug/L	0.00
Spiked Amount 50.000 Range 71 - 136 Recovery = 93.74%						
44) d4-1,2-Dichloroethane(surr	8.98	65	909735	40.59	µg/L	0.00
Spiked Amount 50.000 Range 70 - 130 Recovery = 81.18%						
58) D8-Toluene (surr)	11.04	98	1748791	49.94	ug/L	0.00
Spiked Amount 50.000 Range 75 - 126 Recovery = 99.88%						
79) Bromofluorobenzene (surr)	14.63	95	879452	44.40	ug/L	0.00
Spiked Amount 50.000 Range 76 - 120 Recovery = 88.80%						

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.91	85	1994295	94.82	ug/L	97
3) Chloromethane	4.25	50	2150313	65.82	ug/L	98
4) Vinyl Chloride	4.38	62	1571546	93.43	ug/L	99
5) Bromomethane	4.87	94	1098306	228.35	ug/L	99
6) Chloroethane	5.04	64	942536	116.71	ug/L	98
7) Trichlorofluoromethane	5.22	101	2156444	62.87	ug/L	98
8) Diethyl ether	5.56	59	1370542	125.29	µg/L #	100
9) Ethanol	5.68	45	326041	2281.98	ug/L	96
10) 1,2-Dichloro-1,1,2-triflur	6.82	117	341	4.26	ug/L #	18
11) acrolein	6.25	56	368525	242.04	ug/L	99
12) 1,1,2Trichloro-1,2,2triflu	5.86	151	957450	88.12	ug/L #	74
13) 1,1-Dichloroethene	5.86	96	1107656	91.87	ug/L #	72
14) Acetone	6.55	43	2638750	540.33	ug/L	93
15) Iodomethane	6.08	142	7593581	867.27	ug/L	79
16) Carbon disulfide	5.96	76	15690859	470.13	ug/L	98
17) Methyl acetate	6.64	43	1987855	128.38	µg/L #	100
18) Acetonitrile	7.09	41	2954732	1336.12	ug/L	78
19) 3-chloropropene	6.39	41	2054217m	90.34	ug/L	
20) Methylene Chloride	6.50	84	1311032	114.62	ug/L #	75
21) Acrylonitrile	7.42	53	1922222	627.13	ug/L	94
22) Methyl tert-butyl ether	6.75	73	4124454	90.82	ug/L	97
23) t-1,2-Dichloroethene	6.68	96	1236441	99.34	ug/L #	83
24) 1,1-Dichloroethane	7.35	63	2623072	113.39	ug/L	97
25) Vinyl Acetate	7.53	43	15221227	847.55	ug/L	99
26) Isopropyl ether	7.10	45	5098524	115.31	ug/L #	79
27) Chloroprene	7.32	88	1056019	134.85	ug/L	96
28) 2-Butanone	8.49	72	760252	570.78	ug/L #	30
29) c-1,2-Dichloroethene	7.91	96	1177495	110.60	ug/L #	87
30) 2,2-Dichloropropane	8.05	77	1775078	82.68	ug/L	97
31) Cyclohexane	8.17	84	1501388	112.02	µg/L #	100
32) Propionitrile	8.87	54	2393850	1104.58	ug/L #	1
33) Methacrylonitrile	8.87	41	13063255	928.53	ug/L	83
34) Bromochloromethane	8.15	128	443222	83.71	ug/L	98
35) Chloroform	8.16	83	2496931	93.86	ug/L	99
36) Dibromofluoromethane	8.36	113	607933	46.87	ug/L	85
38) 1,1,1-Trichloroethane	8.45	97	1920375	84.26	ug/L	87
39) 1,1-Dichloropropene	8.56	75	1701725	100.31	ug/L	92
40) Isobutyl alcohol	6.64	43	1970361	2227.30	ug/L #	51

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF011.D Vial: 11
Acq On : 11 Jul 2007 20:30 Operator: ds
Sample : BA00970-CAL6 Inst : JVGCMS2
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 10:45 2007 Quant Results File: 82607WGE.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGE.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Jul 11 10:09:08 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
42)	Carbon Tetrachloride	8.37	117	1602432	100.43 ug/L		99
43)	d4-1,2-Dichloroethane	8.98	65	909735	40.59 µg/L	#	84
45)	1,2-Dichloroethane	9.06	62	2384320	80.31 ug/L	#	13
46)	Benzene	8.85	78	4293959	101.04 ug/L		98
47)	Methyl cyclohexane	9.47	83	1833891	98.11 µg/L	#	100
48)	Trichloroethene	9.45	130	1135063	90.68 ug/L		94
49)	1,2-Dichloropropane	10.07	63	1224803	100.20 ug/L		96
50)	Methyl methacrylate	10.16	69	1005750	102.26 ug/L		83
51)	1,4-Dioxane	10.30	88	242423	1928.92 ug/L		88
52)	Dibromomethane	9.96	93	1001254	90.77 ug/L	#	83
53)	Bromodichloromethane	10.08	83	2104910	86.18 ug/L		100
54)	2-Chloroethyl vinyl ether	10.67	63	2495726m	816.65 ug/L		
55)	C-1,3-Dichloropropene	10.80	75	2224502	103.32 ug/L		94
56)	4-Methyl-2-pentanone	11.50	100	1038961	489.43 ug/L	#	4
57)	D8-Toluene	11.04	98	1748791	49.94 ug/L		98
60)	Toluene	11.11	92	2806174	95.73 ug/L		98
61)	T-1,3-Dichloropropene	11.56	75	2174156	92.34 ug/L		99
62)	Ethyl methacrylate	11.66	69	2149138	99.87 ug/L		89
63)	1,1,2-Trichloroethane	11.79	97	1252487	96.82 ug/L		91
64)	1,3-Dichloropropane	12.15	76	2315060	95.05 ug/L		98
65)	Tetrachloroethene	11.59	164	1538152	141.67 ug/L		100
66)	2-Hexanone	12.54	43	7303494	458.31 ug/L		89
67)	Dibromochloromethane	12.03	129	1612173	86.73 ug/L		99
68)	1,2-Dibromoethane	12.41	107	1426437	94.64 ug/L		98
69)	Chlorobenzene	13.04	112	3328881	95.58 ug/L		97
70)	1,1,1,2-Tetrachloroethane	13.09	131	1289636	93.07 ug/L		99
71)	Ethylbenzene	13.01	106	1642639	101.57 ug/L	#	74
72)	m-xylene & p-xylene	13.20	106	4172034	201.80 ug/L		93
73)	O-Xylene	13.79	106	1902835m	93.36 ug/L		
74)	Styrene	13.85	104	3681719	99.08 ug/L		89
75)	Bromoform	13.94	173	1196581	88.42 ug/L		98
76)	Isopropylbenzene	14.20	105	4824310	90.87 ug/L		95
77)	C-1,4-Dichloro-2-butene	14.68	53	673038	123.04 ug/L		94
78)	Bromofluorobenzene	14.63	95	879452	44.40 ug/L		85
80)	1,1,2,2-Tetrachloroethane	14.85	83	1949891	89.22 ug/L		98
81)	Bromobenzene	14.83	156	1490246	88.41 ug/L		98
82)	1,2,3-Trichloropropane	15.10	75	2589300	102.96 ug/L	#	44
83)	T-1,4-Dichloro-2-Butene	15.12	53	646599	104.13 ug/L	#	91
84)	n-Propylbenzene	14.77	91	6791915	93.14 ug/L		90
86)	2-Chlorotoluene	15.05	91	4801486	97.52 ug/L		95
87)	1,3,5-Trimethylbenzene	15.03	105	4498656	105.37 ug/L		98
88)	4-Chlorotoluene	15.28	91	4320738	100.37 ug/L		95
89)	tert-Butylbenzene	15.49	119	3518209	105.56 ug/L		93
90)	Pentachloroethane	15.55	167	299995m	35.85 ug/L		
91)	1,2,4-Trimethylbenzene	15.57	105	4703728	105.59 ug/L		100
92)	s-Butylbenzene	15.70	105	5714962	111.70 ug/L		92
93)	1,3-Dichlorobenzene	16.03	146	2653812	102.11 ug/L		97
94)	p-Isopropyltoluene	15.86	119	4426076	106.84 ug/L		96
95)	1,4-Dichlorobenzene	16.13	146	2708709	96.32 ug/L		96
96)	n-Butylbenzene	16.36	91	4863023	109.41 ug/L		95
97)	1,2-Dichlorobenzene	16.64	146	2606140	99.23 ug/L		97
98)	DBCP	17.62	157	382691	102.96 ug/L	#	78
99)	1,2,4-Trichlorobenzene	18.50	180	1636727	105.23 ug/L		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF011.D
Acq On : 11 Jul 2007 20:30
Sample : BA00970-CAL6
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 12 10:45 2007

Vial: 11
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGE.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGE.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Jul 11 10:09:08 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

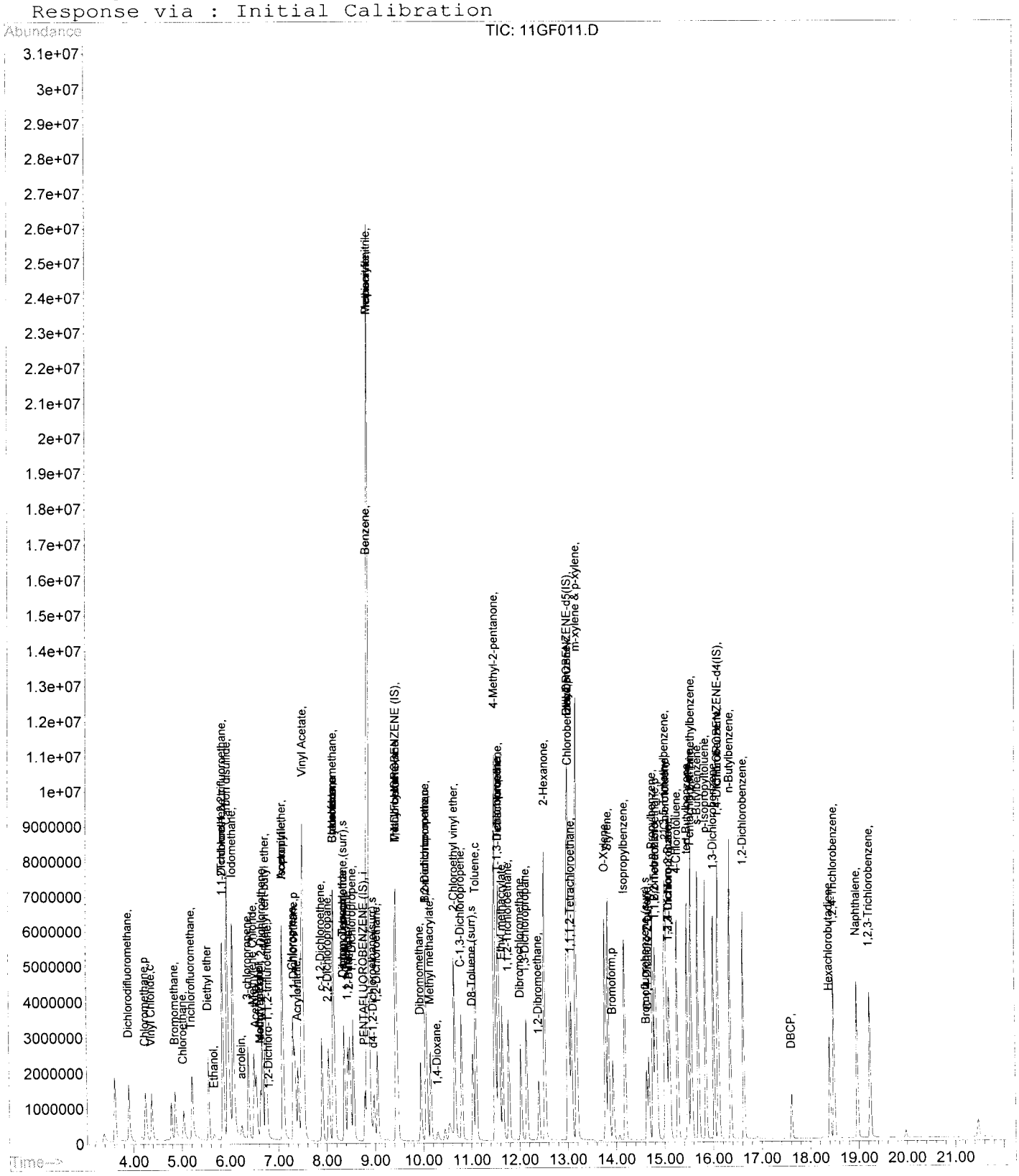
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
100) Hexachlorobutadiene	18.41	225	632388	95.30	ug/L	98
101) Naphthalene	18.98	128	4221547	114.12	ug/L	98
102) 1,2,3-Trichlorobenzene	19.25	180	1524856	103.18	ug/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GF\11GF011.D Vial: 11
Acq On : 11 Jul 2007 20:30 Operator: ds
Sample : BA00970-CAL6 Inst : JVGCMS2
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 12 10:45 2007 Quant Results File: 82607WGE.RES

Method : C:\HPCHEM\1\METHODS\82607WGE.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Jul 11 10:09:08 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF014.D Vial: 14
Acq On : 11 Jul 2007 22:07 Operator: ds
Sample : BA00970-CAL7 Inst : JVGCMS2
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 13 18:23 2007 Quant Results File: 82607WGE.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGE.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Jul 11 10:09:08 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.80	168	786388	50.00	ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	9.44	114	1550831	50.00	ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.01	117	1616069	50.00	ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.11	152	828664	50.00	ug/L	0.00
System Monitoring Compounds						
37) Dibromofluoromethane (surr	8.37	113	550340	45.62	ug/L	0.00
Spiked Amount 50.000 Range 71 - 136 Recovery = 91.24%						
44) d4-1,2-Dichloroethane(surr	8.99	65	877216	38.76	µg/L	0.00
Spiked Amount 50.000 Range 70 - 130 Recovery = 77.52%						
58) D8-Toluene (surr)	11.04	98	1816813	51.39	ug/L	0.00
Spiked Amount 50.000 Range 75 - 126 Recovery = 102.78%						
79) Bromofluorobenzene (surr)	14.63	95	883502	42.35	ug/L	0.00
Spiked Amount 50.000 Range 76 - 120 Recovery = 84.70%						

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.91	85	3634581	188.40	ug/L	98
3) Chloromethane	4.24	50	4322846	142.28	ug/L	98
4) Vinyl Chloride	4.38	62	2913674	186.26	ug/L	95
5) Bromomethane	4.85	94	1148198	261.28	ug/L	97
6) Chloroethane	5.03	64	1581647	216.69	ug/L	98
7) Trichlorofluoromethane	5.22	101	3971185	124.48	ug/L	98
8) Diethyl ether	5.56	59	2373340	241.49	µg/L #	100
9) Ethanol	5.67	45	612235	4775.91	ug/L	97
10) 1,2-Dichloro-1,1,2-triflur	6.80	117	194	2.60	ug/L #	1
11) acrolein	6.24	56	664302	502.34	ug/L	100
12) 1,1,2Trichloro-1,2,2triflu	5.86	151	1659818	164.25	ug/L #	76
13) 1,1-Dichloroethene	5.86	96	1937747	172.81	ug/L #	72
14) Acetone	6.55	43	4911742	1149.15	ug/L	93
15) Iodomethane	6.07	142	12751473	1565.91	ug/L #	77
16) Carbon disulfide	5.96	76	23166238	746.32	ug/L	97
17) Methyl acetate	6.63	43	3726245	268.09	µg/L #	100
18) Acetonitrile	7.10	41	5533732	2773.37	ug/L	77
19) 3-chloropropene	6.39	41	3008697m	142.26	ug/L	
20) Methylene Chloride	6.51	84	2370460	232.38	ug/L #	74
21) Acrylonitrile	7.41	53	3697266	1296.99	ug/L	95
22) Methyl tert-butyl ether	6.75	73	7533164	178.36	ug/L	96
23) t-1,2-Dichloroethene	6.67	96	2228997	192.56	ug/L #	83
24) 1,1-Dichloroethane	7.35	63	4738943	220.27	ug/L	97
25) Vinyl Acetate	7.53	43	20165392	1299.01	ug/L	90
26) Isopropyl ether	7.11	45	9062241	220.37	ug/L #	81
27) Chloroprene	7.31	88	1960752	271.01	ug/L	96
28) 2-Butanone	8.49	72	1328733	1084.17	ug/L #	23
29) c-1,2-Dichloroethene	7.91	96	2105316	212.62	ug/L #	87
30) 2,2-Dichloropropane	8.05	77	3051581	152.83	ug/L	97
31) Cyclohexane	8.16	84	2629725	210.96	µg/L #	100
32) Propionitrile	8.87	54	4632193	2298.19	ug/L #	1
33) Methacrylonitrile	8.88	41	19822510	1514.96	ug/L	94
34) Bromochloromethane	8.14	128	794995	161.44	ug/L	100
35) Chloroform	8.16	83	4457426	180.15	ug/L	97
36) Dibromofluoromethane	8.37	113	550340	45.62	ug/L	87
38) 1,1,1-Trichloroethane	8.44	97	3456915	163.08	ug/L	88
39) 1,1-Dichloropropene	8.56	75	3150024	199.65	ug/L	92
40) Isobutyl alcohol	6.63	43	3683666	4549.83	ug/L #	51

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF014.D
Acq On : 11 Jul 2007 22:07
Sample : BA00970-CAL7
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 18:23 2007

Vial: 14
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGE.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGE.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Jul 11 10:09:08 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
42)	Carbon Tetrachloride	8.38	117	2861336	181.82 ug/L		99
43)	d4-1,2-Dichloroethane	8.99	65	877216	38.76 µg/L	#	83
45)	1,2-Dichloroethane	9.06	62	4542608	151.54 ug/L	#	13
46)	Benzene	8.85	78	8100372	188.76 ug/L		99
47)	Methyl cyclohexane	9.47	83	3662012	194.90 µg/L	#	100
48)	Trichloroethene	9.45	130	2238108	177.09 ug/L		93
49)	1,2-Dichloropropane	10.07	63	2419011	195.99 ug/L		96
50)	Methyl methacrylate	10.16	69	2119093	213.39 ug/L		82
51)	1,4-Dioxane	10.30	88	532157	4193.43 ug/L		89
52)	Dibromomethane	9.95	93	1999819	179.55 ug/L	#	83
53)	Bromodichloromethane	10.08	83	4188472	169.84 ug/L		100
54)	2-Chloroethyl vinyl ether	10.66	63	5758939m	1796.12 ug/L		
55)	C-1,3-Dichloropropene	10.81	75	4467619	205.51 ug/L		95
56)	4-Methyl-2-pentanone	11.51	100	2162016	1008.65 ug/L	#	48
57)	D8-Toluene	11.04	98	1816813	51.39 ug/L		98
60)	Toluene	11.10	92	5880097	190.44 ug/L		96
61)	T-1,3-Dichloropropene	11.56	75	4493306	181.19 ug/L		99
62)	Ethyl methacrylate	11.65	69	4523846	199.58 ug/L		90
63)	1,1,2-Trichloroethane	11.78	97	2552545	187.34 ug/L		89
64)	1,3-Dichloropropane	12.15	76	4709649	183.58 ug/L		99
65)	Tetrachloroethene	11.58	164	3051630	266.85 ug/L		99
66)	2-Hexanone	12.53	43	12966510	772.51 ug/L		96
67)	Dibromochloromethane	12.04	129	3373295	172.28 ug/L		99
68)	1,2-Dibromoethane	12.40	107	2984194	187.97 ug/L		98
69)	Chlorobenzene	13.04	112	6647727	181.21 ug/L		99
70)	1,1,1,2-Tetrachloroethane	13.09	131	2603702	178.40 ug/L		100
71)	Ethylbenzene	13.01	106	3352374	196.81 ug/L		87
72)	m-xylene & p-xylene	13.19	106	8145257	374.05 ug/L		89
73)	O-Xylene	13.79	106	3827540m	179.96 ug/L		
74)	Styrene	13.86	104	7195356	183.84 ug/L		89
75)	Bromoform	13.95	173	2390339	167.70 ug/L		99
76)	Isopropylbenzene	14.19	105	9140937	164.21 ug/L		98
77)	C-1,4-Dichloro-2-butene	14.68	53	1319766	229.08 ug/L		98
78)	Bromofluorobenzene	14.63	95	883502	42.35 ug/L		85
80)	1,1,2,2-Tetrachloroethane	14.85	83	3926510	170.58 ug/L		99
81)	Bromobenzene	14.83	156	3018804	170.04 ug/L		99
82)	1,2,3-Trichloropropane	15.11	75	5210359	200.02 ug/L	#	44
83)	T-1,4-Dichloro-2-Butene	15.12	53	1288651	197.03 ug/L	#	91
84)	n-Propylbenzene	14.77	91	12350305	160.79 ug/L		94
86)	2-Chlorotoluene	15.05	91	9337292	185.70 ug/L		97
87)	1,3,5-Trimethylbenzene	15.03	105	8662103	198.68 ug/L		99
88)	4-Chlorotoluene	15.27	91	8267492	188.06 ug/L		98
89)	tert-Butylbenzene	15.48	119	6766374	198.80 ug/L		93
90)	Pentachloroethane	15.55	167	786628m	92.04 ug/L		
91)	1,2,4-Trimethylbenzene	15.57	105	8792928	193.29 ug/L		95
92)	s-Butylbenzene	15.71	105	10316092	197.43 ug/L		96
93)	1,3-Dichlorobenzene	16.02	146	5189503	195.52 ug/L		98
94)	p-Isopropyltoluene	15.86	119	8319138	196.64 ug/L		97
95)	1,4-Dichlorobenzene	16.12	146	5259341	183.12 ug/L		98
96)	n-Butylbenzene	16.37	91	8855025	195.08 ug/L		93
97)	1,2-Dichlorobenzene	16.64	146	5105788	190.35 ug/L		99
98)	DBCP	17.62	157	791534	208.52 ug/L	#	78
99)	1,2,4-Trichlorobenzene	18.49	180	3374164	212.43 ug/L		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF014.D
Acq On : 11 Jul 2007 22:07
Sample : BA00970-CAL7
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 18:23 2007

Vial: 14
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGE.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGE.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Jul 11 10:09:08 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

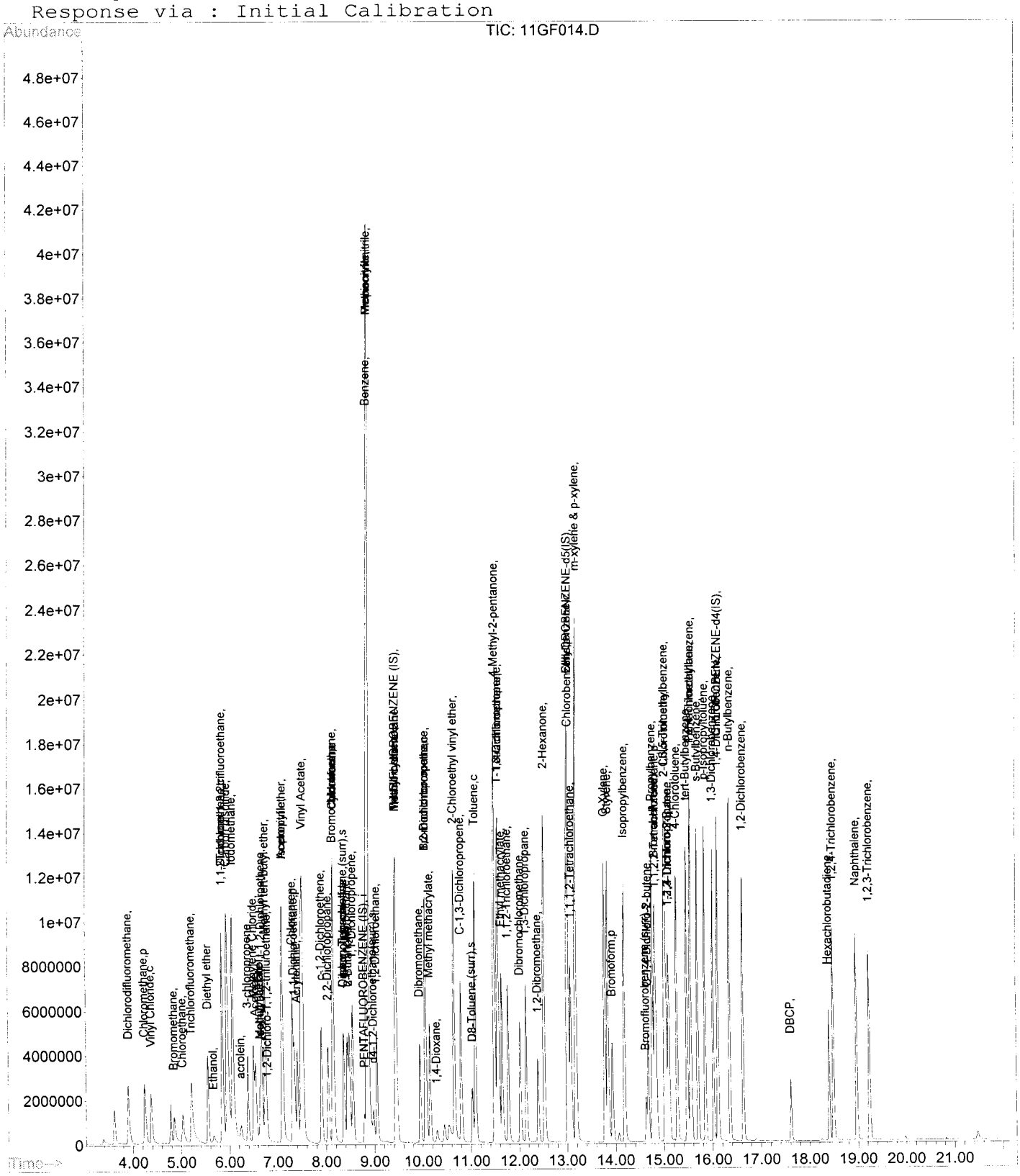
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
100) Hexachlorobutadiene	18.40	225	1290505	190.44 ug/L	99
101) Naphthalene	18.97	128	8425621	223.04 ug/L	99
102) 1,2,3-Trichlorobenzene	19.24	180	3159709	209.36 ug/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GF\11GF014.D Vial: 14
Acq On : 11 Jul 2007 22:07 Operator: ds
Sample : BA00970-CAL7 Inst : JVGCMS2
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 13 18:23 2007 Quant Results File: 82607WGE.RES

Method : C:\HPCHEM\1\METHODS\82607WGE.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Jul 11 10:09:08 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF018.D
Acq On : 12 Jul 2007 00:16
Sample : BA00970-SCV2
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 17:18 2007

Vial: 18
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:15:22 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.80	168	740839	50.00 ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	9.44	114	1259831	50.00 ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.01	117	1307432	50.00 ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.11	152	735123	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	8.36	113	580616	53.83 ug/L	0.00
Spiked Amount 50.000 Range 71 - 136 Recovery = 107.66%					
44) d4-1,2-Dichloroethane(surr	8.98	65	789570	51.71 µg/L	0.00
Spiked Amount 50.000 Range 70 - 130 Recovery = 103.42%					
58) D8-Toluene (surr)	11.04	98	1445887	50.27 ug/L	0.00
Spiked Amount 50.000 Range 75 - 126 Recovery = 100.54%					
79) Bromofluorobenzene (surr)	14.63	95	797444	52.20 ug/L	0.00
Spiked Amount 50.000 Range 76 - 120 Recovery = 104.40%					

Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.90	85	1519234	84.69 ug/L	97
3) Chloromethane	4.25	50	1662411	80.50 ug/L	97
4) Vinyl Chloride	4.38	62	1456107	95.54 ug/L	97
5) Bromomethane	4.87	94	779490	80.36 ug/L	98
6) Chloroethane	5.05	64	832823	107.18 ug/L	96
7) Trichlorofluoromethane	5.22	101	2263070	112.17 ug/L	98
8) Diethyl ether	5.56	59	1058865	88.44 µg/L #	100
9) Ethanol	5.66	45	41475m	309.17 ug/L	
10) 1,2-Dichloro-1,1,2-triflur	6.81	117	527	No Calib #	
11) acrolein	6.24	56	496671	741.47 ug/L	99
12) 1,1,2Trichloro-1,2,2triflu	5.86	151	796135	97.24 ug/L #	74
13) 1,1-Dichloroethene	5.85	96	904807	86.51 ug/L #	71
14) Acetone	6.54	43	1293707	274.89 ug/L	92
15) Iodomethane	6.08	142	1643612	132.19 ug/L #	76
16) Carbon disulfide	5.96	76	3223807	110.77 ug/L	96
17) Methyl acetate	6.64	43	773988m	43.53 µg/L	
18) Acetonitrile	7.10	41	864658	323.25 ug/L #	43
19) 3-chloropropene	6.38	41	1720795	73.70 ug/L #	88
20) Methylene Chloride	6.50	84	1104415	96.39 ug/L #	75
21) Acrylonitrile	7.41	53	441426	133.49 ug/L	98
22) Methyl tert-butyl ether	6.75	73	3459887	93.24 ug/L	97
23) t-1,2-Dichloroethene	6.68	96	1021731	92.49 ug/L #	83
24) 1,1-Dichloroethane	7.35	63	2230215	95.74 ug/L	96
25) Vinyl Acetate	7.53	43	2256571	70.10 ug/L	90
26) Isopropyl ether	7.10	45	4126644	89.98 ug/L #	79
27) Chloroprene	7.31	88	782395	87.07 ug/L	96
28) 2-Butanone	8.49	72	294028	236.17 ug/L #	21
29) c-1,2-Dichloroethene	7.91	96	881954	85.30 ug/L #	86
30) 2,2-Dichloropropane	8.05	77	1351105	84.28 ug/L	97
31) Cyclohexane	8.17	84	1177390	96.30 µg/L #	100
32) Propionitrile	8.86	54	206431	101.17 ug/L #	1
33) Methacrylonitrile	8.87	41	1529588	135.04 ug/L #	60
34) Bromochloromethane	8.14	128	415032	94.79 ug/L	99
35) Chloroform	8.16	83	2104666	93.85 ug/L	99
36) Dibromofluoromethane	8.36	113	580616	53.83 ug/L	86
38) 1,1,1-Trichloroethane	8.45	97	1685612	96.20 ug/L	87
39) 1,1-Dichloropropene	8.56	75	1438635	99.47 ug/L	91
40) Isobutyl alcohol	6.64	43	758614	875.76 ug/L #	51

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF018.D
Acq On : 12 Jul 2007 00:16
Sample : BA00970-SCV2
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 17:18 2007

Vial: 18
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:15:22 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
42)	Carbon Tetrachloride	8.37	117	1438554	104.56	ug/L		99
43)	d4-1,2-Dichloroethane	8.98	65	789570	51.71	µg/L	#	85
45)	1,2-Dichloroethane	9.05	62	1973516	97.76	ug/L	#	12
46)	Benzene	8.85	78	3417577	91.76	ug/L		98
47)	Methyl cyclohexane	9.47	83	1297997	86.20	µg/L	#	100
48)	Trichloroethene	9.45	130	860237	93.38	ug/L		92
49)	1,2-Dichloropropane	10.07	63	940757	91.39	ug/L		97
50)	Methyl methacrylate	10.16	69	826253	106.22	ug/L		81
51)	1,4-Dioxane	10.29	88	10290	104.88	ug/L	#	9
52)	Dibromomethane	9.95	93	773176	89.40	ug/L	#	81
53)	Bromodichloromethane	10.08	83	1621272	88.78	ug/L		99
54)	2-Chloroethyl vinyl ether	10.66	63	295843	101.59	ug/L		90
55)	C-1,3-Dichloropropene	10.80	75	1668629	96.48	ug/L		90
56)	4-Methyl-2-pentanone	11.50	100	377978	244.27	ug/L	#	1
57)	D8-Toluene	11.04	98	1445887	50.27	ug/L		98
60)	Toluene	11.10	92	2200520	82.76	ug/L		99
61)	T-1,3-Dichloropropene	11.56	75	1911097	98.84	ug/L		98
62)	Ethyl methacrylate	11.66	69	1689113	97.19	ug/L		88
63)	1,1,2-Trichloroethane	11.79	97	1006096	92.25	ug/L		90
64)	1,3-Dichloropropane	12.15	76	1808077	89.94	ug/L		99
65)	Tetrachloroethene	11.59	164	1368895	109.39	ug/L		99
66)	2-Hexanone	12.53	43	2834688	243.18	ug/L		87
67)	Dibromochloromethane	12.03	129	1328269	91.83	ug/L		99
68)	1,2-Dibromoethane	12.40	107	1181603	94.75	ug/L		98
69)	Chlorobenzene	13.04	112	2710141	93.58	ug/L		97
70)	1,1,1,2-Tetrachloroethane	13.09	131	1047569	91.08	ug/L		100
71)	Ethylbenzene	13.01	106	1287988	92.00	ug/L	#	73
72)	m-xylene & p-xylene	13.18	106	3357103	195.58	ug/L		89
73)	O-Xylene	13.79	106	1606377	97.51	ug/L		84
74)	Styrene	13.85	104	3007661	100.10	ug/L		89
75)	Bromoform	13.94	173	1044157	102.02	ug/L		98
76)	Isopropylbenzene	14.19	105	4364404	113.49	ug/L		96
77)	C-1,4-Dichloro-2-butene	14.68	53	527483	87.47	ug/L		92
78)	Bromofluorobenzene	14.63	95	797444	52.20	ug/L		85
80)	1,1,2,2-Tetrachloroethane	14.85	83	1685373	94.07	ug/L		98
81)	Bromobenzene	14.83	156	1244339	96.75	ug/L		99
82)	1,2,3-Trichloropropane	15.10	75	2211585	98.75	ug/L	#	44
83)	T-1,4-Dichloro-2-Butene	15.11	53	549466	96.18	ug/L	#	91
84)	n-Propylbenzene	14.77	91	5844846	104.17	ug/L		90
86)	2-Chlorotoluene	15.04	91	4045574	92.54	ug/L		94
87)	1,3,5-Trimethylbenzene	15.03	105	3824202	97.90	ug/L		97
88)	4-Chlorotoluene	15.28	91	3756739	96.75	ug/L		95
89)	tert-Butylbenzene	15.49	119	3039540	100.11	ug/L		92
90)	Pentachloroethane	15.55	167	161429	42.97	ug/L		89
91)	1,2,4-Trimethylbenzene	15.57	105	4001832	98.63	ug/L		100
92)	s-Butylbenzene	15.70	105	5009973	104.01	ug/L		92
93)	1,3-Dichlorobenzene	16.03	146	2377864	101.37	ug/L		97
94)	p-Isopropyltoluene	15.86	119	3916855	104.86	ug/L		96
95)	1,4-Dichlorobenzene	16.13	146	2448453	97.08	ug/L		97
96)	n-Butylbenzene	16.36	91	4211645	98.72	ug/L		95
97)	1,2-Dichlorobenzene	16.64	146	2299569	97.43	ug/L		98
98)	DBCP	17.62	157	337422	100.13	ug/L	#	78
99)	1,2,4-Trichlorobenzene	18.50	180	1449340	100.56	ug/L		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF018.D
Acq On : 12 Jul 2007 00:16
Sample : BA00970-SCV2
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 17:18 2007

Vial: 18
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:15:22 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
100) Hexachlorobutadiene	18.41	225	558118	95.55 ug/L	98
101) Naphthalene	18.97	128	3641688	100.43 ug/L	99
102) 1,2,3-Trichlorobenzene	19.24	180	1340383	100.50 ug/L	98

(#) = qualifier out of range (m) = manual integration

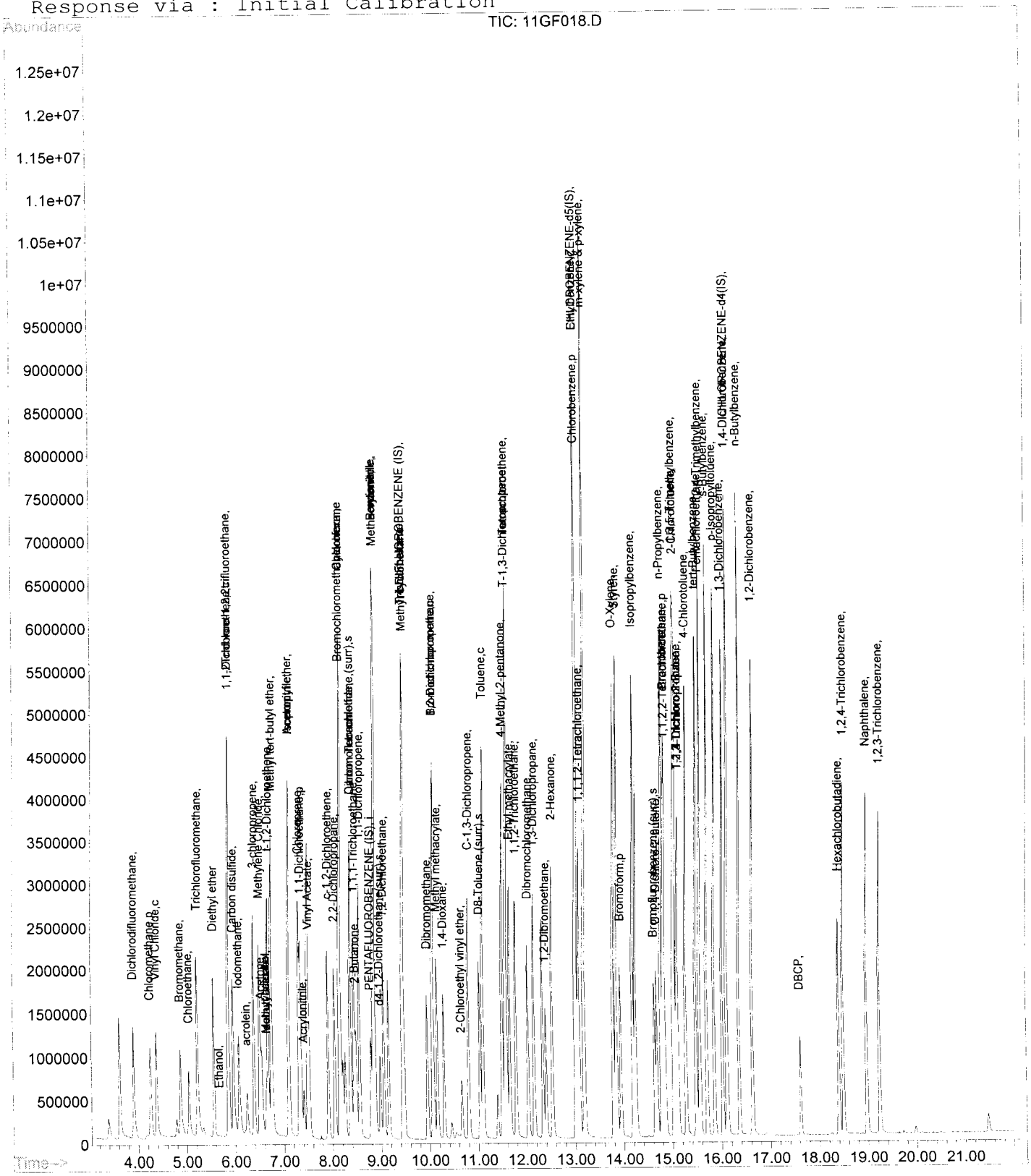
Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GF\11GF018.D
Acq On : 12 Jul 2007 00:16
Sample : BA00970-SCV2
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 17:18 2007

Vial: 18
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

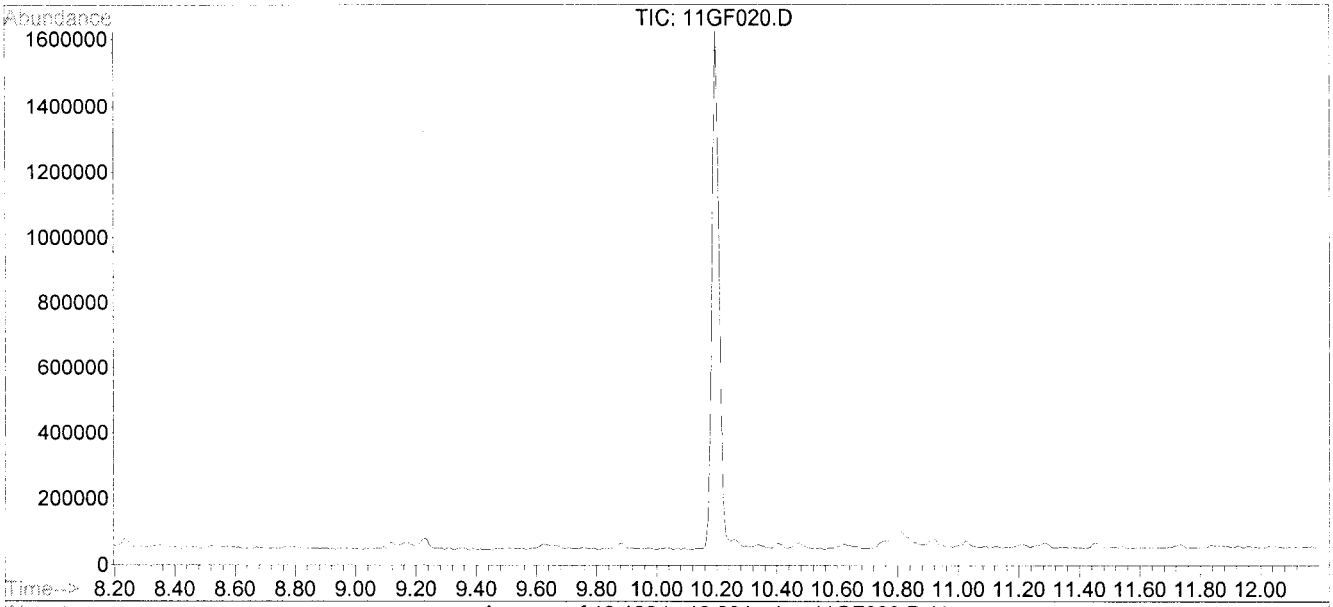
Quant Results File: 82607WGF.RES

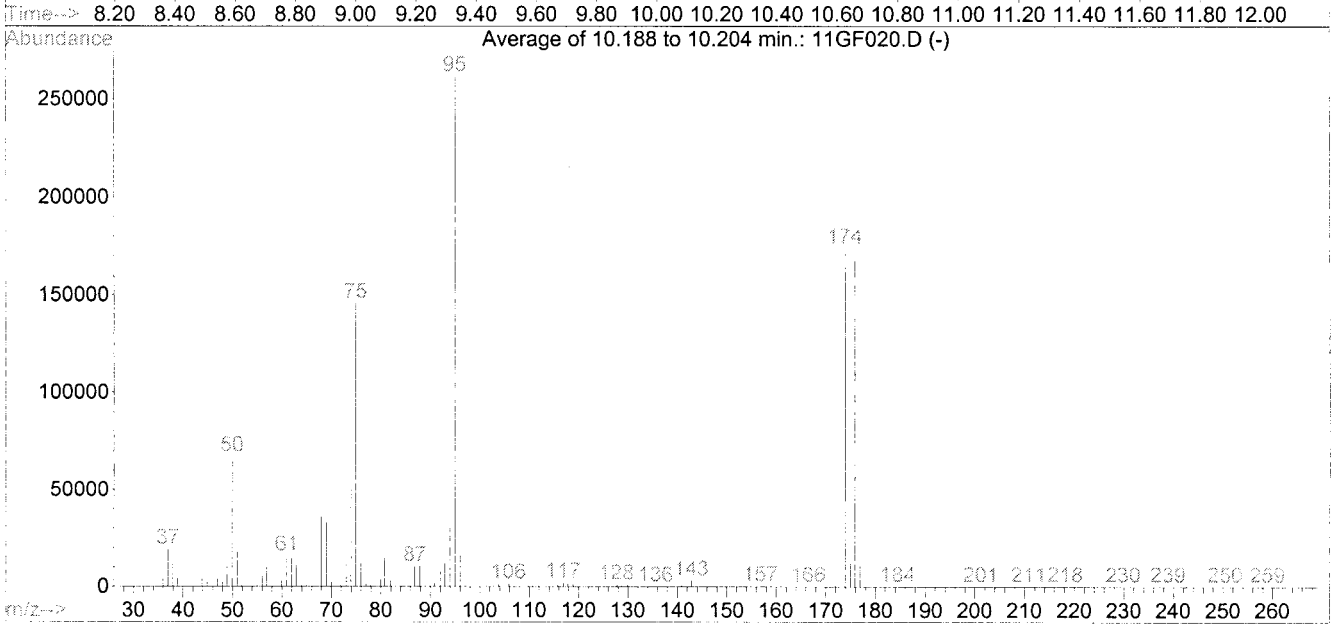
Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration



BFB

Data File : C:\HPCHEM\1\DATA\200711GF\11GF020.D Vial: 20
Acq On : 12 Jul 2007 1:20 Operator: ds
Sample : BA00966-TUN1 Inst : JVGCMS2
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : C:\HPCHEM\1\METHODS\82607WGE.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260





Spectrum Information: Average of 10.188 to 10.204 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	25.7	67128	PASS
75	95	30	60	55.7	145715	PASS
95	95	100	100	100.0	261479	PASS
96	95	5	9	6.1	16021	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	66.5	173944	PASS
175	174	5	9	7.1	12286	PASS
176	174	95	101	96.5	167869	PASS
177	176	5	9	6.5	10932	PASS

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF022.D
Acq On : 12 Jul 2007 2:24
Sample : BA00966-CCV1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 12 10:17 2007

Vial: 22
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:15:22 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.80	168	771071	50.00	ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	9.45	114	1348015	50.00	ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.01	117	1287719	50.00	ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.11	152	720800	50.00	ug/L	0.00
System Monitoring Compounds						
37) Dibromofluoromethane (surr	8.36	113	553810	49.33	ug/L	0.00
Spiked Amount 50.000 Range 71 - 136 Recovery = 98.66%						
44) d4-1,2-Dichloroethane(surr	8.98	65	817679	50.05	µg/L	0.00
Spiked Amount 50.000 Range 70 - 130 Recovery = 100.10%						
58) D8-Toluene (surr)	11.04	98	1500975	48.77	ug/L	0.00
Spiked Amount 50.000 Range 75 - 126 Recovery = 97.54%						
79) Bromofluorobenzene (surr)	14.63	95	760394	50.54	ug/L	0.00
Spiked Amount 50.000 Range 76 - 120 Recovery = 101.08%						

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.91	85	1015956	54.41	ug/L	98
3) Chloromethane	4.25	50	1191716	54.37	ug/L	97
4) Vinyl Chloride	4.38	62	896798	56.53	ug/L	96
5) Bromomethane	4.87	94	600170	59.71	ug/L	99
6) Chloroethane	5.05	64	475400	56.62	ug/L	99
7) Trichlorofluoromethane	5.22	101	1080161	51.44	ug/L	99
8) Diethyl ether	5.56	59	635161	50.97	µg/L #	100
9) Ethanol	5.67	45	151392	1029.66	ug/L	99
10) 1,2-Dichloro-1,1,2-triflur	6.80	117	236	No Calib	#	
11) acrolein	6.24	56	147700	211.85	ug/L	98
12) 1,1,2Trichloro-1,2,2triflu	5.86	151	403351	47.34	ug/L #	75
13) 1,1-Dichloroethene	5.86	96	505884	46.47	ug/L #	75
14) Acetone	6.55	43	1236642	251.84	ug/L	93
15) Iodomethane	6.08	142	3476683	270.83	ug/L	80
16) Carbon disulfide	5.96	76	6838175	225.75	ug/L	96
17) Methyl acetate	6.64	43	899826	48.63	µg/L #	100
18) Acetonitrile	7.09	41	1415509	514.56	ug/L	80
19) 3-chloropropene	6.39	41	983515	40.47	ug/L #	91
20) Methylene Chloride	6.50	84	630315	51.17	ug/L #	74
21) Acrylonitrile	7.41	53	901936	262.06	ug/L	95
22) Methyl tert-butyl ether	6.75	73	1930040	49.97	ug/L	96
23) t-1,2-Dichloroethene	6.68	96	546487	47.53	ug/L #	81
24) 1,1-Dichloroethane	7.35	63	1185099	48.88	ug/L	95
25) Vinyl Acetate	7.53	43	6781230	202.41	ug/L	96
26) Isopropyl ether	7.10	45	2335668	48.93	ug/L #	79
27) Chloroprene	7.32	88	462716	49.48	ug/L	95
28) 2-Butanone	8.49	72	325888	251.49	ug/L #	19
29) c-1,2-Dichloroethene	7.91	96	527626	49.03	ug/L #	86
30) 2,2-Dichloropropane	8.05	77	669293m	40.11	ug/L	
31) Cyclohexane	8.17	84	630110	49.52	µg/L #	100
32) Propionitrile	8.87	54	1145993	539.61	ug/L #	1
33) Methacrylonitrile	8.87	41	6726351	570.55	ug/L	77
34) Bromochloromethane	8.14	128	229690	50.40	ug/L	98
35) Chloroform	8.16	83	1133438	48.56	ug/L	99
36) Dibromofluoromethane	8.36	113	553810	49.33	ug/L	87
38) 1,1,1-Trichloroethane	8.45	97	872138	47.82	ug/L	87
39) 1,1-Dichloropropene	8.56	75	732981	48.69	ug/L	91
40) Isobutyl alcohol	6.64	43	890248	987.62	ug/L #	50

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF022.D
Acq On : 12 Jul 2007 2:24
Sample : BA00966-CCV1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 12 10:17 2007

Vial: 22
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:15:22 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
42)	Carbon Tetrachloride	8.37	117	726329	49.34	ug/L		99
43)	d4-1,2-Dichloroethane	8.98	65	817679	50.05	µg/L	#	84
45)	1,2-Dichloroethane	9.06	62	1090594	50.49	ug/L	#	13
46)	Benzene	8.85	78	1962389	49.24	ug/L		98
47)	Methyl cyclohexane	9.47	83	770692	47.09	µg/L	#	100
48)	Trichloroethene	9.45	130	511277	51.87	ug/L		94
49)	1,2-Dichloropropane	10.07	63	533809	48.46	ug/L		97
50)	Methyl methacrylate	10.16	69	445824	53.56	ug/L		82
51)	1,4-Dioxane	10.30	88	107447	1023.50	ug/L		84
52)	Dibromomethane	9.96	93	451078	48.75	ug/L	#	83
53)	Bromodichloromethane	10.08	83	962594	49.26	ug/L		99
54)	2-Chloroethyl vinyl ether	10.67	63	953143	226.95	ug/L		89
55)	C-1,3-Dichloropropene	10.80	75	938237	50.70	ug/L		92
56)	4-Methyl-2-pentanone	11.50	100	439644	265.54	ug/L	#	1
57)	D8-Toluene	11.04	98	1500975	48.77	ug/L		98
60)	Toluene	11.11	92	1244712	47.53	ug/L		97
61)	T-1,3-Dichloropropene	11.56	75	957446	50.28	ug/L		100
62)	Ethyl methacrylate	11.66	69	951730	55.60	ug/L		89
63)	1,1,2-Trichloroethane	11.79	97	548967	51.11	ug/L		88
64)	1,3-Dichloropropane	12.15	76	1014531	51.24	ug/L		98
65)	Tetrachloroethene	11.59	164	730672	59.39	ug/L		98
66)	2-Hexanone	12.54	43	3180324	277.01	ug/L		86
67)	Dibromochloromethane	12.03	129	720188	50.55	ug/L		98
68)	1,2-Dibromoethane	12.40	107	617574	50.28	ug/L		99
69)	Chlorobenzene	13.04	112	1431445	50.18	ug/L		98
70)	1,1,1,2-Tetrachloroethane	13.09	131	577354	50.97	ug/L		99
71)	Ethylbenzene	13.01	106	698585	50.66	ug/L	#	71
72)	m-xylene & p-xylene	13.20	106	1774291	104.95	ug/L		84
73)	O-Xylene	13.79	106	844029	51.28	ug/L		85
74)	Styrene	13.85	104	1597394	52.65	ug/L		89
75)	Bromoform	13.94	173	548709	54.43	ug/L		98
76)	Isopropylbenzene	14.19	105	2083949	55.02	ug/L		95
77)	C-1,4-Dichloro-2-butene	14.68	53	283328	47.70	ug/L		94
78)	Bromofluorobenzene	14.63	95	760394	50.54	ug/L		85
80)	1,1,2,2-Tetrachloroethane	14.85	83	867244	49.15	ug/L		99
81)	Bromobenzene	14.83	156	673673	53.18	ug/L		99
82)	1,2,3-Trichloropropane	15.10	75	1185052	53.72	ug/L	#	44
83)	T-1,4-Dichloro-2-Butene	15.12	53	283738	50.43	ug/L	#	92
84)	n-Propylbenzene	14.77	91	3003338	54.35	ug/L		89
86)	2-Chlorotoluene	15.05	91	2161305	50.42	ug/L		94
87)	1,3,5-Trimethylbenzene	15.03	105	1974586	51.55	ug/L		97
88)	4-Chlorotoluene	15.28	91	1941748	51.00	ug/L		95
89)	tert-Butylbenzene	15.49	119	1525564	51.24	ug/L		92
90)	Pentachloroethane	15.55	167	62521	12.67	ug/L		97
91)	1,2,4-Trimethylbenzene	15.57	105	2087583	52.47	ug/L		100
92)	s-Butylbenzene	15.70	105	2522145	53.40	ug/L		91
93)	1,3-Dichlorobenzene	16.03	146	1202125	52.27	ug/L		96
94)	p-Isopropyltoluene	15.86	119	1961342	53.55	ug/L		95
95)	1,4-Dichlorobenzene	16.13	146	1240955	50.18	ug/L		97
96)	n-Butylbenzene	16.36	91	2124125	50.78	ug/L		94
97)	1,2-Dichlorobenzene	16.64	146	1180555	51.01	ug/L		97
98)	DBCP	17.62	157	170831	51.70	ug/L	#	79
99)	1,2,4-Trichlorobenzene	18.50	180	726097	51.38	ug/L		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF022.D
Acq On : 12 Jul 2007 2:24
Sample : BA00966-CCV1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 12 10:17 2007

Vial: 22
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:15:22 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
100) Hexachlorobutadiene	18.41	225	276359	48.25 ug/L	100
101) Naphthalene	18.97	128	1889368	53.14 ug/L	98
102) 1,2,3-Trichlorobenzene	19.24	180	688524	52.65 ug/L	98

(#) = qualifier out of range (m) = manual integration

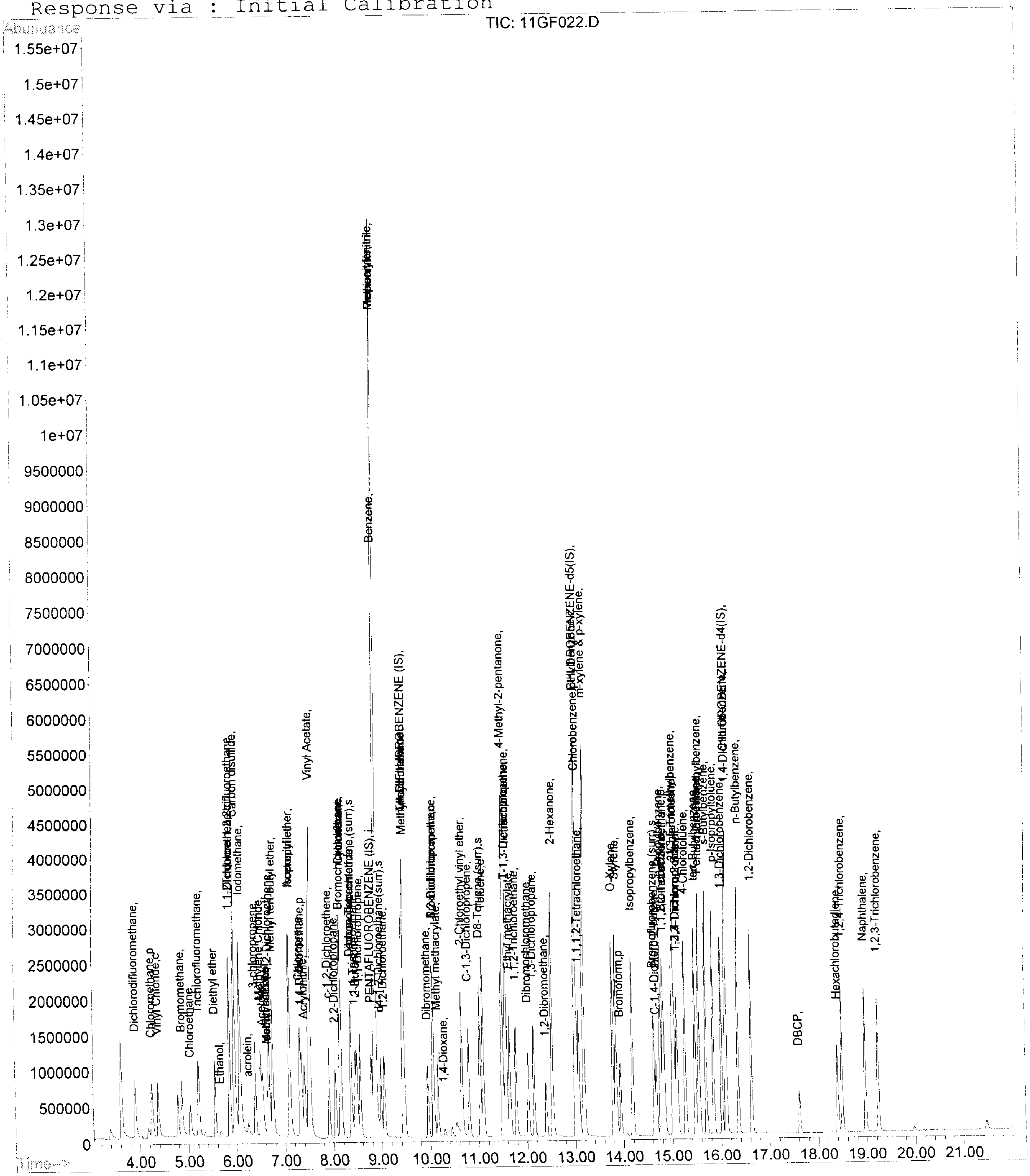
Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GF\11GF022.D
Acq On : 12 Jul 2007 2:24
Sample : BA00966-CCV1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 12 10:17 2007

Vial: 22
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration



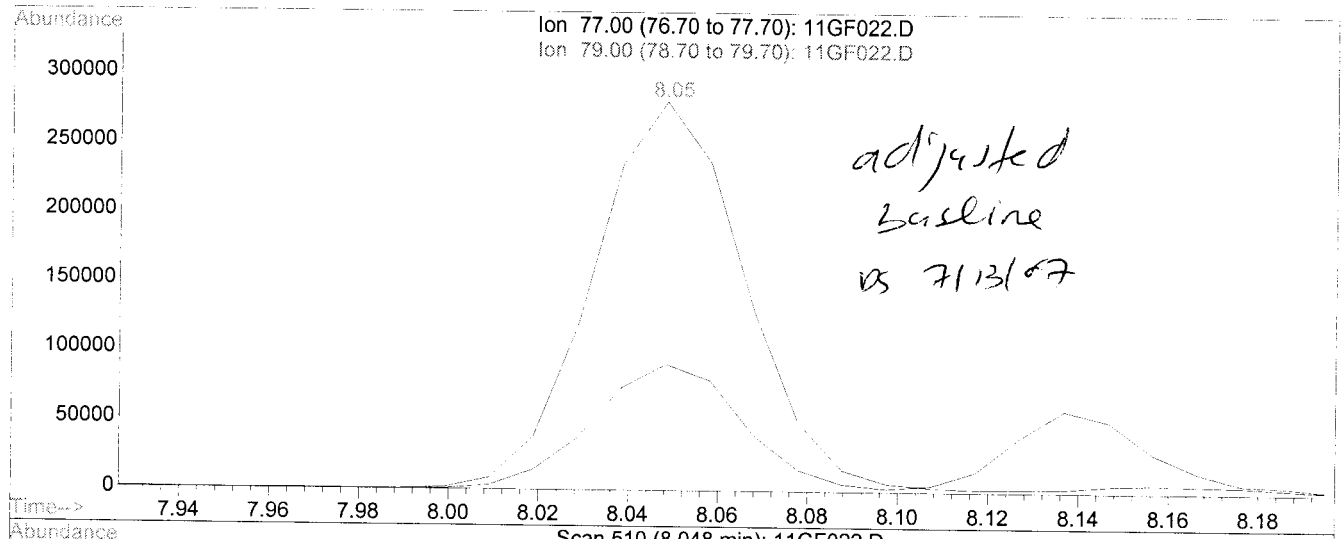
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF022.D
Acq On : 12 Jul 2007 2:24
Sample : BA00966-CCV1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 12 10:17 2007

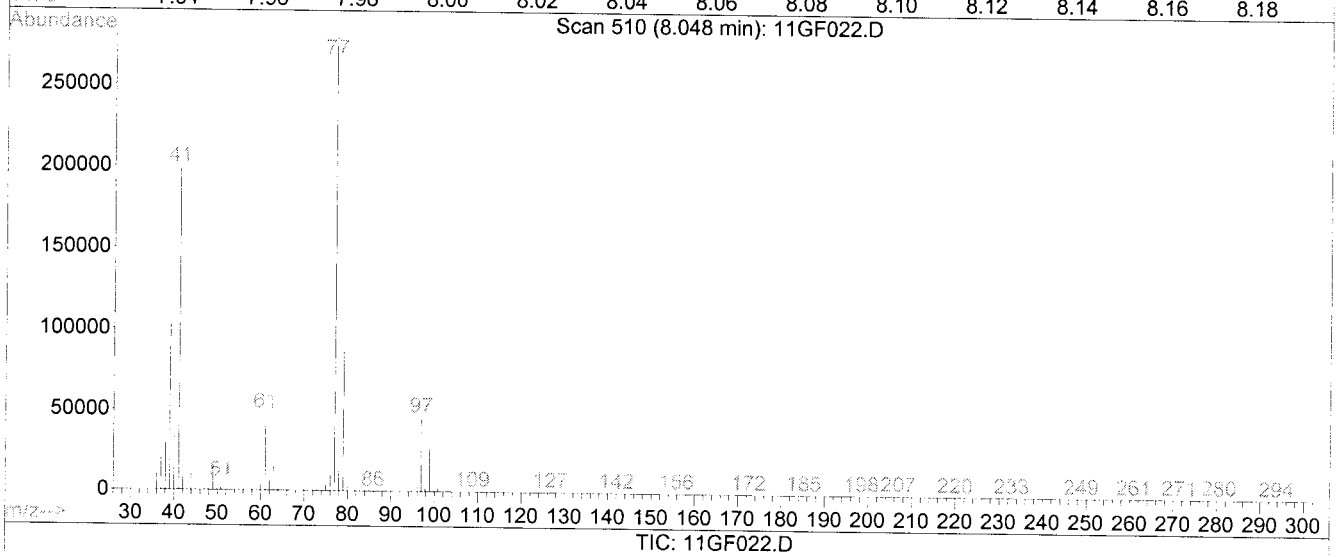
Vial: 22
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Multiple Level Calibration



adjusted baseline 7/13/07



(30) 2,2-Dichloropropane ( )

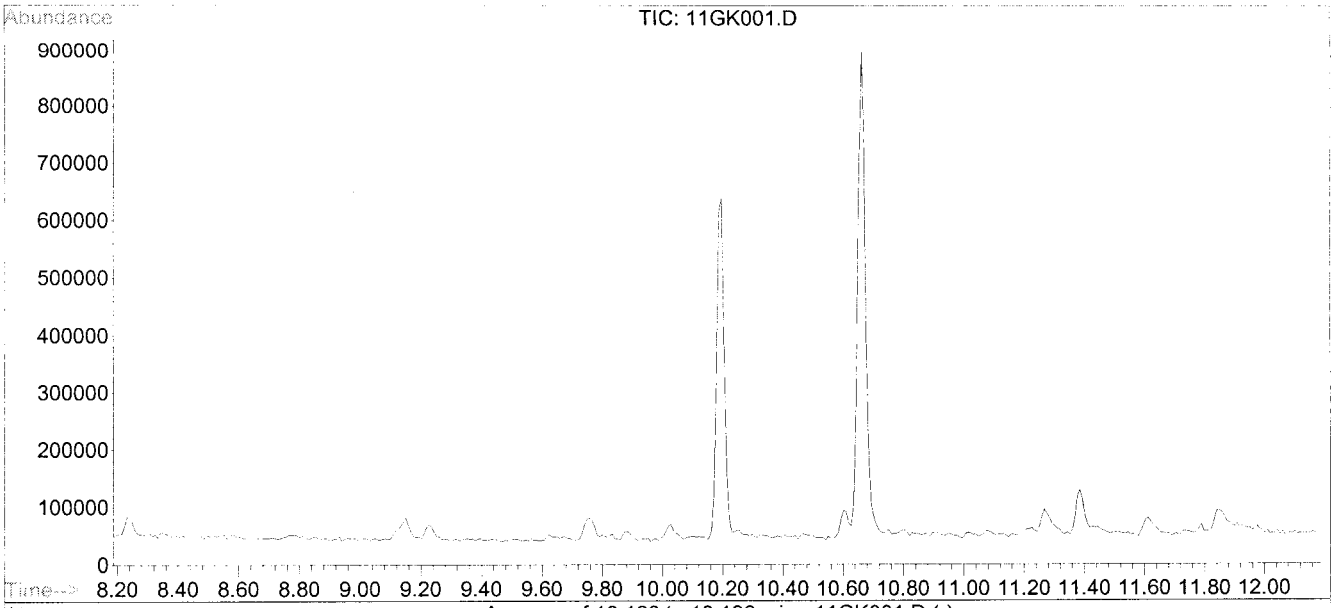
8.05min 40.11ug/L m

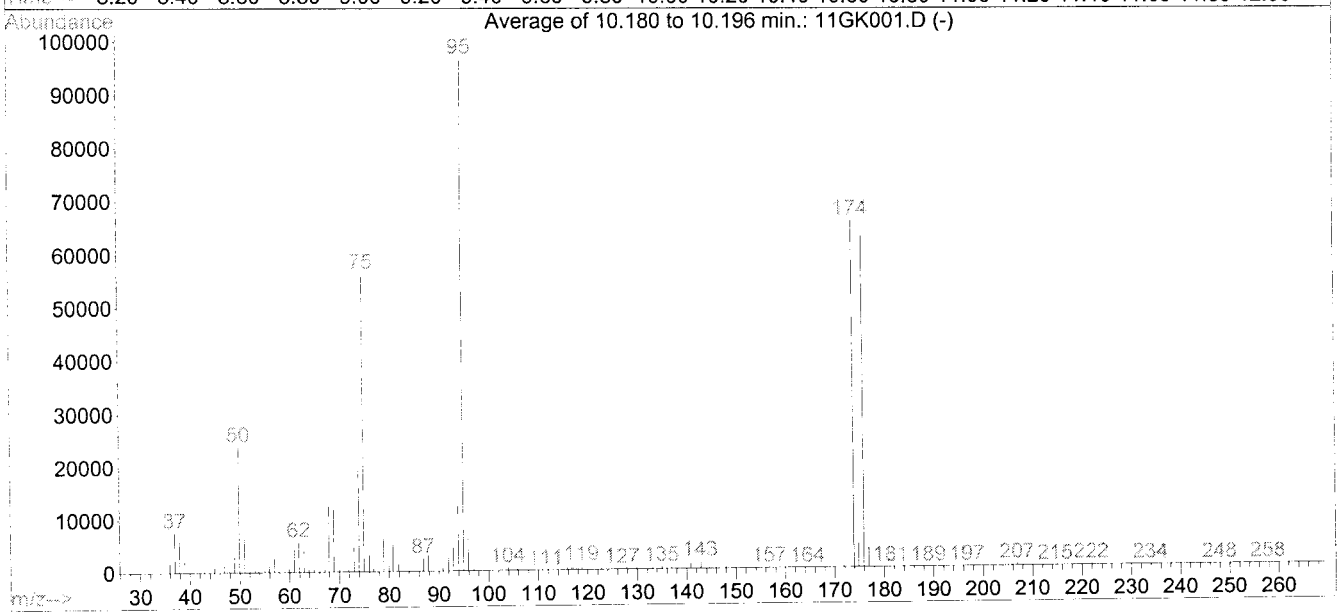
response 669293

Ion	Exp%	Act%
77.00	100	100
79.00	33.60	31.67
0.00	0.00	0.00
0.00	0.00	0.00

Data File : C:\HPCHEM\1\DATA\200711GK\11GK001.D
Acq On : 16 Jul 2007 10:56
Sample : BA00966-TUN3
Misc :
MS Integration Params: RTEINT.P
Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260

Vial: 1
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00





Spectrum Information: Average of 10.180 to 10.196 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.7	23896	PASS
75	95	30	60	58.3	56396	PASS
95	95	100	100	100.0	96733	PASS
96	95	5	9	6.7	6497	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	68.2	65979	PASS
175	174	5	9	6.9	4543	PASS
176	174	95	101	96.0	63368	PASS
177	176	5	9	6.0	3772	PASS

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GK\11GK003.D
Acq On : 16 Jul 2007 12:02
Sample : BA00966-CCV3
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 16 16:48 2007

Vial: 3
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00
Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGF

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.79	168	1091013	50.00	ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	9.44	114	1717488	50.00	ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.00	117	1400998	50.00	ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.10	152	812731	50.00	ug/L	0.00
System Monitoring Compounds						
37) Dibromofluoromethane (surr	8.36	113	710760	44.74	ug/L	0.00
Spiked Amount 50.000 Range 71 - 136 Recovery = 89.48%						
44) d4-1,2-Dichloroethane(surr	8.98	65	988579	47.49	µg/L	0.00
Spiked Amount 50.000 Range 70 - 130 Recovery = 94.98%						
58) D8-Toluene (surr)	11.03	98	1760023	44.89	ug/L	0.00
Spiked Amount 50.000 Range 75 - 126 Recovery = 89.78%						
79) Bromofluorobenzene (surr)	14.64	95	830706	50.75	ug/L	0.00
Spiked Amount 50.000 Range 76 - 120 Recovery = 101.50%						

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.90	85	1334469	50.51	ug/L	97
3) Chloromethane	4.24	50	845577m	25.54	ug/L	
4) Vinyl Chloride	4.37	62	893933m	39.83	ug/L	
5) Bromomethane	4.85	94	654117	46.23	ug/L	97
6) Chloroethane	5.03	64	498991	40.77	ug/L	97
7) Trichlorofluoromethane	5.21	101	1477720	49.73	ug/L	99
8) Diethyl ether	5.55	59	579105	32.84	µg/L #	100
9) Ethanol	5.66	45	154397	748.24	ug/L	91
10) 1,2-Dichloro-1,1,2-triflur	6.75	117	321	No Calib	#	
11) acrolein	6.23	56	184087	186.61	ug/L	97
12) 1,1,2Trichloro-1,2,2triflu	5.86	151	542387	44.99	ug/L	87
13) 1,1-Dichloroethene	5.85	96	581864m	37.78	ug/L	
14) Acetone	6.54	43	1301386	185.37	ug/L	89
15) Iodomethane	6.07	142	4312856	237.18	ug/L #	75
16) Carbon disulfide	5.96	76	8232113	192.07	ug/L	97
17) Methyl acetate	6.64	43	872268m	33.31	µg/L	
18) Acetonitrile	7.09	41	1345384	342.14	ug/L	73
19) 3-chloropropene	6.38	41	967802	28.15	ug/L #	77
20) Methylene Chloride	6.50	84	786143	44.66	ug/L	87
21) Acrylonitrile	7.40	53	779828	160.14	ug/L	94
22) Methyl tert-butyl ether	6.74	73	2186265	40.01	ug/L	99
23) t-1,2-Dichloroethene	6.68	96	653773m	40.19	ug/L	
24) 1,1-Dichloroethane	7.34	63	1274975m	37.17	ug/L	
25) Vinyl Acetate	7.52	43	9447599	199.30	ug/L	99
26) Isopropyl ether	7.10	45	2560840m	37.92	ug/L	
27) Chloroprene	7.31	88	564858	42.69	ug/L	96
28) 2-Butanone	8.49	72	365205	199.19	ug/L #	47
29) c-1,2-Dichloroethene	7.91	96	637163	41.84	ug/L	91
30) 2,2-Dichloropropane	8.04	77	1136572	48.14	ug/L	98
31) Cyclohexane	8.16	84	802254	44.56	µg/L #	100
32) Propionitrile	8.86	54	1039418	345.90	ug/L #	1
33) Methacrylonitrile	8.87	41	6302497	377.83	ug/L	80
34) Bromochloromethane	8.13	128	329339	51.08	ug/L	98
35) Chloroform	8.15	83	1410313	42.70	ug/L	100
36) Dibromofluoromethane	8.36	113	710760	44.74	ug/L	90
38) 1,1,1-Trichloroethane	8.45	97	1217172	47.17	ug/L	88
39) 1,1-Dichloropropene	8.56	75	955457	44.86	ug/L	93
40) Isobutyl alcohol	6.64	43	816395	639.56	ug/L #	53

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GK\11GK003.D
Acq On : 16 Jul 2007 12:02
Sample : BA00966-CCV3
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 16 16:48 2007

Vial: 3
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGF

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
42)	Carbon Tetrachloride	8.37	117	1106109	58.98 ug/L		99
43)	d4-1,2-Dichloroethane	8.98	65	988579	47.49 µg/L	#	91
45)	1,2-Dichloroethane	9.06	62	1312921	47.71 ug/L	#	12
46)	Benzene	8.84	78	2417117	47.60 ug/L		97
47)	Methyl cyclohexane	9.46	83	986453	47.32 µg/L	#	100
48)	Trichloroethene	9.44	130	666908	53.10 ug/L		94
49)	1,2-Dichloropropane	10.06	63	582320	41.49 ug/L		92
50)	Methyl methacrylate	10.16	69	475009	44.79 ug/L		87
51)	1,4-Dioxane	10.30	88	117556	878.90 ug/L		93
52)	Dibromomethane	9.95	93	561711	47.64 ug/L	#	88
53)	Bromodichloromethane	10.07	83	1246475	50.07 ug/L		98
54)	2-Chloroethyl vinyl ether	10.66	63	1802736	311.66 ug/L		92
55)	C-1,3-Dichloropropene	10.80	75	1172721	49.74 ug/L		92
56)	4-Methyl-2-pentanone	11.50	100	508241	240.93 ug/L	#	27
57)	D8-Toluene	11.03	98	1760023	44.89 ug/L		97
60)	Toluene	11.10	92	1433757	50.32 ug/L		97
61)	T-1,3-Dichloropropene	11.56	75	1211980	58.49 ug/L		99
62)	Ethyl methacrylate	11.65	69	984737	52.88 ug/L		92
63)	1,1,2-Trichloroethane	11.78	97	642116	54.95 ug/L		93
64)	1,3-Dichloropropane	12.15	76	1137231	52.79 ug/L		99
65)	Tetrachloroethene	11.59	164	578928	43.31 ug/L		96
66)	2-Hexanone	12.53	43	3003599	240.46 ug/L		88
67)	Dibromochloromethane	12.03	129	968865m	62.51 ug/L		
68)	1,2-Dibromoethane	12.40	107	718814	53.79 ug/L		98
69)	Chlorobenzene	13.03	112	1605675	51.74 ug/L		97
70)	1,1,1,2-Tetrachloroethane	13.08	131	717550	58.22 ug/L		100
71)	Ethylbenzene	13.01	106	772287	51.48 ug/L	#	71
72)	m-xylene & p-xylene	13.19	106	1968938	107.04 ug/L		81
73)	O-Xylene	13.78	106	921047	56.62 ug/L		82
74)	Styrene	13.85	104	1728703	52.36 ug/L		92
75)	Bromoform	13.94	173	688624	62.79 ug/L		98
76)	Isopropylbenzene	14.19	105	2327813	56.49 ug/L		95
77)	C-1,4-Dichloro-2-butene	14.68	53	303308	46.93 ug/L		87
78)	Bromofluorobenzene	14.64	95	830706	50.75 ug/L	#	87
80)	1,1,2,2-Tetrachloroethane	14.84	83	889161	46.31 ug/L		98
81)	Bromobenzene	14.82	156	797181	57.84 ug/L		99
82)	1,2,3-Trichloropropane	15.11	75	1186198	49.43 ug/L	#	47
83)	T-1,4-Dichloro-2-Butene	15.12	53	308072	50.32 ug/L	#	97
84)	n-Propylbenzene	14.76	91	3335988	55.49 ug/L		91
86)	2-Chlorotoluene	15.05	91	2449819	50.69 ug/L		94
87)	1,3,5-Trimethylbenzene	15.02	105	2300838	53.28 ug/L		95
88)	4-Chlorotoluene	15.28	91	2196408	51.16 ug/L		95
89)	tert-Butylbenzene	15.48	119	1799096	53.60 ug/L		90
90)	Pentachloroethane	15.54	167	559902	144.12 ug/L		88
91)	1,2,4-Trimethylbenzene	15.56	105	2424946	54.06 ug/L		98
92)	s-Butylbenzene	15.70	105	2902618	54.50 ug/L		93
93)	1,3-Dichlorobenzene	16.02	146	1425284	54.96 ug/L		96
94)	p-Isopropyltoluene	15.86	119	2366871	57.31 ug/L		94
95)	1,4-Dichlorobenzene	16.12	146	1461803	52.43 ug/L		96
96)	n-Butylbenzene	16.36	91	2481441	52.61 ug/L		96
97)	1,2-Dichlorobenzene	16.63	146	1381766	52.95 ug/L		97
98)	DBCP	17.62	157	187332	50.28 ug/L	#	79
99)	1,2,4-Trichlorobenzene	18.49	180	908435	57.01 ug/L		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GK\11GK003.D
Acq On : 16 Jul 2007 12:02
Sample : BA00966-CCV3
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 16 16:48 2007

Vial: 3
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGF

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
100)	Hexachlorobutadiene	18.41	225	449844	69.66 ug/L	98
101)	Naphthalene	18.98	128	2031921	50.68 ug/L	98
102)	1,2,3-Trichlorobenzene	19.24	180	851879	57.77 ug/L	97

(#) = qualifier out of range (m) = manual integration

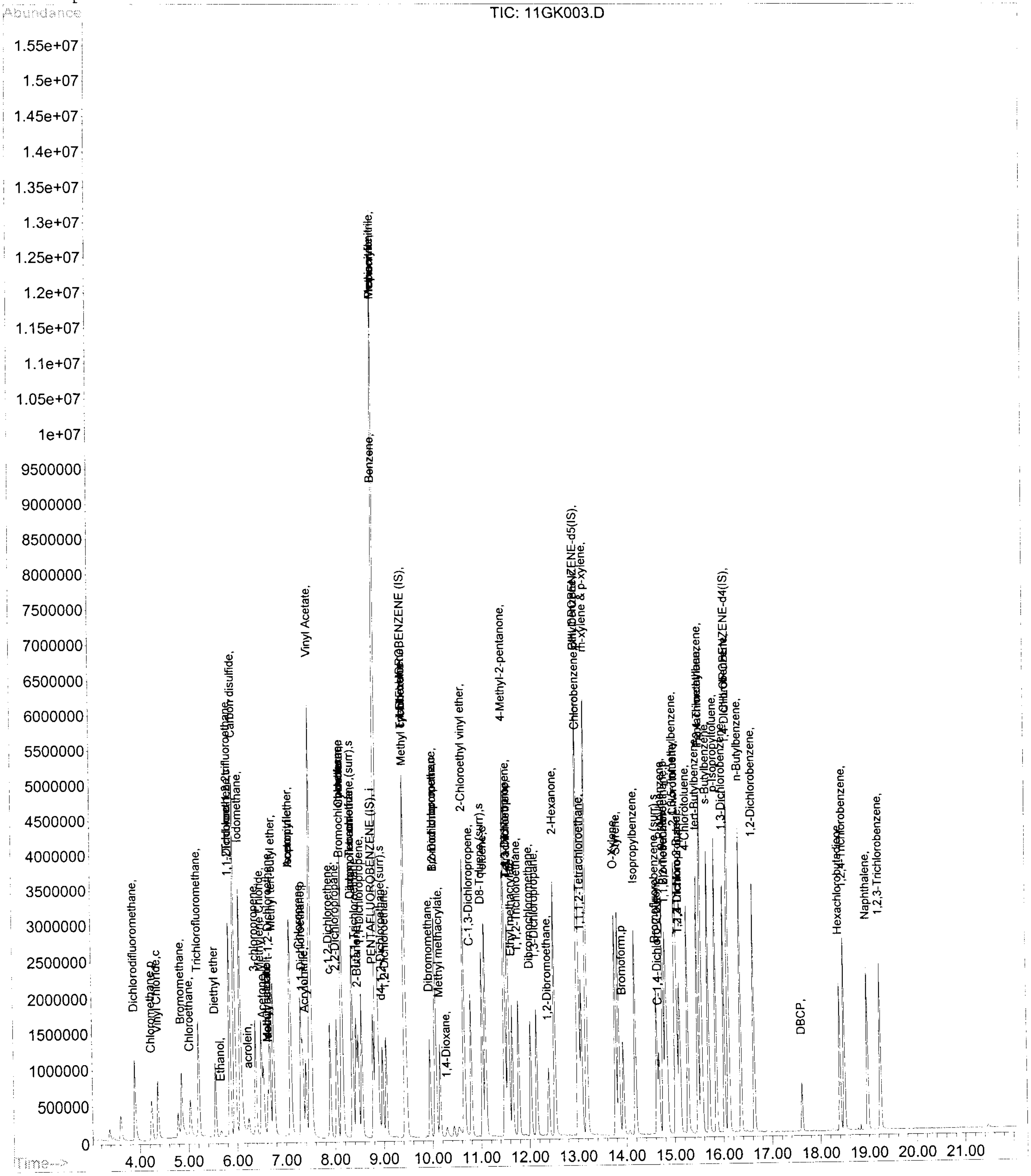
Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GK\11GK003.D
Acq On : 16 Jul 2007 12:02
Sample : BA00966-CCV3
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 16 16:48 2007

Vial: 3
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration



8260 QC Data

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF024.D
Acq On : 12 Jul 2007 3:29
Sample : 7G12008-BLK1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:36 2007

Vial: 24
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.79	168	681888	50.00	ug/L	-0.01
41) 1,4-DIFLUOROBENZENE (IS)	9.44	114	1091826	50.00	ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.01	117	928405	50.00	ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.10	152	447511	50.00	ug/L	0.00

System Monitoring Compounds						
37) Dibromofluoromethane (surr	8.37	113	537746	54.16	ug/L	0.00
Spiked Amount 50.000	Range 71 - 136		Recovery = 108.32%			
44) d4-1,2-Dichloroethane(surr	8.99	65	721082	54.49	µg/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 108.98%			
58) D8-Toluene (surr)	11.04	98	1234831	49.54	ug/L	0.00
Spiked Amount 50.000	Range 75 - 126		Recovery = 99.08%			
79) Bromofluorobenzene (surr)	14.64	95	534908	49.31	ug/L	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 98.62%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.90	85	1446	0.09	ug/L	85
3) Chloromethane	4.24	50	9091	Below Cal		98
4) Vinyl Chloride	4.37	62	1915	0.14	ug/L #	39
5) Bromomethane	0.00	94	0	N.D. d		
6) Chloroethane	4.92	64	1453	Below Cal		89
7) Trichlorofluoromethane	5.21	101	306	0.02	ug/L #	26
8) Diethyl ether	5.55	59	322	0.03	µg/L #	100
9) Ethanol	0.00	45	0	N.D. d		
10) 1,2-Dichloro-1,1,2-triflur	6.76	117	279	No Calib		
11) acrolein	0.00	56	0	N.D. d		
12) 1,1,2Trichloro-1,2,2triflu	5.87	151	874	0.12	ug/L #	74
13) 1,1-Dichloroethene	5.89	96	866	0.09	ug/L #	19
14) Acetone	6.55	43	21025	Below Cal		94
15) Iodomethane	6.08	142	20359	Below Cal		81
16) Carbon disulfide	5.96	76	58683	2.19	ug/L	99
17) Methyl acetate	0.00	43	0	N.D. d		
18) Acetonitrile	7.14	41	7301	Below Cal	#	66
19) 3-chloropropene	6.39	41	2825	0.13	ug/L #	80
20) Methylene Chloride	6.51	84	14014	Below Cal		84
21) Acrylonitrile	7.58	53	538	0.18	ug/L	94
22) Methyl tert-butyl ether	6.75	73	1274	0.04	ug/L	62
23) t-1,2-Dichloroethene	0.00	96	0	N.D. d		
24) 1,1-Dichloroethane	7.25	63	1012	0.05	ug/L	66
25) Vinyl Acetate	7.53	43	1547	0.05	ug/L	89
26) Isopropyl ether	7.06	45	658	0.02	ug/L #	87
27) Chloroprene	7.31	88	713	0.09	ug/L	93
28) 2-Butanone	0.00	72	0	N.D. d		
29) c-1,2-Dichloroethene	7.92	96	1395	0.15	ug/L #	71
30) 2,2-Dichloropropane	8.03	77	1223	0.08	ug/L	98
31) Cyclohexane	8.16	84	644	0.06	µg/L #	100
32) Propionitrile	0.00	54	0	N.D. d		
33) Methacrylonitrile	0.00	41	0	N.D. d		
34) Bromochloromethane	8.13	128	628	0.16	ug/L #	14
35) Chloroform	8.15	83	983	0.05	ug/L	93
36) Dibromofluoromethane	8.37	113	537746	54.16	ug/L	85
38) 1,1,1-Trichloroethane	8.45	97	341	0.02	ug/L #	79
39) 1,1-Dichloropropene	8.55	75	1916	0.14	ug/L	85
40) Isobutyl alcohol	0.00	43	0	N.D. d		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF024.D
Acq On : 12 Jul 2007 3:29
Sample : 7G12008-BLK1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:36 2007

Vial: 24
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
42) Carbon Tetrachloride	8.37	117	730	0.06 ug/L #	1
43) d4-1,2-Dichloroethane	8.99	65	721082	54.49 µg/L #	84
45) 1,2-Dichloroethane	9.06	62	572	0.03 ug/L #	1
46) Benzene	8.84	78	3596	0.11 ug/L	85
47) Methyl cyclohexane	0.00	83	0	N.D. d	
48) Trichloroethene	9.45	130	930	0.12 ug/L #	54
49) 1,2-Dichloropropane	10.06	63	315	0.04 ug/L #	30
50) Methyl methacrylate	10.19	69	425	0.06 ug/L #	44
51) 1,4-Dioxane	0.00	88	0	N.D. d	
52) Dibromomethane	9.95	93	736	0.10 ug/L #	37
53) Bromodichloromethane	10.21	83	131	0.01 ug/L	91
54) 2-Chloroethyl vinyl ether	0.00	63	0	N.D. d	
55) C-1,3-Dichloropropene	10.81	75	1065	0.07 ug/L #	39
56) 4-Methyl-2-pentanone	0.00	100	0	N.D. d	
57) D8-Toluene	11.04	98	1234831	49.54 ug/L	99
60) Toluene	11.10	92	9016	0.48 ug/L	94
61) T-1,3-Dichloropropene	11.57	75	784	0.06 ug/L #	42
62) Ethyl methacrylate	11.64	69	462	0.04 ug/L #	20
63) 1,1,2-Trichloroethane	11.80	97	237	0.03 ug/L #	59
64) 1,3-Dichloropropane	12.15	76	161	0.01 ug/L #	1
65) Tetrachloroethene	0.00	164	0	N.D. d	
66) 2-Hexanone	12.54	43	963	0.12 ug/L	75
67) Dibromochloromethane	12.06	129	205	0.02 ug/L #	43
68) 1,2-Dibromoethane	12.40	107	390	0.04 ug/L #	37
69) Chlorobenzene	13.04	112	1614	0.08 ug/L	83
70) 1,1,1,2-Tetrachloroethane	13.08	131	208	0.03 ug/L	90
71) Ethylbenzene	13.01	106	749	0.08 ug/L #	1
72) m-xylene & p-xylene	13.12	106	194	0.02 ug/L	73
73) O-Xylene	13.88	106	91	0.01 ug/L	91
74) Styrene	13.86	104	1074	Below Cal #	82
75) Bromoform	13.95	173	321	0.04 ug/L #	61
76) Isopropylbenzene	14.19	105	1140	0.04 ug/L	72
77) C-1,4-Dichloro-2-butene	14.68	53	315	0.07 ug/L #	1
78) Bromofluorobenzene	14.64	95	534908	49.31 ug/L	84
80) 1,1,2,2-Tetrachloroethane	14.95	83	194	0.02 ug/L	88
81) Bromobenzene	14.91	156	49	0.01 ug/L	85
82) 1,2,3-Trichloropropane	15.12	75	554	0.03 ug/L #	50
83) T-1,4-Dichloro-2-Butene	15.09	53	242	0.06 ug/L #	1
84) n-Propylbenzene	14.78	91	3450	0.09 ug/L	93
86) 2-Chlorotoluene	15.04	91	1573	0.06 ug/L	91
87) 1,3,5-Trimethylbenzene	15.02	105	1426	0.06 ug/L	81
88) 4-Chlorotoluene	15.29	91	1955	0.08 ug/L	81
89) tert-Butylbenzene	15.48	119	1272	0.07 ug/L	86
90) Pentachloroethane	15.64	167	91	Below Cal	94
91) 1,2,4-Trimethylbenzene	15.57	105	1560	0.06 ug/L	100
92) s-Butylbenzene	15.71	105	2918	0.10 ug/L	90
93) 1,3-Dichlorobenzene	16.02	146	1596	0.11 ug/L	86
94) p-Isopropyltoluene	15.87	119	2008	0.09 ug/L #	77
95) 1,4-Dichlorobenzene	16.02	146	1597	0.10 ug/L	90
96) n-Butylbenzene	16.37	91	4684	0.18 ug/L	94
97) 1,2-Dichlorobenzene	16.64	146	992	0.07 ug/L #	63
98) DBCP	17.71	157	43	0.02 ug/L	93
99) 1,2,4-Trichlorobenzene	18.49	180	3155	0.36 ug/L	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF024.D
Acq On : 12 Jul 2007 3:29
Sample : 7G12008-BLK1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:36 2007

Vial: 24
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
100) Hexachlorobutadiene	18.41	225	2117	0.60 ug/L	93
101) Naphthalene	18.98	128	6773	0.31 ug/L	95
102) 1,2,3-Trichlorobenzene	19.24	180	3165	0.39 ug/L	89

(#) = qualifier out of range (m) = manual integration

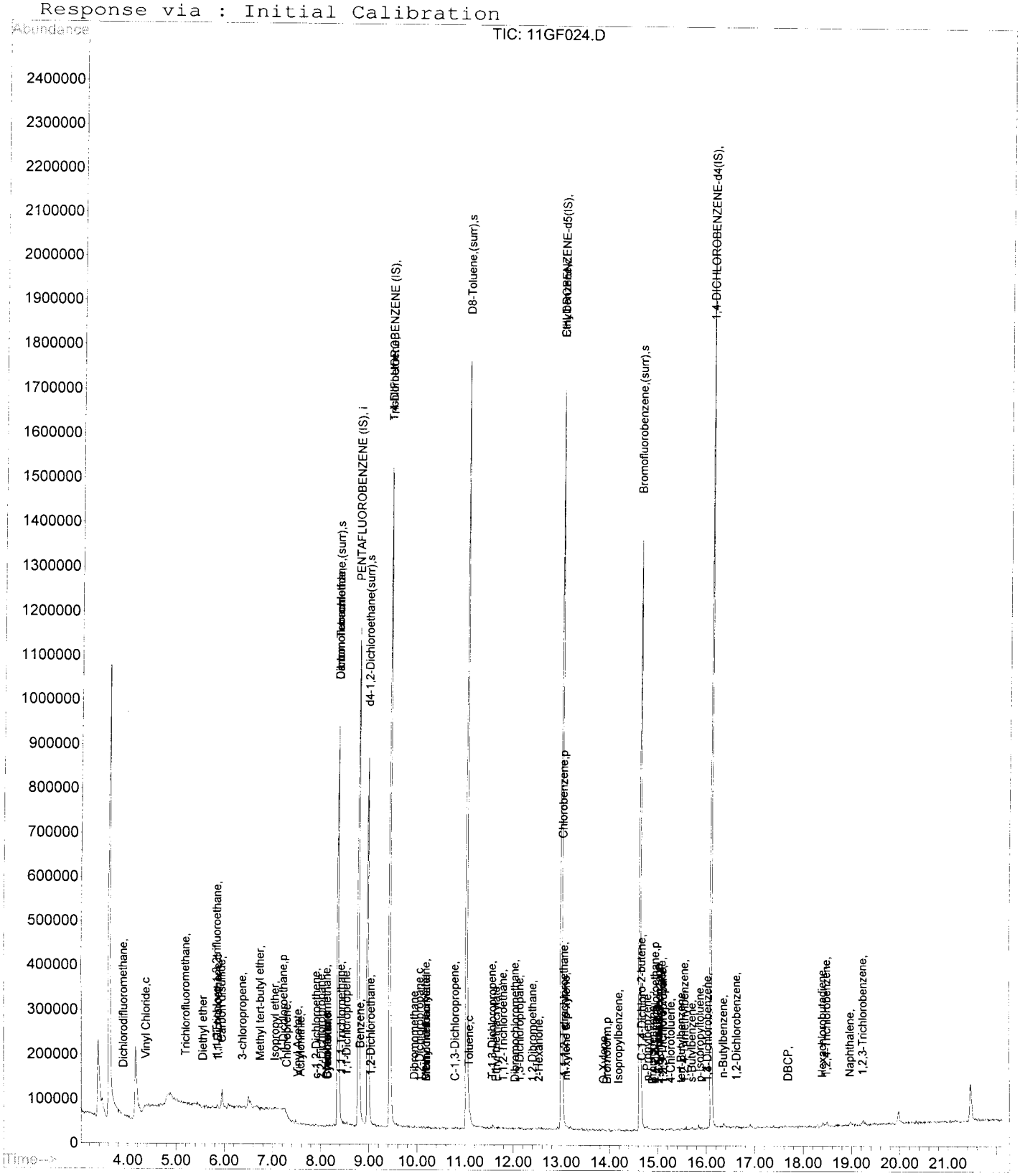
Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GF\11GF024.D
Acq On : 12 Jul 2007 3:29
Sample : 7G12008-BLK1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:36 2007

Vial: 24
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF025.D
Acq On : 12 Jul 2007 4:01
Sample : 7G12008-BS1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:34 2007

Vial: 25
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.80	168	650959	50.00	ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	9.45	114	1058393	50.00	ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.01	117	944695	50.00	ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.11	152	574703	50.00	ug/L	0.00
System Monitoring Compounds						
37) Dibromofluoromethane (surr	8.36	113	526794	55.58	ug/L	0.00
Spiked Amount 50.000 Range 71 - 136 Recovery = 111.16%						
44) d4-1,2-Dichloroethane(surr	8.98	65	730473	56.94	µg/L	0.00
Spiked Amount 50.000 Range 70 - 130 Recovery = 113.88%						
58) D8-Toluene (surr)	11.04	98	1174542	48.61	ug/L	0.00
Spiked Amount 50.000 Range 75 - 126 Recovery = 97.22%						
79) Bromofluorobenzene (surr)	14.64	95	591436	53.59	ug/L	0.00
Spiked Amount 50.000 Range 76 - 120 Recovery = 107.18%						

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.91	85	236714	15.02	ug/L	97
3) Chloromethane	4.25	50	243036	10.50	ug/L	97
4) Vinyl Chloride	4.38	62	225457	16.84	ug/L	96
5) Bromomethane	4.88	94	97467	12.30	ug/L	93
6) Chloroethane	5.05	64	143822	17.22	ug/L	98
7) Trichlorofluoromethane	5.22	101	442522	24.96	ug/L	98
8) Diethyl ether	5.56	59	166335	15.81	µg/L #	100
9) Ethanol	5.67	45	6215	70.80	ug/L	91
10) 1,2-Dichloro-1,1,2-triflur	6.80	117	70	No Calib	#	
11) acrolein	6.25	56	62591	106.34	ug/L	96
12) 1,1,2Trichloro-1,2,2triflu	5.86	151	136796	19.02	ug/L #	75
13) 1,1-Dichloroethene	5.86	96	162603	17.69	ug/L #	66
14) Acetone	6.55	43	248339	54.13	ug/L	90
15) Iodomethane	6.08	142	253825	21.50	ug/L #	72
16) Carbon disulfide	5.96	76	569885	22.28	ug/L	97
17) Methyl acetate	6.64	43	131846	8.44	µg/L #	100
18) Acetonitrile	7.10	41	158354	58.90	ug/L #	53
19) 3-chloropropene	6.38	41	330901	16.13	ug/L #	88
20) Methylene Chloride	6.50	84	194950	16.37	ug/L #	71
21) Acrylonitrile	7.42	53	77376	26.63	ug/L	98
22) Methyl tert-butyl ether	6.75	73	566192	17.37	ug/L	96
23) t-1,2-Dichloroethene	6.68	96	173195	17.84	ug/L #	81
24) 1,1-Dichloroethane	7.35	63	402385	19.66	ug/L	95
25) Vinyl Acetate	7.53	43	245955	8.70	ug/L	90
26) Isopropyl ether	7.10	45	673765	16.72	ug/L #	77
27) Chloroprene	7.32	88	129456	16.40	ug/L	97
28) 2-Butanone	8.49	72	44967	41.10	ug/L #	21
29) c-1,2-Dichloroethene	7.91	96	140550	15.47	ug/L #	82
30) 2,2-Dichloropropane	8.05	77	209522	14.87	ug/L	96
31) Cyclohexane	8.17	84	182464	16.98	µg/L #	100
32) Propionitrile	8.86	54	32158	17.94	ug/L #	1
33) Methacrylonitrile	8.87	41	228577	22.97	ug/L #	59
34) Bromochloromethane	8.14	128	75016	19.50	ug/L	98
35) Chloroform	8.16	83	353268	17.93	ug/L	99
36) Dibromofluoromethane	8.36	113	526794	55.58	ug/L	85
38) 1,1,1-Trichloroethane	8.45	97	302475	19.65	ug/L	87
39) 1,1-Dichloropropene	8.56	75	214680	16.89	ug/L	89
40) Isobutyl alcohol	6.64	43	129378	168.75	ug/L #	52

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF025.D
Acq On : 12 Jul 2007 4:01
Sample : 7G12008-BS1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:34 2007

Vial: 25
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
42) Carbon Tetrachloride	8.37	117	243113	21.03 ug/L	97
43) d4-1,2-Dichloroethane	8.98	65	730473	56.94 µg/L #	86
45) 1,2-Dichloroethane	9.06	62	319044	18.81 ug/L #	12
46) Benzene	8.85	78	533830	17.06 ug/L	98
47) Methyl cyclohexane	9.47	83	204490	14.81 µg/L #	100
48) Trichloroethene	9.45	130	146468	18.93 ug/L	93
49) 1,2-Dichloropropane	10.07	63	147013	17.00 ug/L	99
50) Methyl methacrylate	10.16	69	103183	15.79 ug/L	81
51) 1,4-Dioxane	10.30	88	1112	13.49 ug/L #	1
52) Dibromomethane	9.96	93	121589	16.74 ug/L #	80
53) Bromodichloromethane	10.08	83	264764	17.26 ug/L	97
54) 2-Chloroethyl vinyl ether	10.67	63	27237	42.43 ug/L	91
55) C-1,3-Dichloropropene	10.80	75	227497	15.66 ug/L	86
56) 4-Methyl-2-pentanone	11.50	100	48370	37.21 ug/L #	1
57) D8-Toluene	11.04	98	1174542	48.61 ug/L	98
60) Toluene	11.11	92	304514	15.85 ug/L	95
61) T-1,3-Dichloropropene	11.56	75	252229	18.05 ug/L	99
62) Ethyl methacrylate	11.66	69	191558	15.25 ug/L	85
63) 1,1,2-Trichloroethane	11.79	97	126965	16.11 ug/L	88
64) 1,3-Dichloropropane	12.15	76	233704	16.09 ug/L	99
65) Tetrachloroethene	11.59	164	194333	21.67 ug/L	98
66) 2-Hexanone	12.54	43	338269	40.16 ug/L	82
67) Dibromochloromethane	12.03	129	181606	17.38 ug/L	98
68) 1,2-Dibromoethane	12.41	107	149686	16.61 ug/L	97
69) Chlorobenzene	13.04	112	351311	16.79 ug/L	98
70) 1,1,1,2-Tetrachloroethane	13.09	131	146515	17.63 ug/L	99
71) Ethylbenzene	13.01	106	160171	15.83 ug/L #	63
72) m-xylene & p-xylene	13.19	106	413704	33.36 ug/L	78
73) O-Xylene	13.79	106	185044	16.87 ug/L	74
74) Styrene	13.85	104	372295	14.77 ug/L	90
75) Bromoform	13.94	173	132978	17.98 ug/L	98
76) Isopropylbenzene	14.20	105	526984	18.97 ug/L	94
77) C-1,4-Dichloro-2-butene	14.68	53	69146	15.87 ug/L #	1
78) Bromofluorobenzene	14.64	95	591436	53.59 ug/L	85
80) 1,1,2,2-Tetrachloroethane	14.85	83	198061	15.30 ug/L	98
81) Bromobenzene	14.83	156	155907	16.78 ug/L	97
82) 1,2,3-Trichloropropane	15.10	75	291892	18.04 ug/L #	47
83) T-1,4-Dichloro-2-Butene	15.12	53	69207	16.77 ug/L #	93
84) n-Propylbenzene	14.78	91	751196	18.53 ug/L	87
86) 2-Chlorotoluene	15.05	91	551339	16.13 ug/L	92
87) 1,3,5-Trimethylbenzene	15.03	105	475621	15.57 ug/L	95
88) 4-Chlorotoluene	15.28	91	484593	15.96 ug/L	93
89) tert-Butylbenzene	15.49	119	384145	16.18 ug/L	89
90) Pentachloroethane	15.60	167	292	Below Cal	92
91) 1,2,4-Trimethylbenzene	15.57	105	519027	16.36 ug/L	96
92) s-Butylbenzene	15.70	105	635389	16.87 ug/L	92
93) 1,3-Dichlorobenzene	16.03	146	305169	16.64 ug/L	97
94) p-Isopropyltoluene	15.86	119	490578	16.80 ug/L	94
95) 1,4-Dichlorobenzene	16.13	146	326758	16.57 ug/L	97
96) n-Butylbenzene	16.36	91	522607	15.67 ug/L	92
97) 1,2-Dichlorobenzene	16.64	146	301512	16.34 ug/L	97
98) DBCP	17.62	157	43493	16.51 ug/L #	73
99) 1,2,4-Trichlorobenzene	18.50	180	171405	15.21 ug/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF025.D
Acq On : 12 Jul 2007 4:01
Sample : 7G12008-BS1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:34 2007

Vial: 25
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

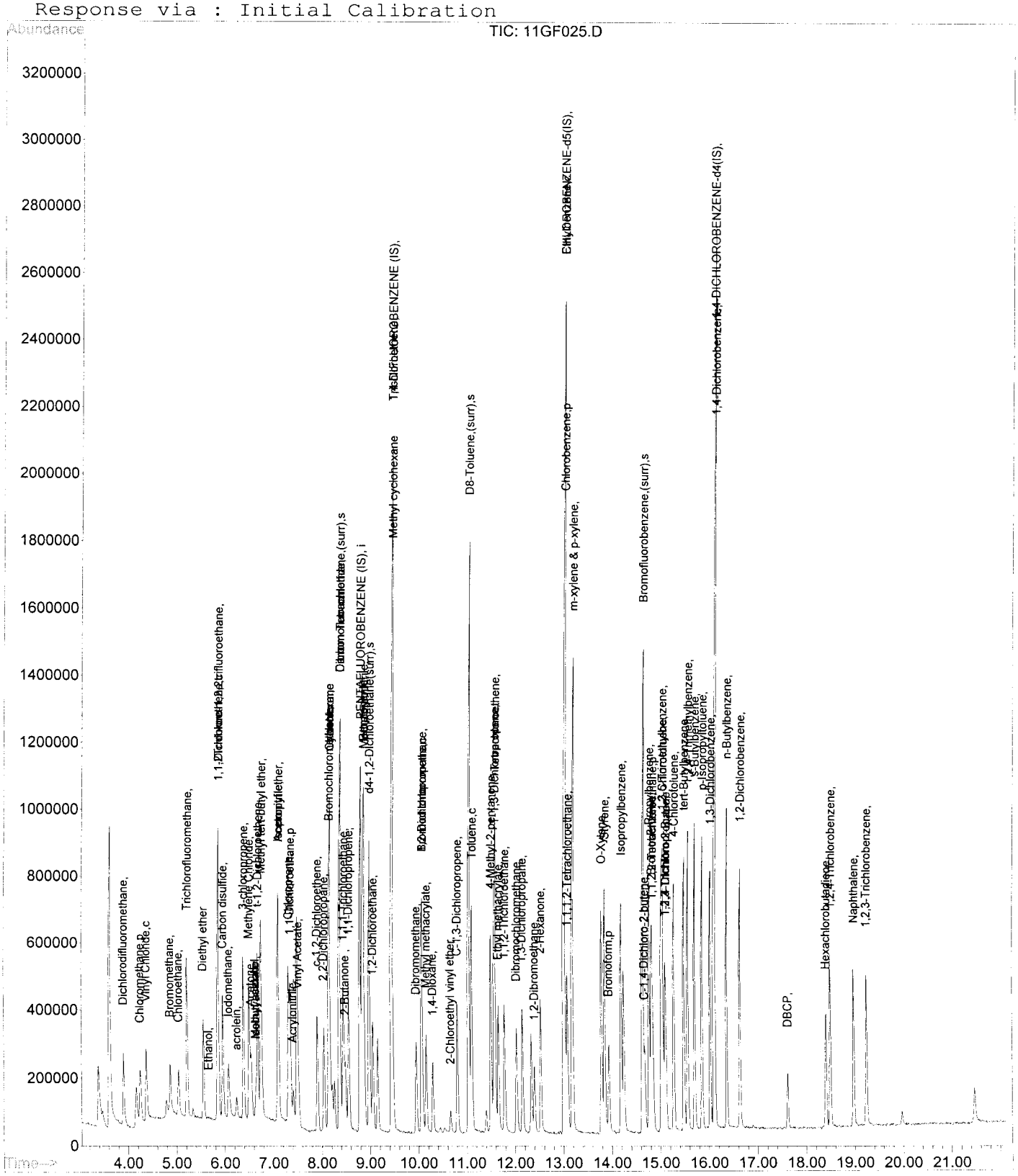
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
100) Hexachlorobutadiene	18.41	225	67652	14.82 ug/L	98
101) Naphthalene	18.98	128	421490	14.87 ug/L	99
102) 1,2,3-Trichlorobenzene	19.25	180	160011	15.35 ug/L	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GF\11GF025.D Vial: 25
Acq On : 12 Jul 2007 4:01 Operator: ds
Sample : 7G12008-BS1 Inst : JVGCMS2
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:34 2007 Quant Results File: 82607WGF.RES

Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF026.D
Acq On : 12 Jul 2007 4:33
Sample : 7G12008-MS1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:34 2007

Vial: 26
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.80	168	646994	50.00	ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	9.45	114	1069965	50.00	ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.01	117	967056	50.00	ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.11	152	597988	50.00	ug/L	0.00

System Monitoring Compounds

37) Dibromofluoromethane (surr	8.36	113	512851	54.44	ug/L	0.00
Spiked Amount 50.000	Range 71 - 136		Recovery = 108.88%			
44) d4-1,2-Dichloroethane(surr	8.98	65	712139	54.91	µg/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.82%			
58) D8-Toluene (surr)	11.04	98	1207662	49.44	ug/L	0.00
Spiked Amount 50.000	Range 75 - 126		Recovery = 98.88%			
79) Bromofluorobenzene (surr)	14.64	95	623154	55.15	ug/L	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 110.30%			

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.90	85	307038	19.60	ug/L	97
3) Chloromethane	4.25	50	342838	16.36	ug/L	100
4) Vinyl Chloride	4.38	62	309050	23.22	ug/L	92
5) Bromomethane	4.87	94	147714	18.23	ug/L	96
6) Chloroethane	5.05	64	190493	24.54	ug/L	99
7) Trichlorofluoromethane	5.22	101	533717	30.29	ug/L	98
8) Diethyl ether	5.56	59	218507	20.90	µg/L #	100
9) Ethanol	5.67	45	11248	111.03	ug/L	95
10) 1,2-Dichloro-1,1,2-triflur	6.76	117	279	No Calib	#	
11) acrolein	6.25	56	87319	149.27	ug/L	99
12) 1,1,2Trichloro-1,2,2triflu	5.86	151	158911	22.23	ug/L #	71
13) 1,1-Dichloroethene	5.86	96	204799	22.42	ug/L #	70
14) Acetone	6.55	43	274588	61.07	ug/L	94
15) Iodomethane	6.08	142	362837	31.85	ug/L #	73
16) Carbon disulfide	5.96	76	727086	28.61	ug/L	96
17) Methyl acetate	6.64	43	150754	9.71	µg/L #	100
18) Acetonitrile	7.10	41	191600	74.03	ug/L #	45
19) 3-chloropropene	6.38	41	409283	20.07	ug/L #	87
20) Methylene Chloride	6.50	84	237644	20.93	ug/L #	71
21) Acrylonitrile	7.42	53	97652	33.81	ug/L	99
22) Methyl tert-butyl ether	6.75	73	733175	22.62	ug/L	97
23) t-1,2-Dichloroethene	6.68	96	214361	22.22	ug/L #	80
24) 1,1-Dichloroethane	7.35	63	490324	24.10	ug/L	95
25) Vinyl Acetate	7.53	43	493606	17.56	ug/L	91
26) Isopropyl ether	7.10	45	839852	20.97	ug/L #	79
27) Chloroprene	7.32	88	158329	20.18	ug/L	99
28) 2-Butanone	8.49	72	55790	51.31	ug/L #	20
29) c-1,2-Dichloroethene	7.91	96	175068	19.39	ug/L #	84
30) 2,2-Dichloropropane	8.05	77	263394	18.81	ug/L	95
31) Cyclohexane	8.17	84	228084	21.36	µg/L #	100
32) Propionitrile	8.86	54	37530	21.06	ug/L #	1
33) Methacrylonitrile	8.87	41	292277	29.55	ug/L #	58
34) Bromochloromethane	8.15	128	94373	24.68	ug/L	99
35) Chloroform	8.16	83	441291	22.53	ug/L	98
36) Dibromofluoromethane	8.36	113	512851	54.44	ug/L	86
38) 1,1,1-Trichloroethane	8.45	97	368620	24.09	ug/L	88
39) 1,1-Dichloropropene	8.56	75	271469	21.49	ug/L	90
40) Isobutyl alcohol	6.64	43	149443	196.36	ug/L #	51

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF026.D
Acq On : 12 Jul 2007 4:33
Sample : 7G12008-MS1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:34 2007

Vial: 26
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
42) Carbon Tetrachloride	8.37	117	308293	26.39 ug/L	98
43) d4-1,2-Dichloroethane	8.98	65	712139	54.91 µg/L #	85
45) 1,2-Dichloroethane	9.06	62	401123	23.40 ug/L #	12
46) Benzene	8.84	78	684152	21.63 ug/L	98
47) Methyl cyclohexane	9.46	83	251768	18.40 µg/L #	100
48) Trichloroethene	9.45	130	165918	21.21 ug/L	94
49) 1,2-Dichloropropane	10.07	63	187176	21.41 ug/L	99
50) Methyl methacrylate	10.16	69	142076	21.51 ug/L	81
51) 1,4-Dioxane	10.30	88	2249	26.99 ug/L #	1
52) Dibromomethane	9.96	93	154187	20.99 ug/L #	80
53) Bromodichloromethane	10.08	83	330811	21.33 ug/L	99
54) 2-Chloroethyl vinyl ether	10.69	63	223	35.71 ug/L #	1
55) C-1,3-Dichloropropene	10.80	75	291126	19.82 ug/L	88
56) 4-Methyl-2-pentanone	11.50	100	64462	49.05 ug/L #	1
57) D8-Toluene	11.04	98	1207662	49.44 ug/L	98
60) Toluene	11.11	92	389083	19.78 ug/L	93
61) T-1,3-Dichloropropene	11.56	75	324729	22.71 ug/L	97
62) Ethyl methacrylate	11.66	69	266173	20.71 ug/L	83
63) 1,1,2-Trichloroethane	11.79	97	172316	21.36 ug/L	94
64) 1,3-Dichloropropane	12.15	76	308853	20.77 ug/L	98
65) Tetrachloroethene	11.59	164	133441	14.61 ug/L	99
66) 2-Hexanone	12.54	43	490655	56.91 ug/L	81
67) Dibromochloromethane	12.03	129	232939	21.77 ug/L	99
68) 1,2-Dibromoethane	12.41	107	195978	21.25 ug/L	96
69) Chlorobenzene	13.04	112	452932	21.14 ug/L	98
70) 1,1,1,2-Tetrachloroethane	13.09	131	188477	22.15 ug/L	97
71) Ethylbenzene	13.01	106	203833	19.68 ug/L #	62
72) m-xylene & p-xylene	13.19	106	548565	43.21 ug/L	79
73) O-Xylene	13.79	106	253881	22.61 ug/L	77
74) Styrene	13.85	104	476543	19.19 ug/L	91
75) Bromoform	13.94	173	180414	23.83 ug/L	98
76) Isopropylbenzene	14.20	105	720689	25.34 ug/L	94
77) C-1,4-Dichloro-2-butene	14.68	53	94117	21.10 ug/L #	1
78) Bromofluorobenzene	14.64	95	623154	55.15 ug/L	86
80) 1,1,2,2-Tetrachloroethane	14.85	83	309929	23.39 ug/L	99
81) Bromobenzene	14.83	156	215112	22.61 ug/L	99
82) 1,2,3-Trichloropropane	15.10	75	387148	23.37 ug/L #	46
83) T-1,4-Dichloro-2-Butene	15.12	53	94629	22.39 ug/L #	91
84) n-Propylbenzene	14.77	91	976343	23.53 ug/L	89
86) 2-Chlorotoluene	15.05	91	721487	20.29 ug/L	93
87) 1,3,5-Trimethylbenzene	15.03	105	630856	19.85 ug/L	95
88) 4-Chlorotoluene	15.28	91	639605	20.25 ug/L	93
89) tert-Butylbenzene	15.49	119	521868	21.13 ug/L	89
90) Pentachloroethane	15.55	167	150361	50.90 ug/L	93
91) 1,2,4-Trimethylbenzene	15.57	105	677592	20.53 ug/L	97
92) s-Butylbenzene	15.70	105	860489	21.96 ug/L	91
93) 1,3-Dichlorobenzene	16.03	146	393631	20.63 ug/L	99
94) p-Isopropyltoluene	15.86	119	644178	21.20 ug/L	94
95) 1,4-Dichlorobenzene	16.13	146	428812	20.90 ug/L	99
96) n-Butylbenzene	16.36	91	680470	19.61 ug/L	94
97) 1,2-Dichlorobenzene	16.64	146	390097	20.32 ug/L	99
98) DBCP	17.62	157	60397	22.03 ug/L #	73
99) 1,2,4-Trichlorobenzene	18.50	180	232365	19.82 ug/L	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF026.D
Acq On : 12 Jul 2007 4:33
Sample : 7G12008-MS1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:34 2007

Vial: 26
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
100) Hexachlorobutadiene	18.41	225	94198	19.83 ug/L	98
101) Naphthalene	18.98	128	628117	21.29 ug/L	98
102) 1,2,3-Trichlorobenzene	19.24	180	227529	20.97 ug/L	98

(#) = qualifier out of range (m) = manual integration

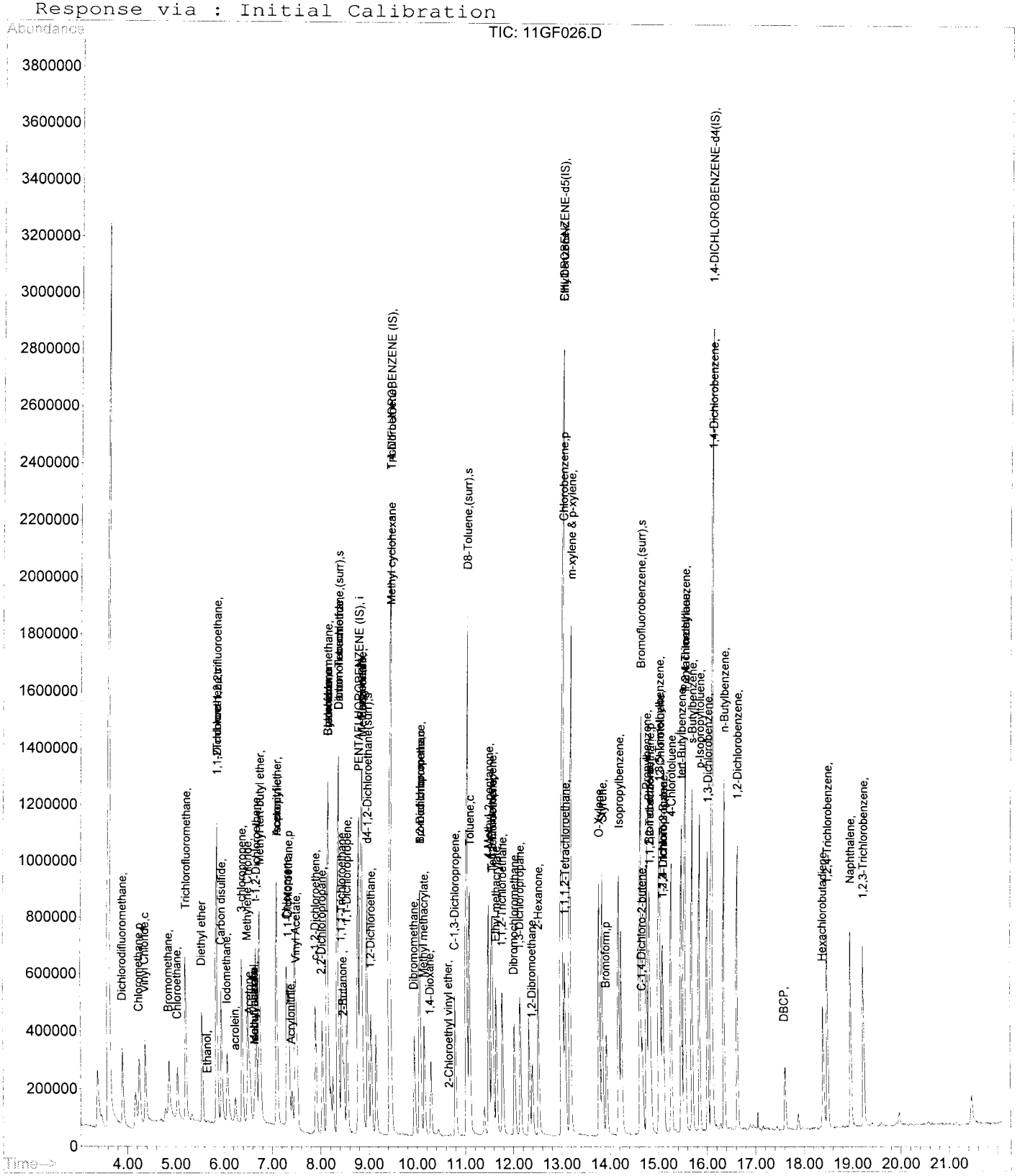
Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GF\11GF026.D
Acq On : 12 Jul 2007 4:33
Sample : 7G12008-MS1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:34 2007

Vial: 26
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF027.D
Acq On : 12 Jul 2007 5:06
Sample : 7G12008-MSD1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:34 2007

Vial: 27
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.80	168	701721	50.00	ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	9.45	114	1152708	50.00	ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.01	117	1001763	50.00	ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.11	152	604855	50.00	ug/L	0.00
System Monitoring Compounds						
37) Dibromofluoromethane (surr	8.36	113	577446	56.52	ug/L	0.00
Spiked Amount 50.000 Range 71 - 136 Recovery = 113.04%						
44) d4-1,2-Dichloroethane(surr	8.98	65	749545	53.65	µg/L	0.00
Spiked Amount 50.000 Range 70 - 130 Recovery = 107.30%						
58) D8-Toluene (surr)	11.04	98	1254363	47.66	ug/L	0.00
Spiked Amount 50.000 Range 75 - 126 Recovery = 95.32%						
79) Bromofluorobenzene (surr)	14.63	95	650514	55.58	ug/L	0.00
Spiked Amount 50.000 Range 76 - 120 Recovery = 111.16%						

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.91	85	332610	19.57	ug/L	96
3) Chloromethane	4.25	50	352449	15.33	ug/L	98
4) Vinyl Chloride	4.38	62	353903	24.51	ug/L	96
5) Bromomethane	4.87	94	141135	16.18	ug/L	98
6) Chloroethane	5.05	64	205858	24.43	ug/L	96
7) Trichlorofluoromethane	5.21	101	601821	31.49	ug/L	97
8) Diethyl ether	5.56	59	241096	21.26	µg/L #	100
9) Ethanol	5.68	45	13992	124.15	ug/L	92
10) 1,2-Dichloro-1,1,2-triflur	6.76	117	523	No Calib	#	
11) acrolein	6.24	56	99799	157.29	ug/L	98
12) 1,1,2Trichloro-1,2,2triflu	5.86	151	176368	22.74	ug/L #	75
13) 1,1-Dichloroethene	5.86	96	232500	23.47	ug/L #	72
14) Acetone	6.55	43	278453	56.61	ug/L	92
15) Iodomethane	6.08	142	392959	31.80	ug/L #	77
16) Carbon disulfide	5.96	76	790255	28.67	ug/L	96
17) Methyl acetate	6.64	43	159030	9.44	µg/L #	100
18) Acetonitrile	7.10	41	196807	69.54	ug/L #	50
19) 3-chloropropene	6.39	41	428455	19.37	ug/L #	83
20) Methylene Chloride	6.50	84	266447	21.76	ug/L #	79
21) Acrylonitrile	7.42	53	92727	29.60	ug/L	98
22) Methyl tert-butyl ether	6.75	73	777235	22.11	ug/L	98
23) t-1,2-Dichloroethene	6.68	96	241298	23.06	ug/L #	83
24) 1,1-Dichloroethane	7.35	63	495552	22.46	ug/L	96
25) Vinyl Acetate	7.53	43	528078	17.32	ug/L	92
26) Isopropyl ether	7.10	45	923584	21.26	ug/L #	79
27) Chloroprene	7.31	88	159290	18.72	ug/L	96
28) 2-Butanone	8.49	72	53862	45.67	ug/L #	3
29) c-1,2-Dichloroethene	7.91	96	200129	20.43	ug/L #	85
30) 2,2-Dichloropropane	8.05	77	278927	18.37	ug/L	97
31) Cyclohexane	8.17	84	255493	22.06	µg/L #	100
32) Propionitrile	8.87	54	41081	21.26	ug/L #	1
33) Methacrylonitrile	8.88	41	300638	28.02	ug/L #	59
34) Bromochloromethane	8.14	128	103999	25.08	ug/L	99
35) Chloroform	8.16	83	488508	23.00	ug/L	99
36) Dibromofluoromethane	8.36	113	577446	56.52	ug/L	85
38) 1,1,1-Trichloroethane	8.45	97	408121	24.59	ug/L	86
39) 1,1-Dichloropropene	8.56	75	298148	21.76	ug/L	90
40) Isobutyl alcohol	6.64	43	156683	189.77	ug/L #	53

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF027.D
Acq On : 12 Jul 2007 5:06
Sample : 7G12008-MSD1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:34 2007

Vial: 27
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
42)	Carbon Tetrachloride	8.37	117	329745	26.20 ug/L		99
43)	d4-1,2-Dichloroethane	8.98	65	749545	53.65 µg/L	#	84
45)	1,2-Dichloroethane	9.06	62	421573	22.82 ug/L	#	12
46)	Benzene	8.85	78	723343	21.23 ug/L		98
47)	Methyl cyclohexane	9.47	83	258919	17.48 µg/L	#	100
48)	Trichloroethene	9.45	130	173396	20.57 ug/L		92
49)	1,2-Dichloropropane	10.07	63	203738	21.63 ug/L		97
50)	Methyl methacrylate	10.16	69	142892	20.08 ug/L		83
51)	1,4-Dioxane	10.30	88	2583	28.77 ug/L	#	1
52)	Dibromomethane	9.95	93	163367	20.65 ug/L	#	83
53)	Bromodichloromethane	10.08	83	346646	20.75 ug/L		99
54)	2-Chloroethyl vinyl ether	10.65	63	97	35.68 ug/L	#	41
55)	C-1,3-Dichloropropene	10.80	75	307561	19.44 ug/L		88
56)	4-Methyl-2-pentanone	11.50	100	66185	46.75 ug/L	#	1
57)	D8-Toluene	11.04	98	1254363	47.66 ug/L		97
60)	Toluene	11.11	92	417148	20.48 ug/L		97
61)	T-1,3-Dichloropropene	11.56	75	343905	23.21 ug/L		99
62)	Ethyl methacrylate	11.66	69	281789	21.16 ug/L		88
63)	1,1,2-Trichloroethane	11.79	97	174158	20.84 ug/L		88
64)	1,3-Dichloropropane	12.15	76	319314	20.73 ug/L		99
65)	Tetrachloroethene	11.59	164	132665	14.03 ug/L		97
66)	2-Hexanone	12.54	43	481943	53.96 ug/L		83
67)	Dibromochloromethane	12.03	129	242934	21.92 ug/L		99
68)	1,2-Dibromoethane	12.40	107	205918	21.55 ug/L		99
69)	Chlorobenzene	13.04	112	468510	21.11 ug/L		97
70)	1,1,1,2-Tetrachloroethane	13.09	131	194955	22.12 ug/L		99
71)	Ethylbenzene	13.01	106	213827	19.93 ug/L	#	63
72)	m-xylene & p-xylene	13.20	106	570720	43.39 ug/L		79
73)	O-Xylene	13.79	106	262395	22.56 ug/L		77
74)	Styrene	13.85	104	495726	19.28 ug/L		91
75)	Bromoform	13.94	173	183000	23.34 ug/L		99
76)	Isopropylbenzene	14.20	105	735645	24.97 ug/L		93
77)	C-1,4-Dichloro-2-butene	14.68	53	91851	19.88 ug/L	#	1
78)	Bromofluorobenzene	14.63	95	650514	55.58 ug/L		85
80)	1,1,2,2-Tetrachloroethane	14.85	83	321838	23.44 ug/L		98
81)	Bromobenzene	14.83	156	219470	22.27 ug/L		98
82)	1,2,3-Trichloropropane	15.10	75	392061	22.85 ug/L	#	46
83)	T-1,4-Dichloro-2-Butene	15.12	53	90251	20.62 ug/L	#	99
84)	n-Propylbenzene	14.77	91	1012037	23.54 ug/L		90
86)	2-Chlorotoluene	15.06	91	729803	20.29 ug/L		94
87)	1,3,5-Trimethylbenzene	15.03	105	645860	20.09 ug/L		95
88)	4-Chlorotoluene	15.28	91	661355	20.70 ug/L		94
89)	tert-Butylbenzene	15.49	119	541228	21.66 ug/L		91
90)	Pentachloroethane	15.55	167	157581	52.83 ug/L		93
91)	1,2,4-Trimethylbenzene	15.57	105	705603	21.14 ug/L		98
92)	s-Butylbenzene	15.71	105	883942	22.30 ug/L		91
93)	1,3-Dichlorobenzene	16.03	146	417844	21.65 ug/L		96
94)	p-Isopropyltoluene	15.86	119	658497	21.43 ug/L		94
95)	1,4-Dichlorobenzene	16.13	146	434293	20.93 ug/L		97
96)	n-Butylbenzene	16.36	91	673894	19.20 ug/L		95
97)	1,2-Dichlorobenzene	16.64	146	412061	21.22 ug/L		97
98)	DBCP	17.62	157	59792	21.56 ug/L	#	75
99)	1,2,4-Trichlorobenzene	18.50	180	236018	19.90 ug/L		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF027.D Vial: 27
Acq On : 12 Jul 2007 5:06 Operator: ds
Sample : 7G12008-MSD1 Inst : JVGCMS2
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:34 2007 Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

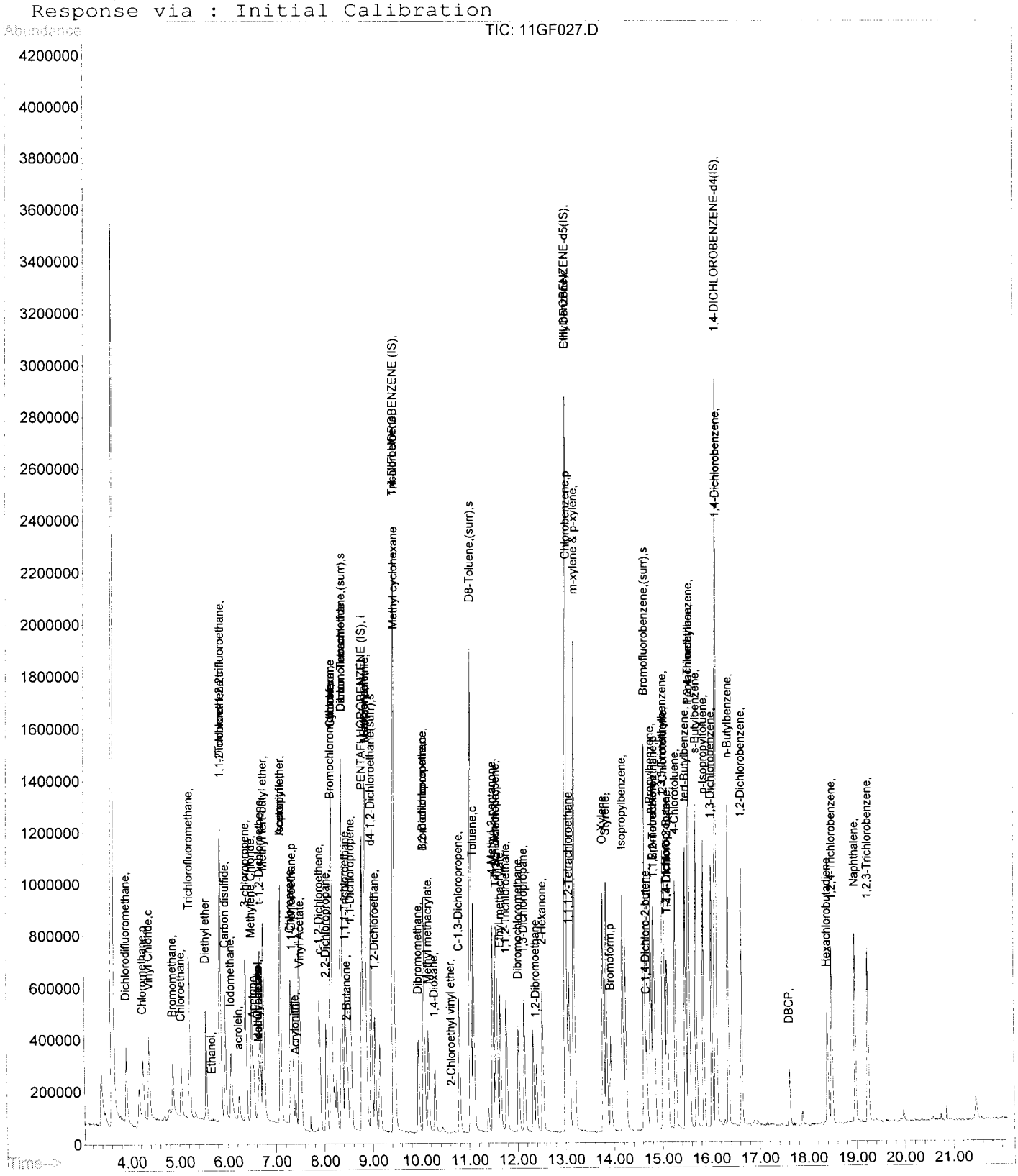
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
100) Hexachlorobutadiene	18.41	225	93346	19.42 ug/L	97
101) Naphthalene	18.97	128	650570	21.80 ug/L	97
102) 1,2,3-Trichlorobenzene	19.24	180	236524	21.55 ug/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GF\11GF027.D Vial: 27
Acq On : 12 Jul 2007 5:06 Operator: ds
Sample : 7G12008-MSD1 Inst : JVGCMS2
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:34 2007 Quant Results File: 82607WGF.RES

Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GK\11GK006.D Vial: 6
Acq On : 16 Jul 2007 13:44 Operator: ds
Sample : 7G12008-BLK3 Inst : JVGCMS2
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 17 11:25 2007 Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGF

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.79	168	930154	50.00 ug/L	-0.01
41) 1,4-DIFLUOROBENZENE (IS)	9.44	114	1386762	50.00 ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.01	117	975381	50.00 ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.11	152	476160	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	8.36	113	696756	51.45 ug/L	0.00
Spiked Amount 50.000 Range 71 - 136 Recovery = 102.90%					
44) d4-1,2-Dichloroethane(surr	8.98	65	918568	54.65 µg/L	0.00
Spiked Amount 50.000 Range 70 - 130 Recovery = 109.30%					
58) D8-Toluene (surr)	11.04	98	1398859	44.18 ug/L	0.00
Spiked Amount 50.000 Range 75 - 126 Recovery = 88.36%					
79) Bromofluorobenzene (surr)	14.63	95	585603	51.39 ug/L	0.00
Spiked Amount 50.000 Range 76 - 120 Recovery = 102.78%					

Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.92	85	796	N.D.	
3) Chloromethane	4.24	50	3530	Below Cal	78
4) Vinyl Chloride	4.36	62	499	N.D.	
5) Bromomethane	0.00	94	0	N.D. d	
6) Chloroethane	5.04	64	1916	Below Cal #	15
7) Trichlorofluoromethane	5.21	101	867	N.D.	
8) Diethyl ether	5.56	59	616	N.D.	
9) Ethanol	0.00	45	0	N.D. d	
10) 1,2-Dichloro-1,1,2-triflur	6.77	117	193	No Calib #	
11) acrolein	0.00	56	0	N.D. d	
12) 1,1,2Trichloro-1,2,2triflu	5.87	151	319	N.D.	
13) 1,1-Dichloroethene	5.87	96	987	N.D.	
14) Acetone	6.55	43	12417	Below Cal	89
15) Iodomethane	6.08	142	25343	Below Cal #	61
16) Carbon disulfide	5.95	76	26718	0.73 ug/L	83
17) Methyl acetate	6.62	43	520	N.D.	
18) Acetonitrile	7.07	41	6111	Below Cal #	76
19) 3-chloropropene	6.39	41	3035	N.D.	
20) Methylene Chloride	6.50	84	33659	Below Cal #	81
21) Acrylonitrile	0.00	53	0	N.D. d	
22) Methyl tert-butyl ether	6.79	73	1179	N.D.	
23) t-1,2-Dichloroethene	6.54	96	502	N.D.	
24) 1,1-Dichloroethane	7.49	63	433	N.D.	
25) Vinyl Acetate	7.53	43	1294	N.D.	
26) Isopropyl ether	7.07	45	698	N.D.	
27) Chloroprene	7.32	88	534	N.D.	
28) 2-Butanone	0.00	72	0	N.D. d	
29) c-1,2-Dichloroethene	7.90	96	345	N.D.	
30) 2,2-Dichloropropane	7.89	77	476	N.D.	
31) Cyclohexane	8.15	84	263	N.D.	
32) Propionitrile	0.00	54	0	N.D. d	
33) Methacrylonitrile	8.85	41	614	N.D.	
34) Bromochloromethane	8.13	128	544	N.D.	
35) Chloroform	8.23	83	158	N.D.	
36) Dibromofluoromethane	8.36	113	696756	51.45 ug/L	88
38) 1,1,1-Trichloroethane	8.43	97	192	N.D.	
39) 1,1-Dichloropropene	0.00	75	0	N.D.	
40) Isobutyl alcohol	6.74	43	1368	Below Cal	85

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GK\11GK006.D
Acq On : 16 Jul 2007 13:44
Sample : 7G12008-BLK3
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 17 11:25 2007

Vial: 6
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGF

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
42) Carbon Tetrachloride	8.38	117	203	N.D.	
43) d4-1,2-Dichloroethane	8.98	65	918568	54.65 µg/L #	89
45) 1,2-Dichloroethane	9.07	62	283	N.D.	
46) Benzene	8.85	78	2073	N.D.	
47) Methyl cyclohexane	0.00	83	0	N.D. d	
48) Trichloroethene	9.44	130	549	N.D.	
49) 1,2-Dichloropropane	10.04	63	247	N.D.	
50) Methyl methacrylate	10.23	69	184	N.D.	
51) 1,4-Dioxane	0.00	88	0	N.D. d	
52) Dibromomethane	9.95	93	766	N.D.	
53) Bromodichloromethane	10.07	83	520	N.D.	
54) 2-Chloroethyl vinyl ether	0.00	63	0	N.D. d	
55) C-1,3-Dichloropropene	10.80	75	423	N.D.	
56) 4-Methyl-2-pentanone	11.47	100	207	N.D.	
57) D8-Toluene	11.04	98	1398859	44.18 ug/L	98
60) Toluene	11.11	92	3448	N.D.	
61) T-1,3-Dichloropropene	11.58	75	782	N.D.	
62) Ethyl methacrylate	11.67	69	217	N.D.	
63) 1,1,2-Trichloroethane	11.81	97	410	N.D.	
64) 1,3-Dichloropropane	11.98	76	532	N.D.	
65) Tetrachloroethene	0.00	164	0	N.D. d	
66) 2-Hexanone	12.50	43	439	N.D.	
67) Dibromochloromethane	12.09	129	123	N.D.	
68) 1,2-Dibromoethane	12.54	107	86	N.D.	
69) Chlorobenzene	13.03	112	673	N.D.	
70) 1,1,1,2-Tetrachloroethane	13.08	131	116	N.D.	
71) Ethylbenzene	13.19	106	697	N.D.	
72) m-xylene & p-xylene	13.19	106	697	N.D.	
73) O-Xylene	13.67	106	68	N.D.	
74) Styrene	14.00	104	212	Below Cal	88
75) Bromoform	13.93	173	192	N.D.	
76) Isopropylbenzene	14.19	105	1006	N.D.	
77) C-1,4-Dichloro-2-butene	0.00	53	0	N.D. d	
78) Bromofluorobenzene	14.63	95	585603	51.39 ug/L	85
80) 1,1,2,2-Tetrachloroethane	14.88	83	551	N.D.	
81) Bromobenzene	14.82	156	240	N.D.	
82) 1,2,3-Trichloropropane	15.12	75	318	N.D.	
83) T-1,4-Dichloro-2-Butene	15.11	53	133	N.D.	
84) n-Propylbenzene	14.77	91	1474	N.D.	
86) 2-Chlorotoluene	15.05	91	807	N.D.	
87) 1,3,5-Trimethylbenzene	14.95	105	162	N.D.	
88) 4-Chlorotoluene	15.27	91	1186	N.D.	
89) tert-Butylbenzene	15.56	119	438	N.D.	
90) Pentachloroethane	15.58	167	299	Below Cal #	48
91) 1,2,4-Trimethylbenzene	15.56	105	514	N.D.	
92) s-Butylbenzene	15.80	105	78	N.D.	
93) 1,3-Dichlorobenzene	16.03	146	743	N.D.	
94) p-Isopropyltoluene	15.85	119	857	N.D.	
95) 1,4-Dichlorobenzene	16.12	146	1088	N.D.	
96) n-Butylbenzene	16.36	91	1633	N.D.	
97) 1,2-Dichlorobenzene	16.81	146	117	N.D.	
98) DBCP	17.59	157	149	N.D.	
99) 1,2,4-Trichlorobenzene	18.50	180	1089	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GK\11GK006.D
Acq On : 16 Jul 2007 13:44
Sample : 7G12008-BLK3
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 17 11:25 2007

Vial: 6
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGF

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
100) Hexachlorobutadiene	0.00	225	0	N.D. d	
101) Naphthalene	18.97	128	2111	N.D.	
102) 1,2,3-Trichlorobenzene	19.36	180	131	N.D.	

(#) = qualifier out of range (m) = manual integration

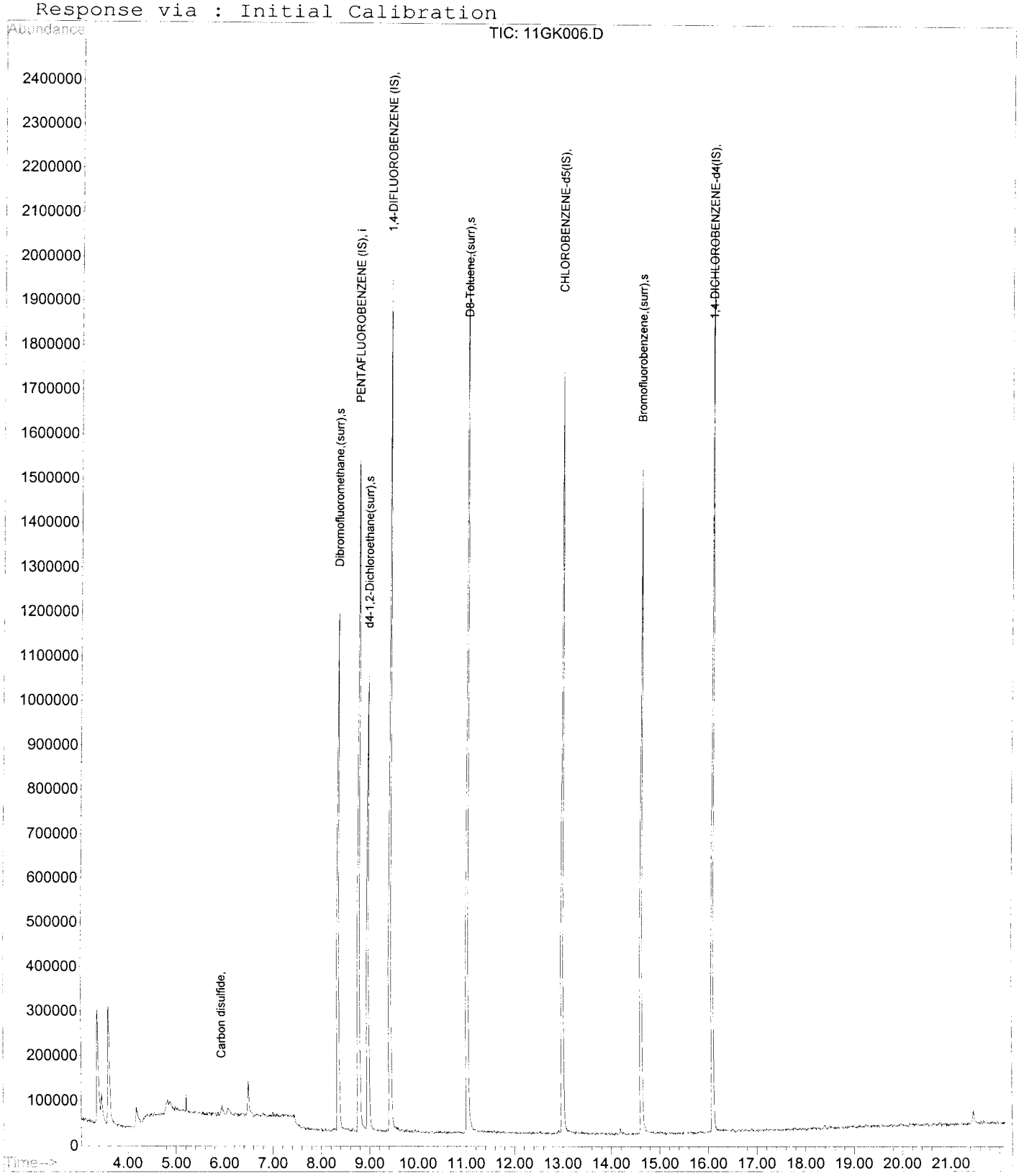
Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GK\11GK006.D
Acq On : 16 Jul 2007 13:44
Sample : 7G12008-BLK3
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 17 11:25 2007

Vial: 6
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration



8260 Raw Data

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF036.D
Acq On : 12 Jul 2007 9:56
Sample : b705885-01
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:48 2007

Vial: 36
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.79	168	693649	50.00 ug/L	-0.01
41) 1,4-DIFLUOROBENZENE (IS)	9.44	114	1130807	50.00 ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.01	117	880719	50.00 ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.10	152	428413	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	8.37	113	570895	56.53 ug/L	0.00
Spiked Amount 50.000 Range 71 - 136 Recovery = 113.06%					
44) d4-1,2-Dichloroethane(surr	8.99	65	780165	56.92 µg/L	0.00
Spiked Amount 50.000 Range 70 - 130 Recovery = 113.84%					
58) D8-Toluene (surr)	11.03	98	1198179	46.41 ug/L	-0.01
Spiked Amount 50.000 Range 75 - 126 Recovery = 92.82%					
79) Bromofluorobenzene (surr)	14.64	95	537146	52.20 ug/L	0.00
Spiked Amount 50.000 Range 76 - 120 Recovery = 104.40%					

Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.75	85	109	0.01 ug/L	86
3) Chloromethane	4.24	50	5426	Below Cal	95
4) Vinyl Chloride	4.38	62	1656	0.12 ug/L #	39
5) Bromomethane	0.00	94	0	N.D. d	
6) Chloroethane	5.05	64	704	Below Cal #	2
7) Trichlorofluoromethane	5.24	101	901	0.05 ug/L #	61
8) Diethyl ether	5.59	59	184	0.02 µg/L #	100
9) Ethanol	0.00	45	0	N.D. d	
10) 1,2-Dichloro-1,1,2-triflur	6.81	117	410	No Calib #	
11) acrolein	0.00	56	0	N.D. d	
12) 1,1,2Trichloro-1,2,2triflu	5.86	151	283	0.04 ug/L #	1
13) 1,1-Dichloroethene	5.83	96	1000	0.10 ug/L #	83
14) Acetone	6.55	43	25605	Below Cal	88
15) Iodomethane	6.07	142	7762	Below Cal #	45
16) Carbon disulfide	5.96	76	16659	0.61 ug/L	99
17) Methyl acetate	0.00	43	0	N.D.	
18) Acetonitrile	0.00	41	0	N.D.	
19) 3-chloropropene	0.00	41	0	N.D. d	
20) Methylene Chloride	6.50	84	5716	Below Cal #	30
21) Acrylonitrile	0.00	53	0	N.D. d	
22) Methyl tert-butyl ether	6.75	73	285	0.01 ug/L #	1
23) t-1,2-Dichloroethene	6.67	96	950	0.09 ug/L #	6
24) 1,1-Dichloroethane	7.33	63	6640	0.30 ug/L #	1
25) Vinyl Acetate	0.00	43	0	N.D. d	
26) Isopropyl ether	7.25	45	616	0.01 ug/L	91
27) Chloroprene	7.30	88	253	0.03 ug/L #	45
28) 2-Butanone	0.00	72	0	N.D. d	
29) c-1,2-Dichloroethene	7.90	96	825	0.09 ug/L #	71
30) 2,2-Dichloropropane	8.05	77	913	0.06 ug/L #	50
31) Cyclohexane	0.00	84	0	N.D. d	
32) Propionitrile	0.00	54	0	N.D. d	
33) Methacrylonitrile	0.00	41	0	N.D.	
34) Bromochloromethane	8.12	128	82	0.02 ug/L #	70
35) Chloroform	0.00	83	0	N.D. d	
36) Dibromofluoromethane	8.37	113	570895	56.53 ug/L	85
38) 1,1,1-Trichloroethane	8.43	97	205	0.01 ug/L #	1
39) 1,1-Dichloropropene	0.00	75	0	N.D.	
40) Isobutyl alcohol	0.00	43	0	N.D. d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF036.D
Acq On : 12 Jul 2007 9:56
Sample : b705885-01
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:48 2007

Vial: 36
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
42) Carbon Tetrachloride	8.35	117	180	0.01 ug/L #	40
43) d4-1,2-Dichloroethane	8.99	65	780165	56.92 µg/L #	85
45) 1,2-Dichloroethane	9.04	62	684	0.04 ug/L #	10
46) Benzene	8.85	78	3030	0.09 ug/L	73
47) Methyl cyclohexane	0.00	83	0	N.D. d	
48) Trichloroethene	9.44	130	420	0.05 ug/L #	1
49) 1,2-Dichloropropane	0.00	63	0	N.D. d	
50) Methyl methacrylate	0.00	69	0	N.D. d	
51) 1,4-Dioxane	0.00	88	0	N.D. d	
52) Dibromomethane	9.96	93	450	0.06 ug/L #	1
53) Bromodichloromethane	0.00	83	0	N.D. d	
54) 2-Chloroethyl vinyl ether	0.00	63	0	N.D. d	
55) C-1,3-Dichloropropene	10.82	75	570	0.04 ug/L #	1
56) 4-Methyl-2-pentanone	0.00	100	0	N.D. d	
57) D8-Toluene	11.03	98	1198179	46.41 ug/L	98
60) Toluene	11.21	92	236	0.01 ug/L	88
61) T-1,3-Dichloropropene	11.39	75	612	0.05 ug/L	70
62) Ethyl methacrylate	11.60	69	58	0.00 ug/L #	1
63) 1,1,2-Trichloroethane	11.78	97	1177	0.16 ug/L #	1
64) 1,3-Dichloropropane	12.17	76	254	0.02 ug/L #	1
65) Tetrachloroethene	0.00	164	0	N.D. d	
66) 2-Hexanone	0.00	43	0	N.D. d	
67) Dibromochloromethane	12.03	129	127	0.01 ug/L	97
68) 1,2-Dibromoethane	12.23	107	220	0.03 ug/L	99
69) Chlorobenzene	13.13	112	225	0.01 ug/L	98
70) 1,1,1,2-Tetrachloroethane	13.28	131	121	0.02 ug/L	96
71) Ethylbenzene	13.18	106	1053	0.11 ug/L	99
72) m-xylene & p-xylene	13.12	106	81	0.01 ug/L	86
73) O-Xylene	13.79	106	465	0.05 ug/L	85
74) Styrene	13.87	104	690	Below Cal #	44
75) Bromoform	13.95	173	181	0.03 ug/L #	53
76) Isopropylbenzene	14.19	105	22105	0.85 ug/L	97
77) C-1,4-Dichloro-2-butene	0.00	53	0	N.D. d	
78) Bromofluorobenzene	14.64	95	537146	52.20 ug/L	86
80) 1,1,2,2-Tetrachloroethane	14.87	83	506	0.04 ug/L #	85
81) Bromobenzene	14.80	156	51	0.01 ug/L #	74
82) 1,2,3-Trichloropropane	15.11	75	85	0.01 ug/L #	74
83) T-1,4-Dichloro-2-Butene	15.17	53	469	0.12 ug/L #	32
84) n-Propylbenzene	14.77	91	23423	0.62 ug/L	81
86) 2-Chlorotoluene	15.09	91	412	0.02 ug/L	89
87) 1,3,5-Trimethylbenzene	15.02	105	476	0.02 ug/L	85
88) 4-Chlorotoluene	15.27	91	887	0.04 ug/L	70
89) tert-Butylbenzene	15.48	119	1140	0.06 ug/L #	70
90) Pentachloroethane	15.54	167	42	Below Cal #	1
91) 1,2,4-Trimethylbenzene	15.56	105	704	0.03 ug/L	94
92) s-Butylbenzene	15.71	105	2111	0.08 ug/L	63
93) 1,3-Dichlorobenzene	16.03	146	678	0.05 ug/L #	63
94) p-Isopropyltoluene	16.03	119	251	0.01 ug/L	84
95) 1,4-Dichlorobenzene	16.03	146	678	0.05 ug/L	83
96) n-Butylbenzene	16.37	91	1807	0.07 ug/L	81
97) 1,2-Dichlorobenzene	16.64	146	1090	0.08 ug/L #	78
98) DBCP	17.76	157	156	0.08 ug/L	81
99) 1,2,4-Trichlorobenzene	18.50	180	631	0.08 ug/L #	82

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF036.D
Acq On : 12 Jul 2007 9:56
Sample : b705885-01
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:48 2007

Vial: 36
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
100) Hexachlorobutadiene	18.41	225	174	0.05 ug/L #	1
101) Naphthalene	18.98	128	1084	0.05 ug/L #	30
102) 1,2,3-Trichlorobenzene	19.26	180	169	0.02 ug/L #	1

(#) = qualifier out of range (m) = manual integration

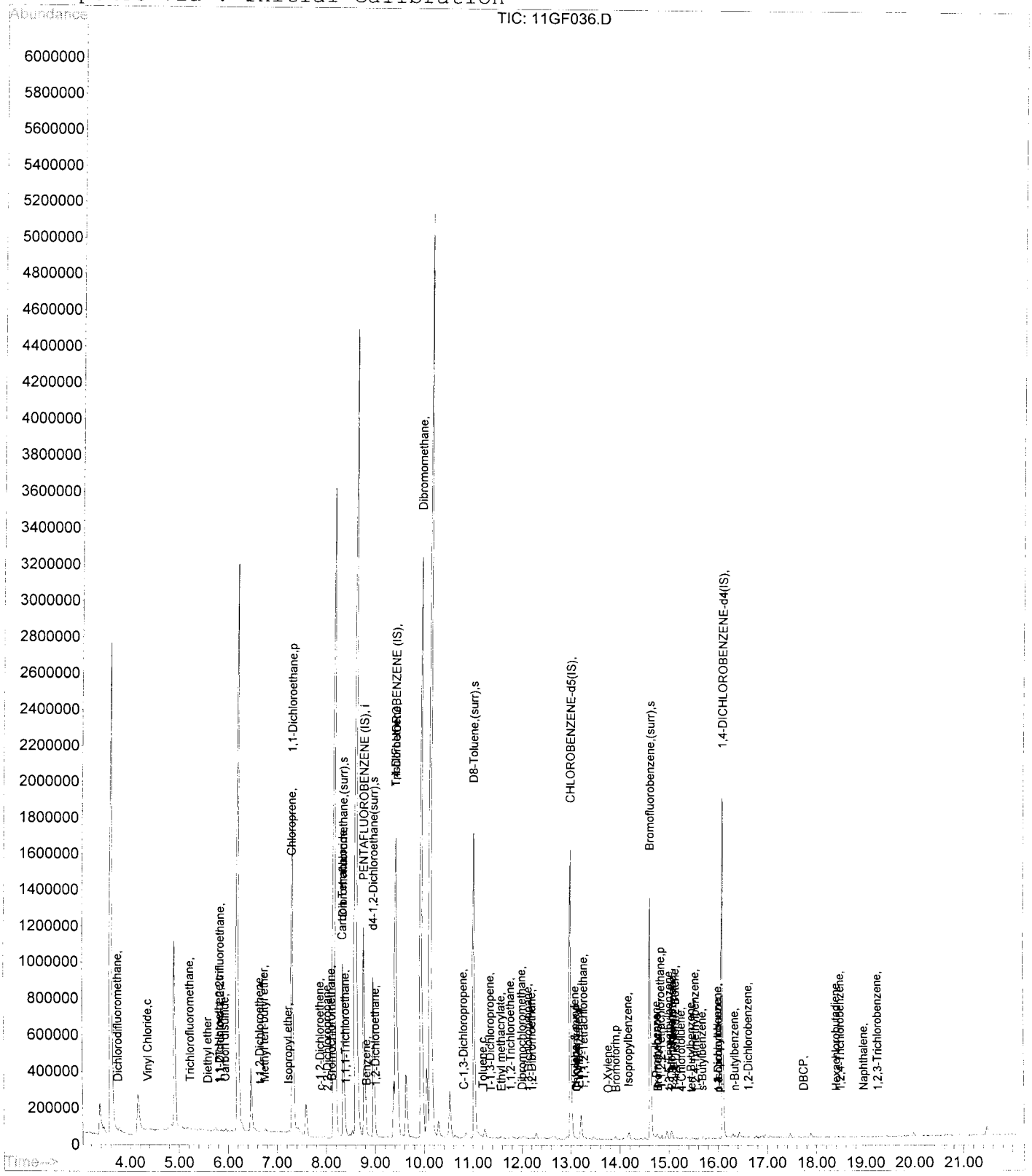
Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GF\11GF036.D
Acq On : 12 Jul 2007 9:56
Sample : b705885-01
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:48 2007

Vial: 36
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF037.D
Acq On : 12 Jul 2007 10:29
Sample : b705885-02
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:50 2007

Vial: 37
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.79	168	655658	50.00 ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	9.44	114	1062584	50.00 ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.01	117	867757	50.00 ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.10	152	468065	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	8.37	113	544882	57.08 ug/L	0.00
Spiked Amount 50.000	Range 71 - 136		Recovery = 114.16%		
44) d4-1,2-Dichloroethane(surr	8.98	65	745384	57.88 µg/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 115.76%		
58) D8-Toluene (surr)	11.03	98	1146034	47.24 ug/L	0.00
Spiked Amount 50.000	Range 75 - 126		Recovery = 94.48%		
79) Bromofluorobenzene (surr)	14.64	95	576510	56.86 ug/L	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 113.72%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.90	85	710	0.04 ug/L	87
3) Chloromethane	4.16	50	13249	Below Cal #	52
4) Vinyl Chloride	4.36	62	329	0.02 ug/L #	39
5) Bromomethane	0.00	94	0	N.D. d	
6) Chloroethane	5.07	64	5117	Below Cal	68
7) Trichlorofluoromethane	5.24	101	189	0.01 ug/L #	1
8) Diethyl ether	5.51	59	339	0.03 µg/L #	100
9) Ethanol	0.00	45	0	N.D. d	
10) 1,2-Dichloro-1,1,2-triflur	6.76	117	295	No Calib #	
11) acrolein	0.00	56	0	N.D. d	
12) 1,1,2Trichloro-1,2,2triflu	5.86	151	306	0.04 ug/L #	43
13) 1,1-Dichloroethene	5.84	96	1809	0.20 ug/L #	1
14) Acetone	6.48	43	359410	81.09 ug/L	78
15) Iodomethane	6.08	142	6433	Below Cal #	57
16) Carbon disulfide	5.96	76	17514	0.68 ug/L	97
17) Methyl acetate	0.00	43	0	N.D. d	
18) Acetonitrile	7.07	41	3216	Below Cal #	82
19) 3-chloropropene	0.00	41	0	N.D. d	
20) Methylene Chloride	6.47	84	13660	Below Cal #	1
21) Acrylonitrile	0.00	53	0	N.D. d	
22) Methyl tert-butyl ether	6.74	73	789	0.02 ug/L #	56
23) t-1,2-Dichloroethene	6.68	96	1141	0.12 ug/L #	58
24) 1,1-Dichloroethane	7.32	63	1817	0.09 ug/L #	1
25) Vinyl Acetate	0.00	43	0	N.D. d	
26) Isopropyl ether	7.00	45	1744	0.04 ug/L	96
27) Chloroprene	7.29	88	250	0.03 ug/L #	1
28) 2-Butanone	0.00	72	0	N.D. d	
29) c-1,2-Dichloroethene	7.91	96	379	0.04 ug/L #	63
30) 2,2-Dichloropropane	8.03	77	577	0.04 ug/L	78
31) Cyclohexane	0.00	84	0	N.D. d	
32) Propionitrile	0.00	54	0	N.D. d	
33) Methacrylonitrile	0.00	41	0	N.D.	
34) Bromochloromethane	8.11	128	68	0.02 ug/L #	47
35) Chloroform	0.00	83	0	N.D. d	
36) Dibromofluoromethane	8.37	113	544882	57.08 ug/L	85
38) 1,1,1-Trichloroethane	0.00	97	0	N.D. d	
39) 1,1-Dichloropropene	8.55	75	1337	0.10 ug/L #	1
40) Isobutyl alcohol	0.00	43	0	N.D. d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF037.D
Acq On : 12 Jul 2007 10:29
Sample : b705885-02
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:50 2007

Vial: 37
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
42) Carbon Tetrachloride	8.43	117	146	0.01 ug/L #	28
43) d4-1,2-Dichloroethane	8.98	65	745384	57.88 µg/L #	86
45) 1,2-Dichloroethane	9.09	62	381	0.02 ug/L #	8
46) Benzene	8.84	78	4769	0.15 ug/L	83
47) Methyl cyclohexane	0.00	83	0	N.D. d	
48) Trichloroethene	9.44	130	415	0.05 ug/L #	1
49) 1,2-Dichloropropane	10.08	63	918	0.11 ug/L #	49
50) Methyl methacrylate	0.00	69	0	N.D. d	
51) 1,4-Dioxane	0.00	88	0	N.D. d	
52) Dibromomethane	9.92	93	564	0.08 ug/L #	1
53) Bromodichloromethane	10.05	83	2207	0.14 ug/L #	26
54) 2-Chloroethyl vinyl ether	0.00	63	0	N.D. d	
55) C-1,3-Dichloropropene	10.80	75	395	0.03 ug/L #	1
56) 4-Methyl-2-pentanone	0.00	100	0	N.D. d	
57) D8-Toluene	11.03	98	1146034	47.24 ug/L	99
60) Toluene	11.10	92	3398	0.19 ug/L #	42
61) T-1,3-Dichloropropene	11.56	75	367	0.03 ug/L #	1
62) Ethyl methacrylate	11.66	69	277	0.02 ug/L #	1
63) 1,1,2-Trichloroethane	0.00	97	0	N.D. d	
64) 1,3-Dichloropropane	12.19	76	209	0.02 ug/L #	1
65) Tetrachloroethene	0.00	164	0	N.D. d	
66) 2-Hexanone	0.00	43	0	N.D. d	
67) Dibromochloromethane	12.05	129	83	0.01 ug/L #	11
68) 1,2-Dibromoethane	12.53	107	288	0.03 ug/L	98
69) Chlorobenzene	13.03	112	1142	0.06 ug/L	86
70) 1,1,1,2-Tetrachloroethane	13.11	131	117	0.02 ug/L	93
71) Ethylbenzene	13.00	106	3239	0.35 ug/L #	32
72) m-xylene & p-xylene	13.19	106	1950	0.17 ug/L #	65
73) O-Xylene	13.79	106	1189	0.12 ug/L	100
74) Styrene	13.87	104	168	Below Cal #	1
75) Bromoform	13.85	173	73	0.01 ug/L	87
76) Isopropylbenzene	14.19	105	12556307	491.95 ug/L	100
77) C-1,4-Dichloro-2-butene	14.71	53	380	0.09 ug/L #	1
78) Bromofluorobenzene	14.64	95	576510	56.86 ug/L	84
80) 1,1,2,2-Tetrachloroethane	14.69	83	404	0.03 ug/L	88
81) Bromobenzene	14.72	156	181	0.02 ug/L	93
82) 1,2,3-Trichloropropane	15.12	75	402	0.03 ug/L #	17
83) T-1,4-Dichloro-2-Butene	0.00	53	0	N.D. d	
84) n-Propylbenzene	14.77	91	742496	19.94 ug/L	87
86) 2-Chlorotoluene	0.00	91	0	N.D.	
87) 1,3,5-Trimethylbenzene	0.00	105	0	N.D. d	
88) 4-Chlorotoluene	15.27	91	891	0.04 ug/L	65
89) tert-Butylbenzene	15.48	119	31081	1.61 ug/L	93
90) Pentachloroethane	15.52	167	37	Below Cal #	1
91) 1,2,4-Trimethylbenzene	15.56	105	2535	0.10 ug/L	84
92) s-Butylbenzene	15.71	105	22781	0.74 ug/L	86
93) 1,3-Dichlorobenzene	16.02	146	637	0.04 ug/L #	79
94) p-Isopropyltoluene	15.86	119	3055	0.13 ug/L	82
95) 1,4-Dichlorobenzene	16.12	146	2158	0.13 ug/L #	1
96) n-Butylbenzene	16.37	91	5735	0.21 ug/L	93
97) 1,2-Dichlorobenzene	16.62	146	554	0.04 ug/L #	33
98) DBCP	17.71	157	76	0.04 ug/L	80
99) 1,2,4-Trichlorobenzene	18.50	180	488	0.05 ug/L #	24

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF037.D
Acq On : 12 Jul 2007 10:29
Sample : b705885-02
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:50 2007

Vial: 37
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
100)	Hexachlorobutadiene	18.41	225	338	0.09 ug/L	#	71
101)	Naphthalene	18.99	128	9808	0.42 ug/L		89
102)	1,2,3-Trichlorobenzene	19.24	180	653	0.08 ug/L	#	67

(#) = qualifier out of range (m) = manual integration

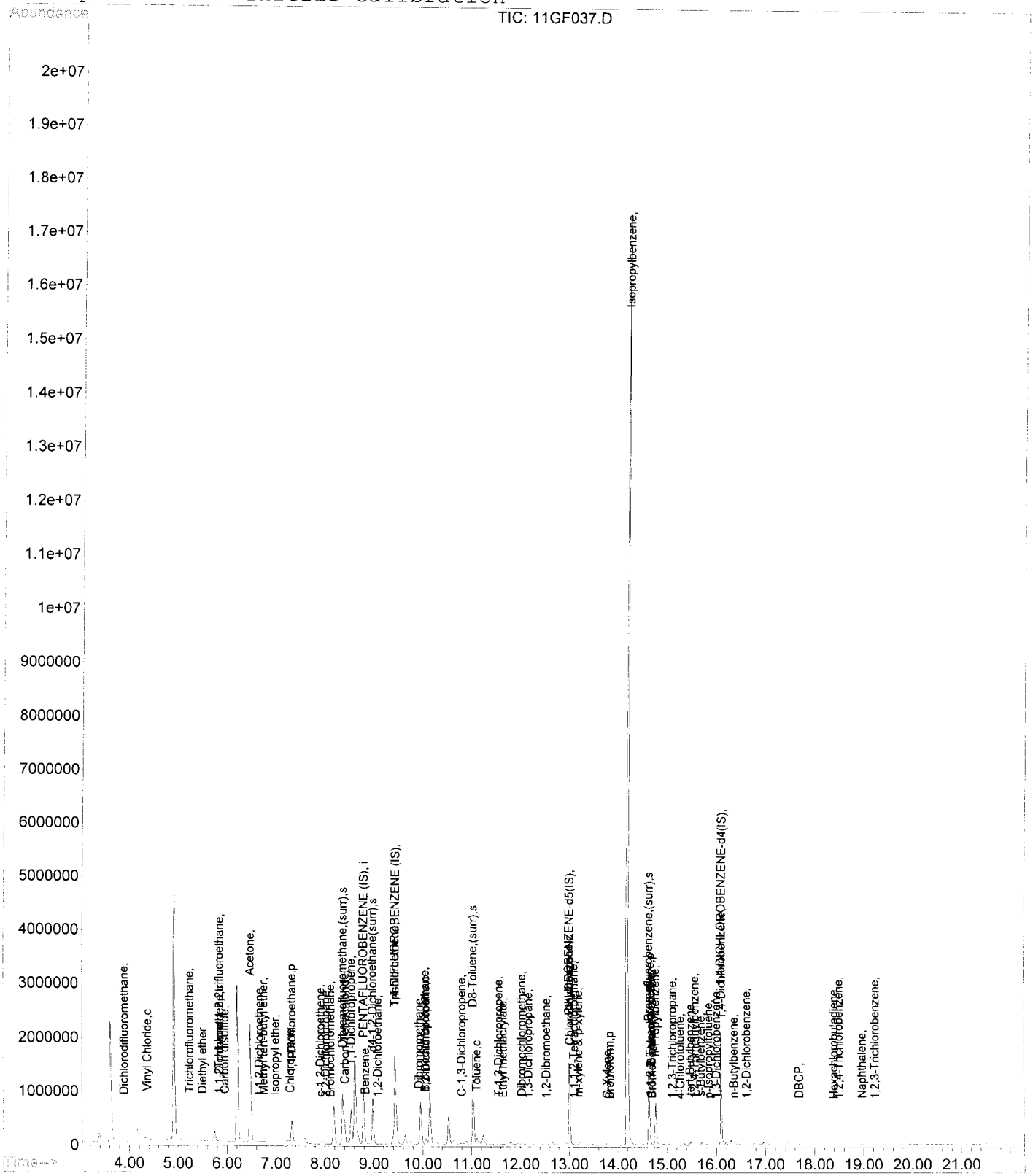
Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GF\11GF037.D
Acq On : 12 Jul 2007 10:29
Sample : b705885-02
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:50 2007

Vial: 37
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF038.D
Acq On : 12 Jul 2007 11:01
Sample : b705885-03
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:50 2007

Vial: 38
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.80	168	621067	50.00 ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	9.44	114	980743	50.00 ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.01	117	808436	50.00 ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.11	152	387519	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	8.36	113	521098	57.63 ug/L	0.00
Spiked Amount 50.000	Range 71 - 136		Recovery = 115.26%		
44) d4-1,2-Dichloroethane(surr	8.98	65	695402	58.50 µg/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 117.00%		
58) D8-Toluene (surr)	11.04	98	1098901	49.08 ug/L	0.00
Spiked Amount 50.000	Range 75 - 126		Recovery = 98.16%		
79) Bromofluorobenzene (surr)	14.63	95	483004	51.14 ug/L	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 102.28%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.90	85	653	0.04 ug/L #	52
3) Chloromethane	4.24	50	2128	Below Cal #	10
4) Vinyl Chloride	4.39	62	1686	0.13 ug/L #	39
5) Bromomethane	0.00	94	0	N.D. d	
6) Chloroethane	5.10	64	11524	Below Cal #	62
7) Trichlorofluoromethane	5.22	101	348	0.02 ug/L #	1
8) Diethyl ether	5.56	59	1023	0.10 µg/L #	100
9) Ethanol	0.00	45	0	N.D. d	
10) 1,2-Dichloro-1,1,2-triflur	6.79	117	371	No Calib #	
11) acrolein	0.00	56	0	N.D. d	
12) 1,1,2Trichloro-1,2,2triflu	5.86	151	211	0.03 ug/L #	1
13) 1,1-Dichloroethene	5.85	96	867	0.10 ug/L #	92
14) Acetone	6.55	43	11476	Below Cal	85
15) Iodomethane	6.08	142	5190	Below Cal #	56
16) Carbon disulfide	5.96	76	15937	0.65 ug/L	84
17) Methyl acetate	6.66	43	2176	0.15 µg/L #	100
18) Acetonitrile	7.08	41	1242	Below Cal #	1
19) 3-chloropropene	6.38	41	1063	0.05 ug/L #	14
20) Methylene Chloride	6.50	84	5546	Below Cal #	74
21) Acrylonitrile	7.21	53	318	0.11 ug/L	78
22) Methyl tert-butyl ether	6.66	73	556	0.02 ug/L	69
23) t-1,2-Dichloroethene	6.69	96	805	0.09 ug/L #	56
24) 1,1-Dichloroethane	7.39	63	1165	0.06 ug/L #	1
25) Vinyl Acetate	7.57	43	1109	0.04 ug/L	94
26) Isopropyl ether	6.98	45	1462	0.04 ug/L	89
27) Chloroprene	7.32	88	377	0.05 ug/L #	15
28) 2-Butanone	8.54	72	199	0.19 ug/L	67
29) c-1,2-Dichloroethene	7.89	96	572	0.07 ug/L #	14
30) 2,2-Dichloropropane	8.02	77	404	0.03 ug/L	74
31) Cyclohexane	8.17	84	1210	0.12 µg/L #	100
32) Propionitrile	0.00	54	0	N.D. d	
33) Methacrylonitrile	8.88	41	980	0.10 ug/L #	18
34) Bromochloromethane	8.09	128	40	0.01 ug/L	93
35) Chloroform	8.11	83	98	0.01 ug/L	83
36) Dibromofluoromethane	8.36	113	521098	57.63 ug/L	85
38) 1,1,1-Trichloroethane	8.42	97	62	0.00 ug/L #	1
39) 1,1-Dichloropropene	0.00	75	0	N.D.	
40) Isobutyl alcohol	0.00	43	0	N.D. d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF038.D
Acq On : 12 Jul 2007 11:01
Sample : b705885-03
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:50 2007

Vial: 38
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
42)	Carbon Tetrachloride	8.44	117	269	0.03 ug/L #	22
43)	d4-1,2-Dichloroethane	8.98	65	695402	58.50 µg/L #	86
45)	1,2-Dichloroethane	9.06	62	126	0.01 ug/L #	64
46)	Benzene	8.84	78	1848	0.06 ug/L	69
47)	Methyl cyclohexane	0.00	83	0	N.D. d	
48)	Trichloroethene	9.45	130	578	0.08 ug/L #	54
49)	1,2-Dichloropropane	10.11	63	301	0.04 ug/L #	56
50)	Methyl methacrylate	0.00	69	0	N.D. d	
51)	1,4-Dioxane	0.00	88	0	N.D. d	
52)	Dibromomethane	9.98	93	37	0.01 ug/L #	1
53)	Bromodichloromethane	10.04	83	319	0.02 ug/L #	47
54)	2-Chloroethyl vinyl ether	0.00	63	0	N.D. d	
55)	C-1,3-Dichloropropene	10.79	75	74	0.01 ug/L #	1
56)	4-Methyl-2-pentanone	11.52	100	148	0.12 ug/L #	53
57)	D8-Toluene	11.04	98	1098901	49.08 ug/L	98
60)	Toluene	11.10	92	2434	0.15 ug/L	95
61)	T-1,3-Dichloropropene	11.56	75	592	0.05 ug/L #	1
62)	Ethyl methacrylate	11.49	69	337	0.03 ug/L	86
63)	1,1,2-Trichloroethane	11.79	97	320	0.05 ug/L #	26
64)	1,3-Dichloropropane	12.14	76	168	0.01 ug/L #	41
65)	Tetrachloroethene	0.00	164	0	N.D. d	
66)	2-Hexanone	12.52	43	304	0.04 ug/L #	51
67)	Dibromochloromethane	12.03	129	71	0.01 ug/L	78
68)	1,2-Dibromoethane	12.40	107	106	0.01 ug/L	92
69)	Chlorobenzene	12.97	112	138	0.01 ug/L	92
70)	1,1,1,2-Tetrachloroethane	12.91	131	285	0.04 ug/L	84
71)	Ethylbenzene	12.92	106	118	0.01 ug/L	84
72)	m-xylene & p-xylene	13.18	106	198	0.02 ug/L #	1
73)	O-Xylene	13.92	106	149	0.02 ug/L	82
74)	Styrene	13.82	104	46	Below Cal #	1
75)	Bromoform	14.10	173	74	0.01 ug/L	90
76)	Isopropylbenzene	14.20	105	14534	0.61 ug/L	86
77)	C-1,4-Dichloro-2-butene	14.74	53	449	0.12 ug/L #	1
78)	Bromofluorobenzene	14.63	95	483004	51.14 ug/L	84
80)	1,1,2,2-Tetrachloroethane	14.83	83	293	0.03 ug/L	99
81)	Bromobenzene	14.83	156	89	0.01 ug/L #	43
82)	1,2,3-Trichloropropane	15.12	75	230	0.02 ug/L #	17
83)	T-1,4-Dichloro-2-Butene	15.12	53	341	0.10 ug/L #	23
84)	n-Propylbenzene	14.77	91	2606	0.08 ug/L	87
86)	2-Chlorotoluene	15.25	91	216	0.01 ug/L	72
87)	1,3,5-Trimethylbenzene	14.99	105	94	0.00 ug/L	89
88)	4-Chlorotoluene	15.29	91	507	0.02 ug/L	93
89)	tert-Butylbenzene	15.49	119	314	0.02 ug/L #	60
90)	Pentachloroethane	15.54	167	139	Below Cal	81
91)	1,2,4-Trimethylbenzene	15.56	105	534	0.02 ug/L	96
92)	s-Butylbenzene	15.69	105	718	0.03 ug/L	98
93)	1,3-Dichlorobenzene	16.02	146	424	0.03 ug/L #	53
94)	p-Isopropyltoluene	15.85	119	718	0.04 ug/L #	57
95)	1,4-Dichlorobenzene	16.13	146	934	0.07 ug/L #	1
96)	n-Butylbenzene	16.52	91	347	0.02 ug/L	91
97)	1,2-Dichlorobenzene	16.64	146	412	0.03 ug/L #	74
98)	DBCP	17.55	157	56	0.03 ug/L #	1
99)	1,2,4-Trichlorobenzene	18.51	180	394	0.05 ug/L #	83

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF038.D
Acq On : 12 Jul 2007 11:01
Sample : b705885-03
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:50 2007

Vial: 38
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
100) Hexachlorobutadiene	18.41	225	58	0.02 ug/L #	1
101) Naphthalene	18.97	128	700	0.04 ug/L #	66
102) 1,2,3-Trichlorobenzene	19.25	180	553	0.08 ug/L #	44

(#) = qualifier out of range (m) = manual integration

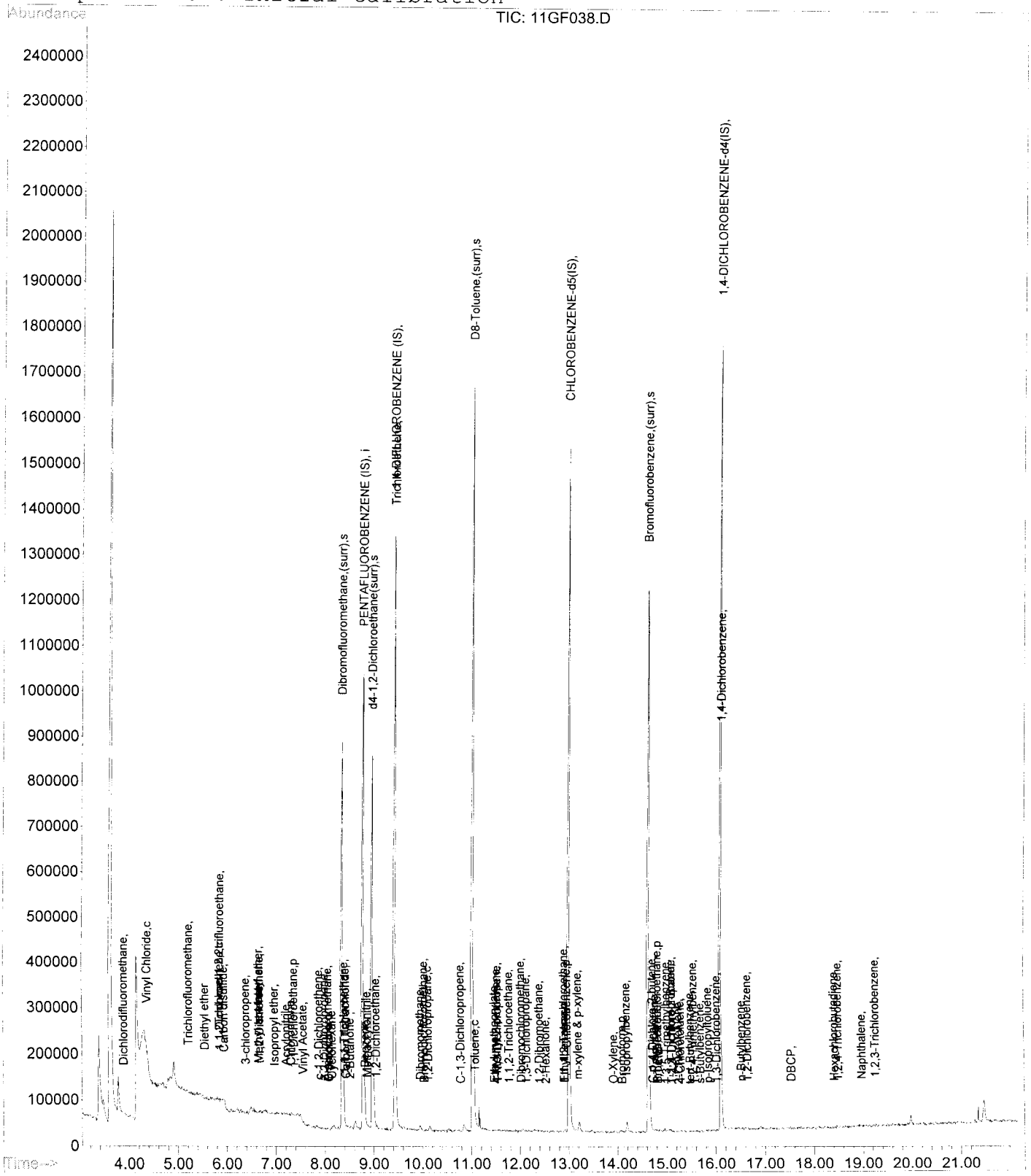
Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GF\11GF038.D
Acq On : 12 Jul 2007 11:01
Sample : b705885-03
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:50 2007

Vial: 38
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GK\11GK017.D Vial: 17
Acq On : 16 Jul 2007 19:38 Operator: ds
Sample : b705885-03 RE1 Inst : JVGCMS2
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 17 11:33 2007 Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGF

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.79	168	887314	50.00 ug/L	-0.01
41) 1,4-DIFLUOROBENZENE (IS)	9.44	114	1338767	50.00 ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.01	117	960384	50.00 ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.10	152	490603	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	8.36	113	690050	53.41 ug/L	-0.01
Spiked Amount 50.000 Range 71 - 136 Recovery = 106.82%					
44) d4-1,2-Dichloroethane(surr	8.98	65	895822	55.21 µg/L	-0.01
Spiked Amount 50.000 Range 70 - 130 Recovery = 110.42%					
58) D8-Toluene (surr)	11.03	98	1363072	44.60 ug/L	-0.01
Spiked Amount 50.000 Range 75 - 126 Recovery = 89.20%					
79) Bromofluorobenzene (surr)	14.64	95	575111	51.26 ug/L	0.00
Spiked Amount 50.000 Range 76 - 120 Recovery = 102.52%					

Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.92	85	557	N.D.	
3) Chloromethane	4.24	50	5599	Below Cal	81
4) Vinyl Chloride	4.38	62	910	N.D.	
5) Bromomethane	0.00	94	0	N.D. d	
6) Chloroethane	4.97	64	4893	Below Cal	78
7) Trichlorofluoromethane	5.21	101	1016	N.D.	
8) Diethyl ether	5.57	59	1049	N.D.	
9) Ethanol	0.00	45	0	N.D. d	
10) 1,2-Dichloro-1,1,2-triflur	6.76	117	654	No Calib #	
11) acrolein	0.00	56	0	N.D. d	
12) 1,1,2Trichloro-1,2,2triflu	5.87	151	215	N.D.	
13) 1,1-Dichloroethene	5.86	96	487	N.D.	
14) Acetone	6.55	43	10521	Below Cal	73
15) Iodomethane	6.08	142	10605	Below Cal #	68
16) Carbon disulfide	5.96	76	16236	0.47 ug/L	99
17) Methyl acetate	6.65	43	1245	N.D.	
18) Acetonitrile	7.09	41	3092	Below Cal #	1
19) 3-chloropropene	6.39	41	1474	N.D.	
20) Methylene Chloride	6.51	84	8684	Below Cal	93
21) Acrylonitrile	0.00	53	0	N.D. d	
22) Methyl tert-butyl ether	6.75	73	1066	N.D.	
23) t-1,2-Dichloroethene	6.66	96	701	N.D.	
24) 1,1-Dichloroethane	7.27	63	807	N.D.	
25) Vinyl Acetate	7.53	43	577	N.D.	
26) Isopropyl ether	7.10	45	4592	N.D.	
27) Chloroprene	7.32	88	249	N.D.	
28) 2-Butanone	8.64	72	136	N.D.	
29) c-1,2-Dichloroethene	7.92	96	319	N.D.	
30) 2,2-Dichloropropane	7.99	77	782	N.D.	
31) Cyclohexane	8.16	84	938	N.D.	
32) Propionitrile	8.89	54	245	N.D.	
33) Methacrylonitrile	8.89	41	776	N.D.	
34) Bromochloromethane	8.12	128	422	N.D.	
35) Chloroform	8.25	83	214	N.D.	
36) Dibromofluoromethane	8.36	113	690050	53.41 ug/L	87
38) 1,1,1-Trichloroethane	8.44	97	104	N.D.	
39) 1,1-Dichloropropene	0.00	75	0	N.D.	
40) Isobutyl alcohol	6.65	43	1245	Below Cal	79

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GK\11GK017.D Vial: 17
Acq On : 16 Jul 2007 19:38 Operator: ds
Sample : b705885-03 RE1 Inst : JVGCMS2
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 17 11:33 2007 Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGF

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
42)	Carbon Tetrachloride	8.37	117	104	N.D.		
43)	d4-1,2-Dichloroethane	8.98	65	895822	55.21 µg/L	#	89
45)	1,2-Dichloroethane	9.07	62	406	N.D.		
46)	Benzene	8.84	78	2130	N.D.		
47)	Methyl cyclohexane	0.00	83	0	N.D. d		
48)	Trichloroethene	9.63	130	122	N.D.		
49)	1,2-Dichloropropane	10.03	63	645	N.D.		
50)	Methyl methacrylate	10.08	69	143	N.D.		
51)	1,4-Dioxane	0.00	88	0	N.D. d		
52)	Dibromomethane	9.96	93	243	N.D.		
53)	Bromodichloromethane	0.00	83	0	N.D. d		
54)	2-Chloroethyl vinyl ether	0.00	63	0	N.D. d		
55)	C-1,3-Dichloropropene	10.78	75	419	N.D.		
56)	4-Methyl-2-pentanone	0.00	100	0	N.D. d		
57)	D8-Toluene	11.03	98	1363072	44.60 ug/L		99
60)	Toluene	11.10	92	3552	N.D.		
61)	T-1,3-Dichloropropene	11.56	75	689	N.D.		
62)	Ethyl methacrylate	11.62	69	362	N.D.		
63)	1,1,2-Trichloroethane	11.77	97	79	N.D.		
64)	1,3-Dichloropropane	12.16	76	352	N.D.		
65)	Tetrachloroethene	0.00	164	0	N.D. d		
66)	2-Hexanone	12.53	43	859	N.D.		
67)	Dibromochloromethane	11.87	129	44	N.D.		
68)	1,2-Dibromoethane	12.43	107	79	N.D.		
69)	Chlorobenzene	13.05	112	904	N.D.		
70)	1,1,1,2-Tetrachloroethane	13.01	131	125	N.D.		
71)	Ethylbenzene	13.01	106	456	N.D.		
72)	m-xylene & p-xylene	13.19	106	545	N.D.		
73)	O-Xylene	13.67	106	196	N.D.		
74)	Styrene	13.84	104	267	Below Cal	#	37
75)	Bromoform	13.93	173	57	N.D.		
76)	Isopropylbenzene	14.18	105	602	N.D.		
77)	C-1,4-Dichloro-2-butene	0.00	53	0	N.D. d		
78)	Bromofluorobenzene	14.64	95	575111	51.26 ug/L		84
80)	1,1,2,2-Tetrachloroethane	14.88	83	166	N.D.		
81)	Bromobenzene	14.64	156	352	N.D.		
82)	1,2,3-Trichloropropane	15.12	75	453	N.D.		
83)	T-1,4-Dichloro-2-Butene	15.11	53	182	N.D.		
84)	n-Propylbenzene	14.76	91	1138	N.D.		
86)	2-Chlorotoluene	15.05	91	932	N.D.		
87)	1,3,5-Trimethylbenzene	14.85	105	247	N.D.		
88)	4-Chlorotoluene	15.27	91	821	N.D.		
89)	tert-Butylbenzene	15.49	119	707	N.D.		
90)	Pentachloroethane	15.53	167	156	Below Cal	#	42
91)	1,2,4-Trimethylbenzene	15.58	105	868	N.D.		
92)	s-Butylbenzene	15.70	105	798	N.D.		
93)	1,3-Dichlorobenzene	16.02	146	905	N.D.		
94)	p-Isopropyltoluene	15.85	119	1522	N.D.		
95)	1,4-Dichlorobenzene	16.12	146	808	N.D.		
96)	n-Butylbenzene	16.36	91	1220	N.D.		
97)	1,2-Dichlorobenzene	16.51	146	176	N.D.		
98)	DBCP	17.47	157	418	N.D.		
99)	1,2,4-Trichlorobenzene	18.49	180	1094	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GK\11GK017.D
Acq On : 16 Jul 2007 19:38
Sample : b705885-03 RE1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 17 11:33 2007

Vial: 17
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGF

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
100) Hexachlorobutadiene	18.40	225	313	N.D.	
101) Naphthalene	19.16	128	514	N.D.	
102) 1,2,3-Trichlorobenzene	19.22	180	974	N.D.	

(#) = qualifier out of range (m) = manual integration

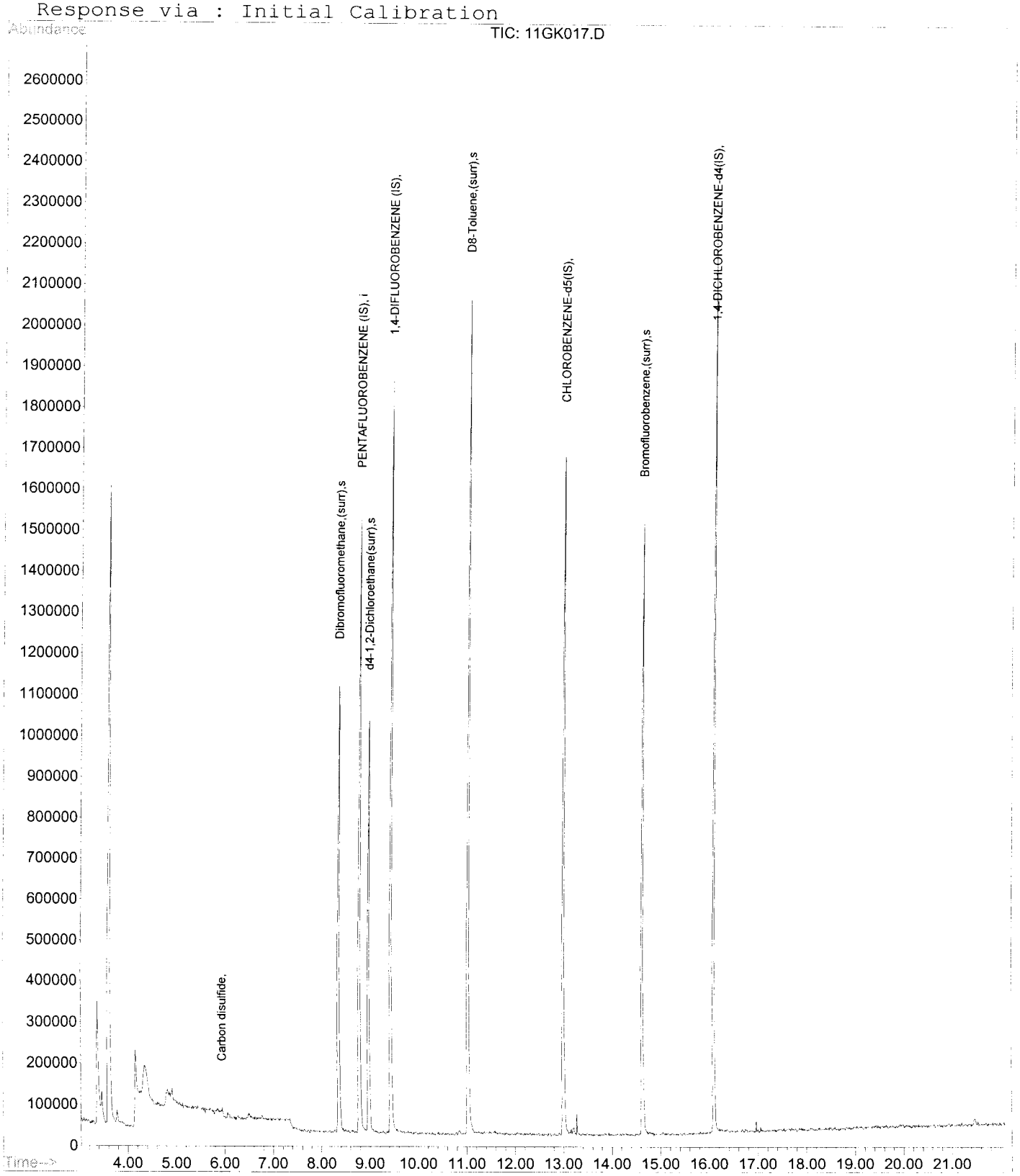
Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GK\11GK017.D
Acq On : 16 Jul 2007 19:38
Sample : b705885-03 RE1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 17 11:33 2007

Vial: 17
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF039.D
Acq On : 12 Jul 2007 11:33
Sample : b705885-04
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:53 2007

Vial: 39
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.80	168	641993	50.00 ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	9.44	114	1038840	50.00 ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.01	117	950453	50.00 ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.11	152	575720	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	8.36	113	510101	54.57 ug/L	0.00
Spiked Amount 50.000 Range 71 - 136			Recovery = 109.14%		
44) d4-1,2-Dichloroethane(surr	8.98	65	708207	56.25 µg/L	0.00
Spiked Amount 50.000 Range 70 - 130			Recovery = 112.50%		
58) D8-Toluene (surr)	11.04	98	1197594	50.50 ug/L	0.00
Spiked Amount 50.000 Range 75 - 126			Recovery = 101.00%		
79) Bromofluorobenzene (surr)	14.63	95	647887	58.34 ug/L	0.00
Spiked Amount 50.000 Range 76 - 120			Recovery = 116.68%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.91	85	210	0.01 ug/L #	26
3) Chloromethane	4.15	50	25993	Below Cal #	50
4) Vinyl Chloride	4.35	62	663	0.05 ug/L #	1
5) Bromomethane	0.00	94	0	N.D. d	
6) Chloroethane	5.13	64	803	Below Cal #	36
7) Trichlorofluoromethane	5.20	101	213	0.01 ug/L #	1
8) Diethyl ether	5.55	59	549	0.05 µg/L #	100
9) Ethanol	0.00	45	0	N.D. d	
10) 1,2-Dichloro-1,1,2-triflur	6.89	117	192	No Calib	
11) acrolein	0.00	56	0	N.D. d	
12) 1,1,2Trichloro-1,2,2triflu	5.85	151	374	0.05 ug/L #	67
13) 1,1-Dichloroethene	5.84	96	716	0.08 ug/L #	2
14) Acetone	6.54	43	30378	0.08 ug/L	93
15) Iodomethane	6.07	142	7055	Below Cal #	66
16) Carbon disulfide	5.95	76	22526	0.89 ug/L	97
17) Methyl acetate	0.00	43	0	N.D. d	
18) Acetonitrile	7.07	41	22674	Below Cal #	43
19) 3-chloropropene	0.00	41	0	N.D. d	
20) Methylene Chloride	6.47	84	15429	Below Cal #	1
21) Acrylonitrile	0.00	53	0	N.D. d	
22) Methyl tert-butyl ether	6.76	73	1097	0.03 ug/L #	1
23) t-1,2-Dichloroethene	6.65	96	553	0.06 ug/L #	1
24) 1,1-Dichloroethane	7.33	63	2750	0.14 ug/L #	1
25) Vinyl Acetate	0.00	43	0	N.D. d	
26) Isopropyl ether	6.92	45	908	0.02 ug/L	94
27) Chloroprene	7.29	88	247	0.03 ug/L #	86
28) 2-Butanone	0.00	72	0	N.D. d	
29) c-1,2-Dichloroethene	7.83	96	873	0.10 ug/L	91
30) 2,2-Dichloropropane	8.05	77	685	0.05 ug/L	87
31) Cyclohexane	0.00	84	0	N.D. d	
32) Propionitrile	0.00	54	0	N.D. d	
33) Methacrylonitrile	0.00	41	0	N.D.	
34) Bromochloromethane	8.15	128	232	0.06 ug/L #	12
35) Chloroform	0.00	83	0	N.D. d	
36) Dibromofluoromethane	8.36	113	510101	54.57 ug/L	86
38) 1,1,1-Trichloroethane	8.39	97	1388	0.09 ug/L #	17
39) 1,1-Dichloropropene	8.63	75	1653	0.13 ug/L #	1
40) Isobutyl alcohol	0.00	43	0	N.D. d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF039.D
Acq On : 12 Jul 2007 11:33
Sample : b705885-04
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:53 2007

Vial: 39
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
42)	Carbon Tetrachloride	8.37	117	236	0.02 ug/L #	1
43)	d4-1,2-Dichloroethane	8.98	65	708207	56.25 µg/L #	84
45)	1,2-Dichloroethane	9.07	62	480	0.03 ug/L #	5
46)	Benzene	8.85	78	26968	0.88 ug/L	92
47)	Methyl cyclohexane	9.47	83	301159	23.05 µg/L #	100
48)	Trichloroethene	9.46	130	514	0.07 ug/L #	1
49)	1,2-Dichloropropane	10.06	63	1139	0.13 ug/L #	21
50)	Methyl methacrylate	0.00	69	0	N.D. d	
51)	1,4-Dioxane	0.00	88	0	N.D. d	
52)	Dibromomethane	9.92	93	1212	0.17 ug/L #	1
53)	Bromodichloromethane	10.08	83	2343	0.16 ug/L #	26
54)	2-Chloroethyl vinyl ether	0.00	63	0	N.D. d	
55)	C-1,3-Dichloropropene	10.80	75	971	0.07 ug/L #	1
56)	4-Methyl-2-pentanone	11.46	100	218	0.17 ug/L #	1
57)	D8-Toluene	11.04	98	1197594	50.50 ug/L	99
60)	Toluene	11.10	92	11521	0.60 ug/L	92
61)	T-1,3-Dichloropropene	11.53	75	538	0.04 ug/L #	1
62)	Ethyl methacrylate	0.00	69	0	N.D. d	
63)	1,1,2-Trichloroethane	0.00	97	0	N.D. d	
64)	1,3-Dichloropropane	12.17	76	61	0.00 ug/L #	1
65)	Tetrachloroethene	0.00	164	0	N.D. d	
66)	2-Hexanone	0.00	43	0	N.D. d	
67)	Dibromochloromethane	12.04	129	145	0.01 ug/L #	50
68)	1,2-Dibromoethane	12.40	107	758	0.08 ug/L #	1
69)	Chlorobenzene	13.00	112	644	0.03 ug/L	94
70)	1,1,1,2-Tetrachloroethane	12.94	131	238	0.03 ug/L	91
71)	Ethylbenzene	13.01	106	39714m	3.90 ug/L	
72)	m-xylene & p-xylene	13.20	106	4351	0.35 ug/L #	32
73)	O-Xylene	13.79	106	3452	0.31 ug/L	83
74)	Styrene	13.88	104	417	Below Cal #	43
75)	Bromoform	13.96	173	156	0.02 ug/L	95
76)	Isopropylbenzene	14.19	105	26069206	932.52 ug/L #	24
77)	C-1,4-Dichloro-2-butene	0.00	53	0	N.D. d	
78)	Bromofluorobenzene	14.63	95	647887	58.34 ug/L	86
80)	1,1,2,2-Tetrachloroethane	14.87	83	621	0.05 ug/L #	28
81)	Bromobenzene	14.83	156	428	0.05 ug/L	82
82)	1,2,3-Trichloropropane	15.06	75	840	0.05 ug/L #	97
83)	T-1,4-Dichloro-2-Butene	0.00	53	0	N.D. d	
84)	n-Propylbenzene	14.77	91	4764979	116.83 ug/L	90
86)	2-Chlorotoluene	15.05	91	5442	0.16 ug/L #	1
87)	1,3,5-Trimethylbenzene	0.00	105	0	N.D. d	
88)	4-Chlorotoluene	0.00	91	0	N.D. d	
89)	tert-Butylbenzene	15.49	119	233867	9.84 ug/L	89
90)	Pentachloroethane	15.60	167	64	Below Cal #	1
91)	1,2,4-Trimethylbenzene	15.56	105	4953m	0.16 ug/L	
92)	s-Butylbenzene	15.71	105	187268	4.96 ug/L	90
93)	1,3-Dichlorobenzene	16.03	146	1169	0.06 ug/L #	70
94)	p-Isopropyltoluene	15.85	119	17846	0.61 ug/L	89
95)	1,4-Dichlorobenzene	16.13	146	1055	0.05 ug/L #	1
96)	n-Butylbenzene	16.36	91	26244	0.79 ug/L	95
97)	1,2-Dichlorobenzene	16.64	146	607	0.03 ug/L #	19
98)	DBCP	17.66	157	142	0.05 ug/L #	70
99)	1,2,4-Trichlorobenzene	18.51	180	758	0.07 ug/L #	47

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF039.D
Acq On : 12 Jul 2007 11:33
Sample : b705885-04
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:53 2007

Vial: 39
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
100) Hexachlorobutadiene	18.41	225	286	0.06 ug/L #	1
101) Naphthalene	18.97	128	118425	4.17 ug/L	100
102) 1,2,3-Trichlorobenzene	19.24	180	378	0.04 ug/L #	30

(#) = qualifier out of range (m) = manual integration

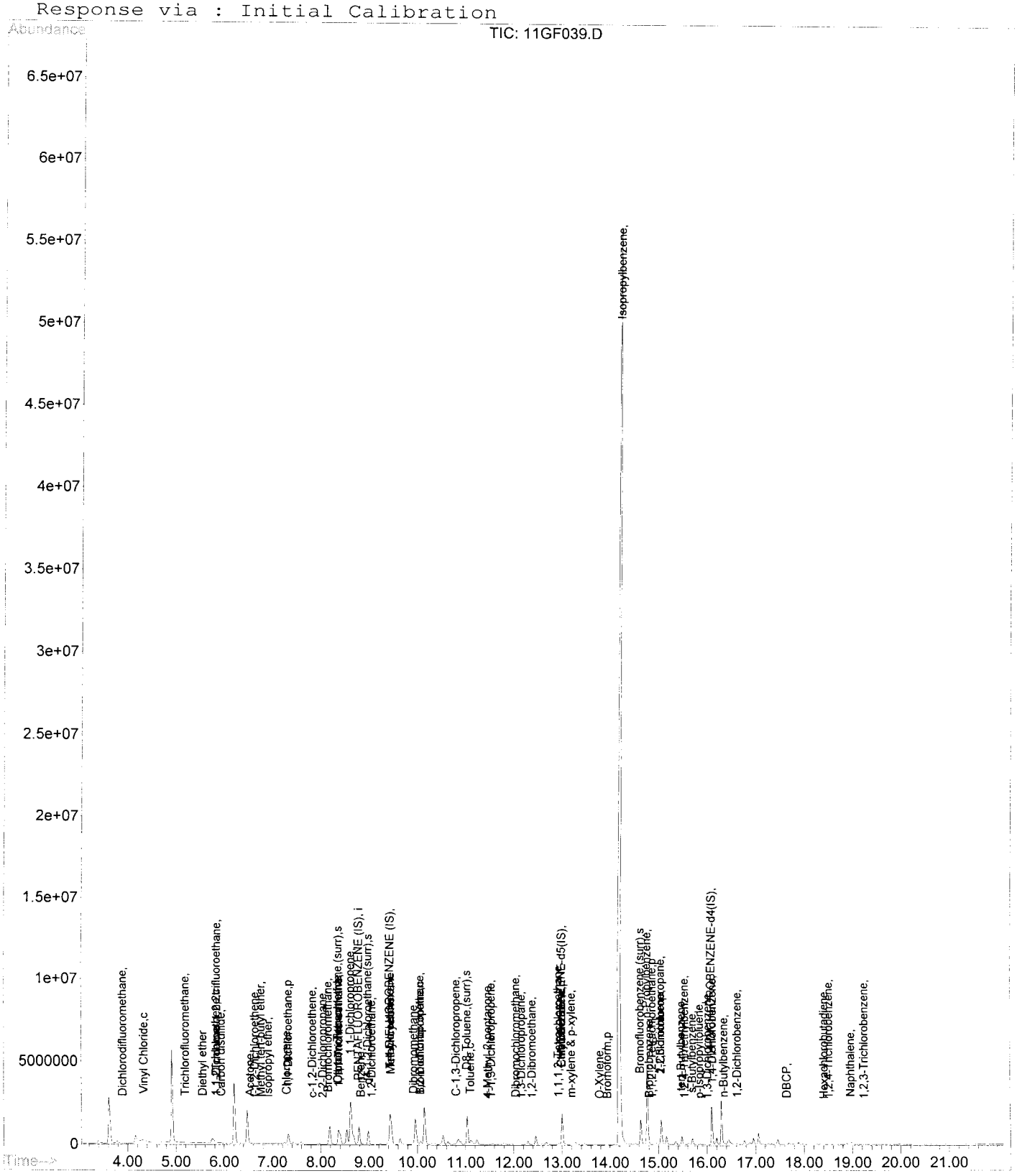
Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GF\11GF039.D
Acq On : 12 Jul 2007 11:33
Sample : b705885-04
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:53 2007

Vial: 39
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF040.D
Acq On : 12 Jul 2007 12:05
Sample : b705885-05
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:54 2007

Vial: 40
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.80	168	667326	50.00 ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	9.44	114	1051211	50.00 ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.01	117	854898	50.00 ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.11	152	409293	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	8.36	113	551603	56.77 ug/L	0.00
Spiked Amount 50.000 Range 71 - 136 Recovery = 113.54%					
44) d4-1,2-Dichloroethane(surr	8.98	65	736318	57.79 µg/L	0.00
Spiked Amount 50.000 Range 70 - 130 Recovery = 115.58%					
58) D8-Toluene (surr)	11.04	98	1144750	47.70 ug/L	0.00
Spiked Amount 50.000 Range 75 - 126 Recovery = 95.40%					
79) Bromofluorobenzene (surr)	14.64	95	509164	50.98 ug/L	0.00
Spiked Amount 50.000 Range 76 - 120 Recovery = 101.96%					

Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.91	85	589	0.04 ug/L	82
3) Chloromethane	4.24	50	8347	Below Cal	69
4) Vinyl Chloride	0.00	62	0	N.D. d	
5) Bromomethane	0.00	94	0	N.D. d	
6) Chloroethane	5.19	64	2802	Below Cal	81
7) Trichlorofluoromethane	5.20	101	311	0.02 ug/L #	1
8) Diethyl ether	5.54	59	600	0.06 µg/L #	100
9) Ethanol	0.00	45	0	N.D. d	
10) 1,2-Dichloro-1,1,2-triflur	6.76	117	237	No Calib #	
11) acrolein	0.00	56	0	N.D. d	
12) 1,1,2Trichloro-1,2,2triflu	5.86	151	115	0.02 ug/L #	1
13) 1,1-Dichloroethene	0.00	96	0	N.D. d	
14) Acetone	6.54	43	23313	Below Cal	72
15) Iodomethane	6.08	142	6495	Below Cal #	60
16) Carbon disulfide	5.96	76	28503	1.09 ug/L	96
17) Methyl acetate	6.63	43	1084	0.07 µg/L #	100
18) Acetonitrile	7.08	41	3233	Below Cal #	1
19) 3-chloropropene	0.00	41	0	N.D. d	
20) Methylene Chloride	6.50	84	4108	Below Cal #	74
21) Acrylonitrile	0.00	53	0	N.D. d	
22) Methyl tert-butyl ether	6.75	73	1250	0.04 ug/L	58
23) t-1,2-Dichloroethene	6.67	96	941	0.09 ug/L #	57
24) 1,1-Dichloroethane	7.17	63	1167	0.06 ug/L	90
25) Vinyl Acetate	7.59	43	1398	0.05 ug/L	94
26) Isopropyl ether	7.03	45	1539	0.04 ug/L	91
27) Chloroprene	7.31	88	330	0.04 ug/L	100
28) 2-Butanone	0.00	72	0	N.D. d	
29) c-1,2-Dichloroethene	7.91	96	2780	0.30 ug/L	93
30) 2,2-Dichloropropane	8.05	77	848	0.06 ug/L	85
31) Cyclohexane	8.17	84	1116	0.10 µg/L #	100
32) Propionitrile	0.00	54	0	N.D. d	
33) Methacrylonitrile	8.88	41	695	0.07 ug/L #	18
34) Bromochloromethane	8.13	128	61	0.02 ug/L #	43
35) Chloroform	8.18	83	469	0.02 ug/L	85
36) Dibromofluoromethane	8.36	113	551603	56.77 ug/L	87
38) 1,1,1-Trichloroethane	8.43	97	76	0.00 ug/L #	57
39) 1,1-Dichloropropene	0.00	75	0	N.D.	
40) Isobutyl alcohol	6.63	43	1242	0.07 ug/L #	1

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF040.D
Acq On : 12 Jul 2007 12:05
Sample : b705885-05
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:54 2007

Vial: 40
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
42) Carbon Tetrachloride	8.34	117	105	0.01 ug/L #	35
43) d4-1,2-Dichloroethane	8.98	65	736318	57.79 µg/L #	86
45) 1,2-Dichloroethane	9.05	62	197	0.01 ug/L #	1
46) Benzene	8.83	78	2602	0.08 ug/L	90
47) Methyl cyclohexane	0.00	83	0	N.D. d	
48) Trichloroethene	9.44	130	585	0.08 ug/L	86
49) 1,2-Dichloropropane	10.07	63	164	0.02 ug/L #	1
50) Methyl methacrylate	10.34	69	197	0.03 ug/L	76
51) 1,4-Dioxane	0.00	88	0	N.D. d	
52) Dibromomethane	9.97	93	269	0.04 ug/L #	35
53) Bromodichloromethane	10.04	83	178	0.01 ug/L #	47
54) 2-Chloroethyl vinyl ether	0.00	63	0	N.D. d	
55) C-1,3-Dichloropropene	10.81	75	511	0.04 ug/L #	1
56) 4-Methyl-2-pentanone	11.52	100	72	0.06 ug/L #	1
57) D8-Toluene	11.04	98	1144750	47.70 ug/L	99
60) Toluene	11.11	92	2114	0.12 ug/L	95
61) T-1,3-Dichloropropene	11.41	75	460	0.04 ug/L	74
62) Ethyl methacrylate	11.63	69	709	0.06 ug/L #	32
63) 1,1,2-Trichloroethane	11.75	97	141	0.02 ug/L #	81
64) 1,3-Dichloropropane	12.17	76	47	0.00 ug/L #	41
65) Tetrachloroethene	0.00	164	0	N.D. d	
66) 2-Hexanone	12.52	43	601	0.08 ug/L #	63
67) Dibromochloromethane	12.02	129	240	0.03 ug/L #	67
68) 1,2-Dibromoethane	12.50	107	128	0.02 ug/L	81
69) Chlorobenzene	13.02	112	445	0.02 ug/L #	28
70) 1,1,1,2-Tetrachloroethane	13.01	131	89	0.01 ug/L	86
71) Ethylbenzene	13.02	106	168	0.02 ug/L #	1
72) m-xylene & p-xylene	13.06	106	68	0.01 ug/L	90
73) O-Xylene	13.78	106	478	0.05 ug/L	82
74) Styrene	13.86	104	609	Below Cal	81
75) Bromoform	13.94	173	100	0.01 ug/L #	68
76) Isopropylbenzene	14.20	105	92284	3.67 ug/L	95
77) C-1,4-Dichloro-2-butene	14.68	53	462	0.12 ug/L #	1
78) Bromofluorobenzene	14.64	95	509164	50.98 ug/L	85
80) 1,1,2,2-Tetrachloroethane	14.80	83	257	0.02 ug/L #	44
81) Bromobenzene	14.83	156	107	0.01 ug/L #	57
82) 1,2,3-Trichloropropane	15.10	75	290	0.02 ug/L #	37
83) T-1,4-Dichloro-2-Butene	15.09	53	474	0.13 ug/L #	86
84) n-Propylbenzene	14.77	91	8743	0.24 ug/L	86
86) 2-Chlorotoluene	15.05	91	992	0.04 ug/L	72
87) 1,3,5-Trimethylbenzene	15.00	105	123	0.01 ug/L	72
88) 4-Chlorotoluene	15.27	91	1078	0.05 ug/L	97
89) tert-Butylbenzene	15.49	119	715	0.04 ug/L #	72
90) Pentachloroethane	15.56	167	30	Below Cal #	26
91) 1,2,4-Trimethylbenzene	15.56	105	781	0.03 ug/L	82
92) s-Butylbenzene	15.71	105	1236	0.05 ug/L	90
93) 1,3-Dichlorobenzene	16.01	146	251	0.02 ug/L #	1
94) p-Isopropyltoluene	15.86	119	903	0.04 ug/L	88
95) 1,4-Dichlorobenzene	16.12	146	506	0.04 ug/L #	1
96) n-Butylbenzene	16.35	91	1063	0.04 ug/L	89
97) 1,2-Dichlorobenzene	16.64	146	80	0.01 ug/L #	1
98) DBCP	17.79	157	119	0.06 ug/L	82
99) 1,2,4-Trichlorobenzene	18.50	180	377	0.05 ug/L #	82

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF040.D
Acq On : 12 Jul 2007 12:05
Sample : b705885-05
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:54 2007

Vial: 40
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
100) Hexachlorobutadiene	18.41	225	109	0.03 ug/L #	1
101) Naphthalene	18.98	128	2475	0.12 ug/L	92
102) 1,2,3-Trichlorobenzene	19.25	180	417	0.06 ug/L #	39

(#) = qualifier out of range (m) = manual integration

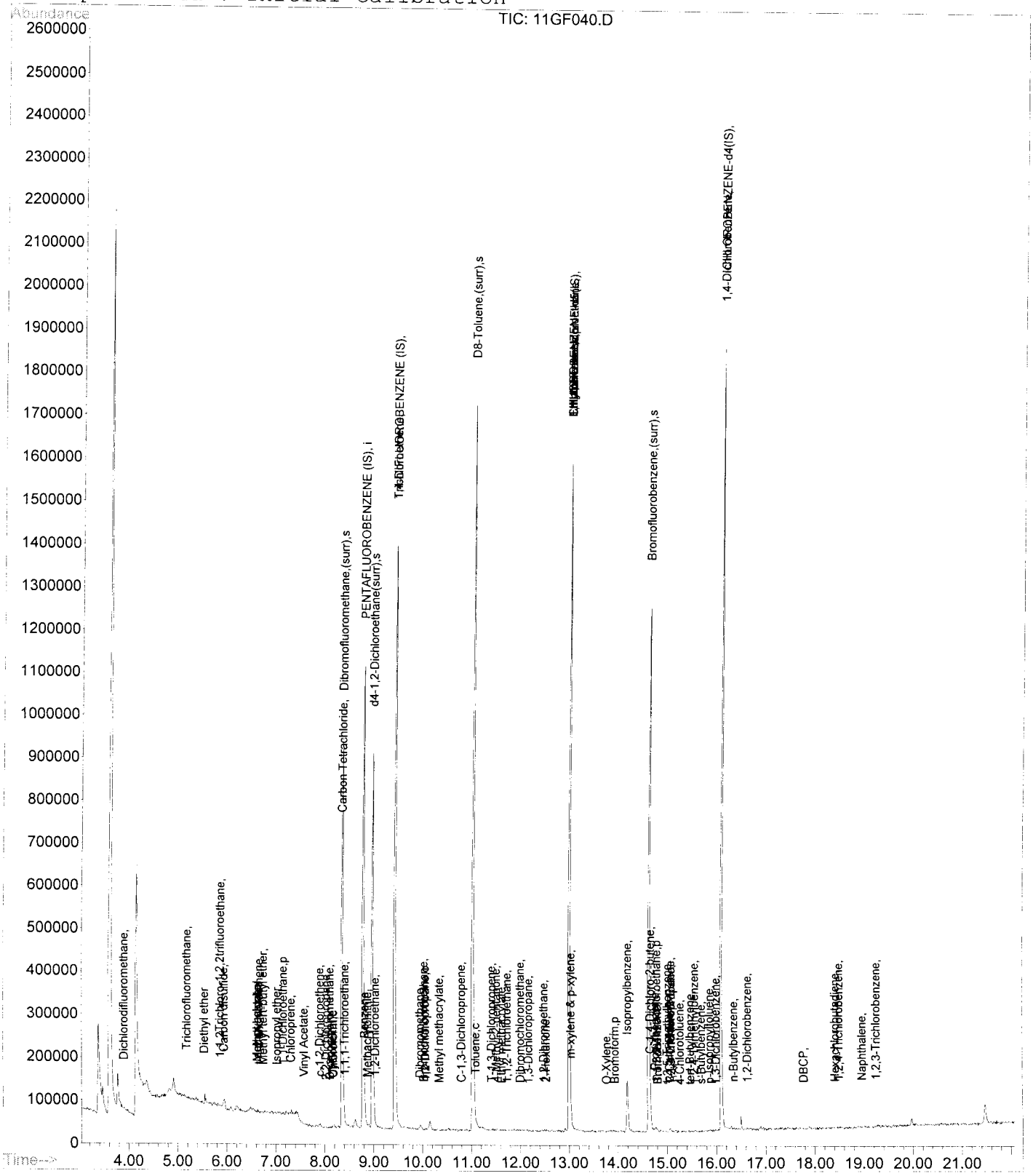
Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GF\11GF040.D
Acq On : 12 Jul 2007 12:05
Sample : b705885-05
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:54 2007

Vial: 40
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF041.D
Acq On : 12 Jul 2007 12:38
Sample : b705885-06
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:55 2007

Vial: 41
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.80	168	618927	50.00 ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	9.44	114	989585	50.00 ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.01	117	769526	50.00 ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.11	152	379672	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	8.36	113	538601	59.77 ug/L	0.00
Spiked Amount 50.000 Range 71 - 136			Recovery = 119.54%		
44) d4-1,2-Dichloroethane(surr	8.98	65	725232	60.46 µg/L	0.00
Spiked Amount 50.000 Range 70 - 130			Recovery = 120.92%		
58) D8-Toluene (surr)	11.04	98	1055761	46.73 ug/L	0.00
Spiked Amount 50.000 Range 75 - 126			Recovery = 93.46%		
79) Bromofluorobenzene (surr)	14.63	95	458756	51.03 ug/L	0.00
Spiked Amount 50.000 Range 76 - 120			Recovery = 102.06%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.89	85	433	0.03 ug/L	86
3) Chloromethane	4.16	50	18083	Below Cal #	54
4) Vinyl Chloride	4.38	62	865	0.07 ug/L #	39
5) Bromomethane	0.00	94	0	N.D. d	
6) Chloroethane	5.17	64	1218	Below Cal	91
7) Trichlorofluoromethane	5.22	101	225	0.01 ug/L #	1
8) Diethyl ether	5.58	59	359	0.04 µg/L #	100
9) Ethanol	0.00	45	0	N.D. d	
10) 1,2-Dichloro-1,1,2-triflur	6.80	117	116	No Calib #	
11) acrolein	0.00	56	0	N.D. d	
12) 1,1,2Trichloro-1,2,2triflu	5.83	151	525	0.08 ug/L #	57
13) 1,1-Dichloroethene	5.83	96	866	0.10 ug/L #	3
14) Acetone	6.54	43	19111	Below Cal	89
15) Iodomethane	6.08	142	6546	Below Cal	79
16) Carbon disulfide	5.96	76	16813	0.69 ug/L	72
17) Methyl acetate	0.00	43	0	N.D. d	
18) Acetonitrile	7.08	41	5477	Below Cal #	4
19) 3-chloropropene	6.22	41	2559	0.13 ug/L	90
20) Methylene Chloride	6.50	84	4798	Below Cal #	76
21) Acrylonitrile	0.00	53	0	N.D. d	
22) Methyl tert-butyl ether	6.91	73	590	0.02 ug/L	97
23) t-1,2-Dichloroethene	6.70	96	1419	0.15 ug/L #	53
24) 1,1-Dichloroethane	7.45	63	717	0.04 ug/L	75
25) Vinyl Acetate	7.56	43	1960	0.07 ug/L	94
26) Isopropyl ether	6.93	45	955	0.02 ug/L	93
27) Chloroprene	7.23	88	232	0.03 ug/L	90
28) 2-Butanone	0.00	72	0	N.D. d	
29) c-1,2-Dichloroethene	7.92	96	520	0.06 ug/L	88
30) 2,2-Dichloropropane	8.09	77	333	0.02 ug/L	85
31) Cyclohexane	8.16	84	146	0.01 µg/L #	100
32) Propionitrile	0.00	54	0	N.D. d	
33) Methacrylonitrile	8.87	41	846	0.09 ug/L #	18
34) Bromochloromethane	8.13	128	66	0.02 ug/L	98
35) Chloroform	8.16	83	92	0.00 ug/L	77
36) Dibromofluoromethane	8.36	113	538601	59.77 ug/L	85
38) 1,1,1-Trichloroethane	8.44	97	138	0.01 ug/L #	49
39) 1,1-Dichloropropene	0.00	75	0	N.D.	
40) Isobutyl alcohol	0.00	43	0	N.D. d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF041.D Vial: 41
Acq On : 12 Jul 2007 12:38 Operator: ds
Sample : b705885-06 Inst : JVGCMS2
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:55 2007 Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
42)	Carbon Tetrachloride	8.37	117	221	0.02 ug/L	#	1
43)	d4-1,2-Dichloroethane	8.98	65	725232	60.46 µg/L	#	85
45)	1,2-Dichloroethane	9.06	62	609	0.04 ug/L	#	9
46)	Benzene	8.86	78	2627	0.09 ug/L		82
47)	Methyl cyclohexane	0.00	83	0	N.D. d		
48)	Trichloroethene	9.44	130	306	0.04 ug/L	#	37
49)	1,2-Dichloropropane	10.05	63	179	0.02 ug/L	#	64
50)	Methyl methacrylate	10.06	69	180	0.03 ug/L		98
51)	1,4-Dioxane	0.00	88	0	N.D. d		
52)	Dibromomethane	9.78	93	50	0.01 ug/L		88
53)	Bromodichloromethane	10.09	83	476	0.03 ug/L	#	27
54)	2-Chloroethyl vinyl ether	0.00	63	0	N.D. d		
55)	C-1,3-Dichloropropene	10.82	75	490	0.04 ug/L	#	1
56)	4-Methyl-2-pentanone	0.00	100	0	N.D. d		
57)	D8-Toluene	11.04	98	1055761	46.73 ug/L		99
60)	Toluene	11.11	92	1617	0.10 ug/L	#	61
61)	T-1,3-Dichloropropene	11.58	75	260	0.02 ug/L	#	1
62)	Ethyl methacrylate	11.69	69	414	0.04 ug/L	#	77
63)	1,1,2-Trichloroethane	11.79	97	85	0.01 ug/L	#	1
64)	1,3-Dichloropropane	12.15	76	161	0.01 ug/L	#	1
65)	Tetrachloroethene	0.00	164	0	N.D. d		
66)	2-Hexanone	12.53	43	1173	0.17 ug/L		84
67)	Dibromochloromethane	11.87	129	188	0.02 ug/L		85
68)	1,2-Dibromoethane	12.23	107	152	0.02 ug/L		82
69)	Chlorobenzene	13.21	112	200	0.01 ug/L		82
70)	1,1,1,2-Tetrachloroethane	13.09	131	35	0.01 ug/L	#	1
71)	Ethylbenzene	13.09	106	117	0.01 ug/L		97
72)	m-xylene & p-xylene	13.12	106	56	0.01 ug/L		85
73)	O-Xylene	13.77	106	36	0.00 ug/L	#	1
74)	Styrene	13.87	104	341	Below Cal	#	59
75)	Bromoform	13.95	173	86	0.01 ug/L	#	19
76)	Isopropylbenzene	14.19	105	18019	0.80 ug/L		96
77)	C-1,4-Dichloro-2-butene	0.00	53	0	N.D. d		
78)	Bromofluorobenzene	14.63	95	458756	51.03 ug/L		84
80)	1,1,2,2-Tetrachloroethane	14.87	83	450	0.04 ug/L	#	52
81)	Bromobenzene	14.84	156	306	0.04 ug/L	#	58
82)	1,2,3-Trichloropropane	15.09	75	441	0.03 ug/L	#	40
83)	T-1,4-Dichloro-2-Butene	15.10	53	427	0.13 ug/L	#	34
84)	n-Propylbenzene	14.77	91	2256	0.07 ug/L		82
86)	2-Chlorotoluene	14.92	91	147	0.01 ug/L		71
87)	1,3,5-Trimethylbenzene	15.05	105	101	0.01 ug/L		93
88)	4-Chlorotoluene	15.39	91	304	0.02 ug/L		82
89)	tert-Butylbenzene	15.48	119	1225	0.08 ug/L		82
90)	Pentachloroethane	15.57	167	74	Below Cal		83
91)	1,2,4-Trimethylbenzene	15.44	105	254	0.01 ug/L		78
92)	s-Butylbenzene	15.55	105	445	0.02 ug/L		94
93)	1,3-Dichlorobenzene	16.02	146	146	0.01 ug/L	#	1
94)	p-Isopropyltoluene	15.85	119	592	0.03 ug/L	#	1
95)	1,4-Dichlorobenzene	16.12	146	742	0.06 ug/L	#	1
96)	n-Butylbenzene	16.37	91	1055	0.05 ug/L	#	36
97)	1,2-Dichlorobenzene	16.64	146	102	0.01 ug/L	#	1
98)	DBCP	17.65	157	47	0.03 ug/L		100
99)	1,2,4-Trichlorobenzene	18.51	180	280	0.04 ug/L	#	9

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF041.D Vial: 41
Acq On : 12 Jul 2007 12:38 Operator: ds
Sample : b705885-06 Inst : JVGCMS2
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:55 2007 Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
100) Hexachlorobutadiene	18.47	225	43	0.01 ug/L #	1
101) Naphthalene	18.99	128	508	0.03 ug/L #	66
102) 1,2,3-Trichlorobenzene	19.26	180	236	0.03 ug/L #	36

(#) = qualifier out of range (m) = manual integration

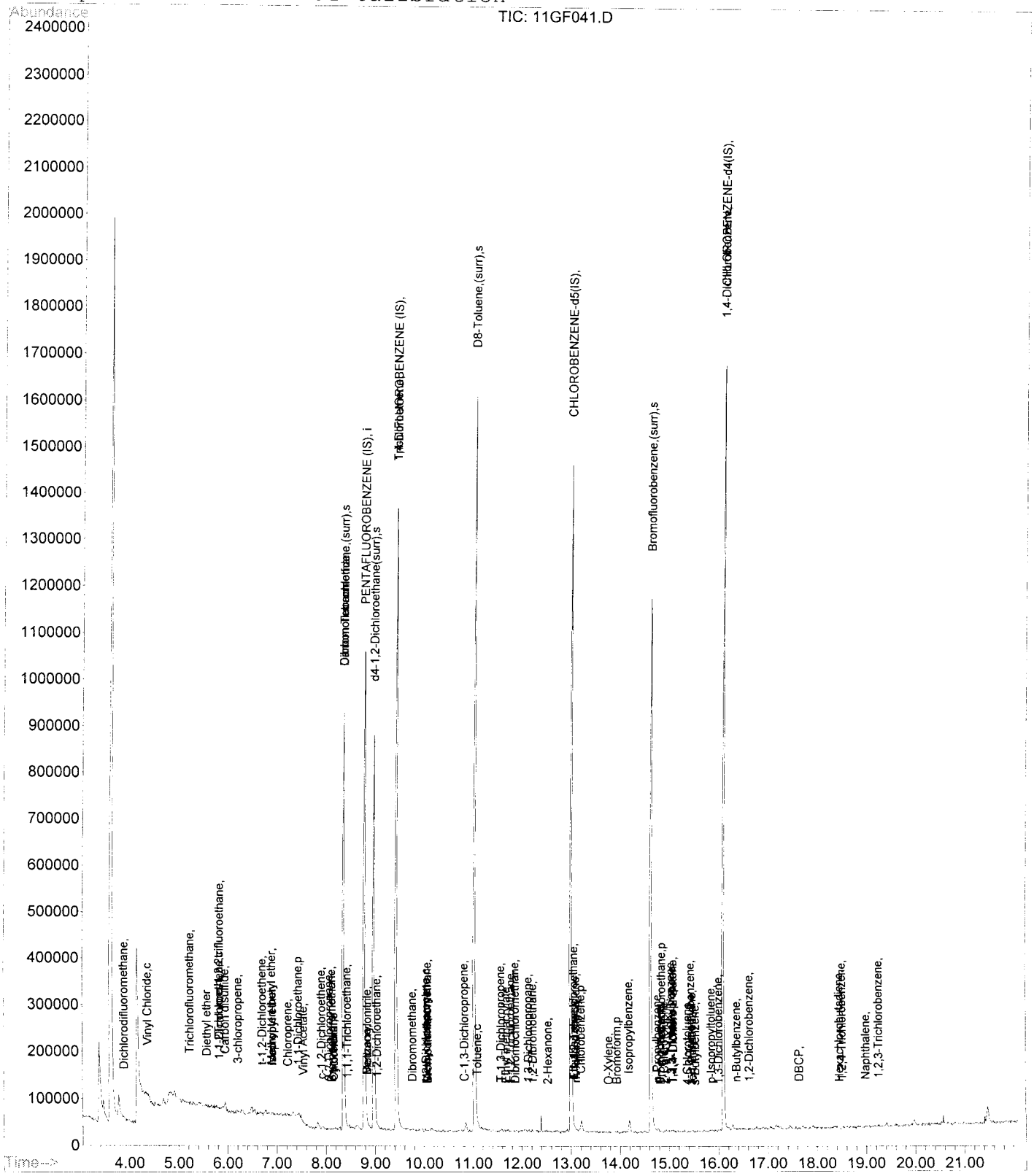
Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GF\11GF041.D
Acq On : 12 Jul 2007 12:38
Sample : b705885-06
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:55 2007

Vial: 41
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GK\11GK020.D
Acq On : 16 Jul 2007 21:15
Sample : b705885-06 RE1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 17 11:37 2007

Vial: 20
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGF

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.79	168	836829	50.00 ug/L	-0.01
41) 1,4-DIFLUOROBENZENE (IS)	9.43	114	1287343	50.00 ug/L	-0.01
59) CHLOROBENZENE-d5(IS)	13.00	117	892300	50.00 ug/L	-0.01
85) 1,4-DICHLOROBENZENE-d4(IS)	16.10	152	453341	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	8.36	113	687750	56.45 ug/L	-0.01
Spiked Amount 50.000 Range 71 - 136 Recovery = 112.90%					
44) d4-1,2-Dichloroethane(surr	8.98	65	893447	57.26 µg/L	-0.01
Spiked Amount 50.000 Range 70 - 130 Recovery = 114.52%					
58) D8-Toluene (surr)	11.03	98	1285839	43.75 ug/L	-0.01
Spiked Amount 50.000 Range 75 - 126 Recovery = 87.50%					
79) Bromofluorobenzene (surr)	14.64	95	539562	51.76 ug/L	0.00
Spiked Amount 50.000 Range 76 - 120 Recovery = 103.52%					

Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.89	85	252	N.D.	
3) Chloromethane	4.24	50	3062	Below Cal	75
4) Vinyl Chloride	4.37	62	579	N.D.	
5) Bromomethane	0.00	94	0	N.D. d	
6) Chloroethane	5.00	64	7615	Below Cal #	56
7) Trichlorofluoromethane	5.21	101	339	N.D.	
8) Diethyl ether	5.54	59	662	N.D.	
9) Ethanol	0.00	45	0	N.D. d	
10) 1,2-Dichloro-1,1,2-triflur	6.65	117	553	No Calib	
11) acrolein	0.00	56	0	N.D. d	
12) 1,1,2Trichloro-1,2,2triflu	5.87	151	372	N.D.	
13) 1,1-Dichloroethene	5.83	96	1708	N.D.	
14) Acetone	6.53	43	11829	Below Cal	98
15) Iodomethane	6.07	142	8093	Below Cal #	68
16) Carbon disulfide	5.95	76	19528	0.59 ug/L	82
17) Methyl acetate	6.65	43	1805	N.D.	
18) Acetonitrile	7.09	41	2305	Below Cal #	25
19) 3-chloropropene	6.37	41	2799	N.D.	
20) Methylene Chloride	6.50	84	4170	Below Cal #	79
21) Acrylonitrile	7.41	53	666	N.D.	
22) Methyl tert-butyl ether	6.71	73	1412	N.D.	
23) t-1,2-Dichloroethene	6.86	96	384	N.D.	
24) 1,1-Dichloroethane	7.36	63	852	N.D.	
25) Vinyl Acetate	7.53	43	2229	N.D.	
26) Isopropyl ether	7.14	45	1368	N.D.	
27) Chloroprene	7.30	88	237	N.D.	
28) 2-Butanone	0.00	72	0	N.D. d	
29) c-1,2-Dichloroethene	7.91	96	999	N.D.	
30) 2,2-Dichloropropane	8.07	77	472	N.D.	
31) Cyclohexane	8.12	84	650	N.D.	
32) Propionitrile	8.89	54	253	N.D.	
33) Methacrylonitrile	8.87	41	669	N.D.	
34) Bromochloromethane	8.11	128	265	N.D.	
35) Chloroform	8.06	83	183	N.D.	
36) Dibromofluoromethane	8.36	113	687750	56.45 ug/L	86
38) 1,1,1-Trichloroethane	8.47	97	257	N.D.	
39) 1,1-Dichloropropene	0.00	75	0	N.D.	
40) Isobutyl alcohol	0.00	43	0	N.D. d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GK\11GK020.D
Acq On : 16 Jul 2007 21:15
Sample : b705885-06 RE1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 17 11:37 2007

Vial: 20
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGF

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
42) Carbon Tetrachloride	8.37	117	245	N.D.	
43) d4-1,2-Dichloroethane	8.98	65	893447	57.26 µg/L #	89
45) 1,2-Dichloroethane	9.03	62	1025	N.D.	
46) Benzene	8.89	78	629	N.D.	
47) Methyl cyclohexane	0.00	83	0	N.D. d	
48) Trichloroethene	9.45	130	407	N.D.	
49) 1,2-Dichloropropane	10.08	63	179	N.D.	
50) Methyl methacrylate	10.04	69	533	N.D.	
51) 1,4-Dioxane	0.00	88	0	N.D. d	
52) Dibromomethane	9.94	93	451	N.D.	
53) Bromodichloromethane	10.08	83	642	N.D.	
54) 2-Chloroethyl vinyl ether	0.00	63	0	N.D. d	
55) C-1,3-Dichloropropene	10.80	75	142	N.D.	
56) 4-Methyl-2-pentanone	11.54	100	245	N.D.	
57) D8-Toluene	11.03	98	1285839	43.75 ug/L	99
60) Toluene	11.09	92	1520	N.D.	
61) T-1,3-Dichloropropene	11.53	75	666	N.D.	
62) Ethyl methacrylate	11.82	69	574	N.D.	
63) 1,1,2-Trichloroethane	11.79	97	561	N.D.	
64) 1,3-Dichloropropane	12.30	76	326	N.D.	
65) Tetrachloroethene	0.00	164	0	N.D. d	
66) 2-Hexanone	12.72	43	343	N.D.	
67) Dibromochloromethane	11.99	129	44	N.D.	
68) 1,2-Dibromoethane	12.43	107	118	N.D.	
69) Chlorobenzene	13.04	112	328	N.D.	
70) 1,1,1,2-Tetrachloroethane	13.14	131	31	N.D.	
71) Ethylbenzene	13.05	106	91	N.D.	
72) m-xylene & p-xylene	13.38	106	41	N.D.	
73) O-Xylene	13.79	106	162	N.D.	
74) Styrene	13.84	104	196	Below Cal #	1
75) Bromoform	13.93	173	183	N.D.	
76) Isopropylbenzene	14.16	105	214	N.D.	
77) C-1,4-Dichloro-2-butene	14.69	53	444	N.D.	
78) Bromofluorobenzene	14.64	95	539562	51.76 ug/L	85
80) 1,1,2,2-Tetrachloroethane	14.87	83	74	N.D.	
81) Bromobenzene	14.81	156	100	N.D.	
82) 1,2,3-Trichloropropane	15.11	75	910	N.D.	
83) T-1,4-Dichloro-2-Butene	15.09	53	267	N.D.	
84) n-Propylbenzene	14.76	91	625	N.D.	
86) 2-Chlorotoluene	15.05	91	213	N.D.	
87) 1,3,5-Trimethylbenzene	15.00	105	128	N.D.	
88) 4-Chlorotoluene	15.28	91	635	N.D.	
89) tert-Butylbenzene	15.48	119	1808	N.D.	
90) Pentachloroethane	15.47	167	99	Below Cal	80
91) 1,2,4-Trimethylbenzene	15.65	105	208	N.D.	
92) s-Butylbenzene	15.70	105	547	N.D.	
93) 1,3-Dichlorobenzene	16.01	146	95	N.D.	
94) p-Isopropyltoluene	15.85	119	567	N.D.	
95) 1,4-Dichlorobenzene	16.12	146	319	N.D.	
96) n-Butylbenzene	16.36	91	967	N.D.	
97) 1,2-Dichlorobenzene	16.66	146	234	N.D.	
98) DBCP	17.65	157	43	N.D.	
99) 1,2,4-Trichlorobenzene	18.47	180	511	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GK\11GK020.D
Acq On : 16 Jul 2007 21:15
Sample : b705885-06 RE1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 17 11:37 2007

Vial: 20
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGF

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
100) Hexachlorobutadiene	18.42	225	490	N.D.	
101) Naphthalene	18.97	128	792	N.D.	
102) 1,2,3-Trichlorobenzene	19.23	180	232	N.D.	

(#) = qualifier out of range (m) = manual integration

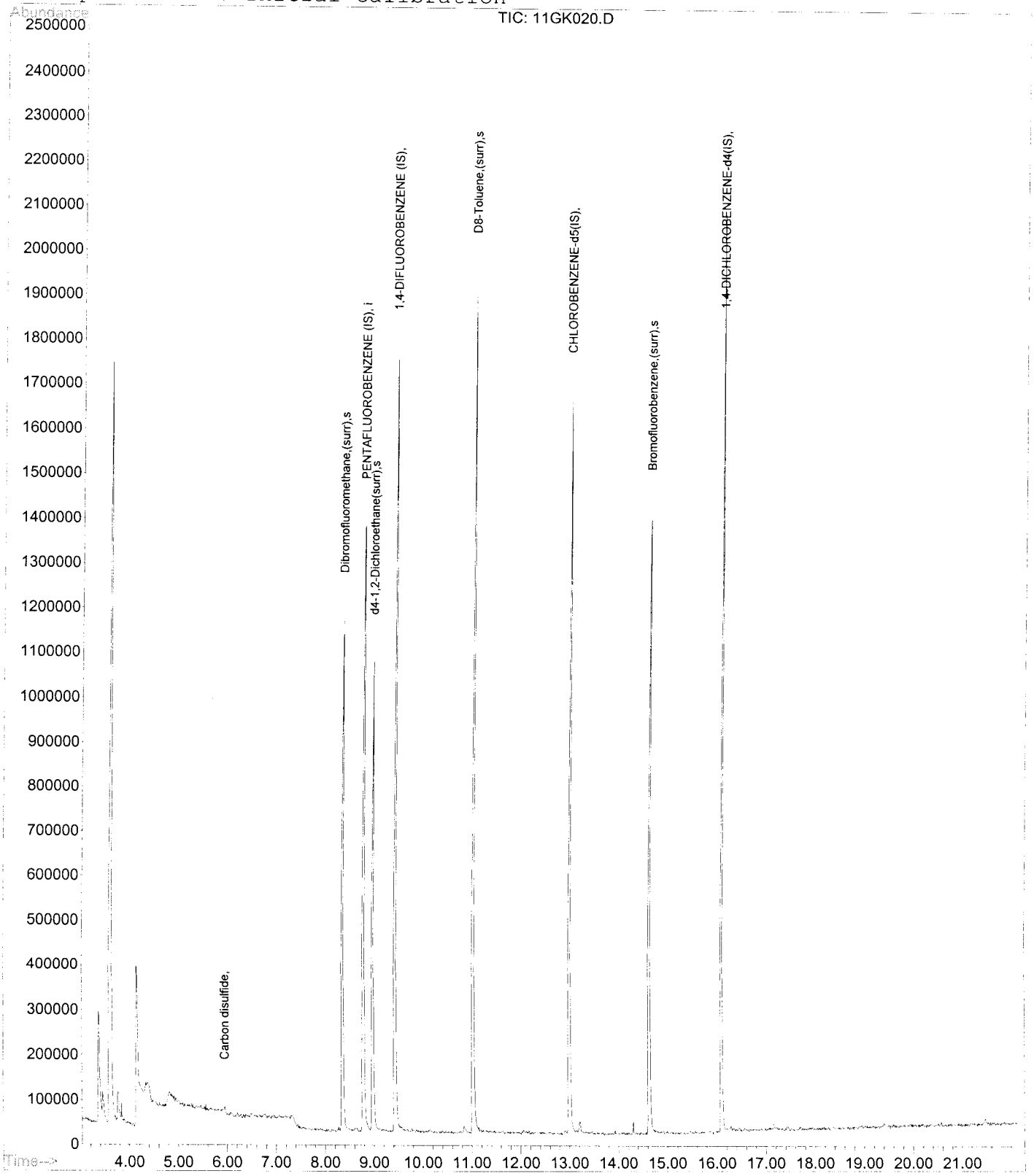
Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GK\11GK020.D
Acq On : 16 Jul 2007 21:15
Sample : b705885-06 RE1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 17 11:37 2007

Vial: 20
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF042.D
Acq On : 12 Jul 2007 13:10
Sample : b705885-07
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:57 2007

Vial: 42
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00
Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.80	168	593352	50.00 ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	9.44	114	947788	50.00 ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.01	117	779576	50.00 ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.11	152	379073	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	8.36	113	500559	57.94 ug/L	0.00
Spiked Amount 50.000 Range 71 - 136			Recovery = 115.88%		
44) d4-1,2-Dichloroethane(surr	8.98	65	682468	59.41 µg/L	0.00
Spiked Amount 50.000 Range 70 - 130			Recovery = 118.82%		
58) D8-Toluene (surr)	11.04	98	1031918	47.69 ug/L	0.00
Spiked Amount 50.000 Range 75 - 126			Recovery = 95.38%		
79) Bromofluorobenzene (surr)	14.63	95	469568	51.56 ug/L	0.00
Spiked Amount 50.000 Range 76 - 120			Recovery = 103.12%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.91	85	261	0.02 ug/L #	34
3) Chloromethane	4.16	50	21124	Below Cal #	55
4) Vinyl Chloride	4.39	62	274	0.02 ug/L #	39
5) Bromomethane	0.00	94	0	N.D. d	
6) Chloroethane	5.09	64	3558	Below Cal	85
7) Trichlorofluoromethane	5.21	101	498	0.03 ug/L #	1
8) Diethyl ether	5.57	59	357	0.04 µg/L #	100
9) Ethanol	0.00	45	0	N.D. d	
10) 1,2-Dichloro-1,1,2-triflur	6.80	117	93	No Calib #	
11) acrolein	0.00	56	0	N.D. d	
12) 1,1,2Trichloro-1,2,2triflu	5.85	151	282	0.04 ug/L #	91
13) 1,1-Dichloroethene	5.84	96	339	0.04 ug/L #	1
14) Acetone	6.54	43	12890	Below Cal	95
15) Iodomethane	6.07	142	8636	Below Cal #	66
16) Carbon disulfide	5.95	76	13243	0.57 ug/L	86
17) Methyl acetate	0.00	43	0	N.D.	
18) Acetonitrile	7.09	41	2451	Below Cal #	1
19) 3-chloropropene	0.00	41	0	N.D. d	
20) Methylene Chloride	6.50	84	4949	Below Cal #	73
21) Acrylonitrile	7.41	53	441	0.17 ug/L #	59
22) Methyl tert-butyl ether	6.88	73	702	0.02 ug/L	95
23) t-1,2-Dichloroethene	6.67	96	1673	0.19 ug/L #	44
24) 1,1-Dichloroethane	7.41	63	1353	0.07 ug/L	72
25) Vinyl Acetate	0.00	43	0	N.D. d	
26) Isopropyl ether	7.05	45	915	0.02 ug/L	100
27) Chloroprene	7.32	88	331	0.05 ug/L #	32
28) 2-Butanone	0.00	72	0	N.D. d	
29) c-1,2-Dichloroethene	7.89	96	270	0.03 ug/L #	54
30) 2,2-Dichloropropane	8.01	77	569	0.04 ug/L	90
31) Cyclohexane	8.19	84	1372	0.14 µg/L #	100
32) Propionitrile	8.87	54	313	0.19 ug/L #	69
33) Methacrylonitrile	8.89	41	1635	0.18 ug/L #	18
34) Bromochloromethane	8.30	128	35	0.01 ug/L	93
35) Chloroform	0.00	83	0	N.D. d	
36) Dibromofluoromethane	8.36	113	500559	57.94 ug/L	85
38) 1,1,1-Trichloroethane	8.40	97	341	0.02 ug/L #	38
39) 1,1-Dichloropropene	0.00	75	0	N.D.	
40) Isobutyl alcohol	0.00	43	0	N.D. d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF042.D
Acq On : 12 Jul 2007 13:10
Sample : b705885-07
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:57 2007

Vial: 42
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
42)	Carbon Tetrachloride	8.36	117	218	0.02 ug/L #	1
43)	d4-1,2-Dichloroethane	8.98	65	682468	59.41 µg/L #	86
45)	1,2-Dichloroethane	9.05	62	1055	0.07 ug/L #	8
46)	Benzene	8.86	78	1816	0.06 ug/L	80
47)	Methyl cyclohexane	0.00	83	0	N.D. d	
48)	Trichloroethene	9.44	130	283	0.04 ug/L #	1
49)	1,2-Dichloropropane	10.06	63	569	0.07 ug/L #	56
50)	Methyl methacrylate	0.00	69	0	N.D. d	
51)	1,4-Dioxane	0.00	88	0	N.D. d	
52)	Dibromomethane	9.97	93	710	0.11 ug/L #	1
53)	Bromodichloromethane	10.07	83	655	0.05 ug/L #	25
54)	2-Chloroethyl vinyl ether	0.00	63	0	N.D. d	
55)	C-1,3-Dichloropropene	10.85	75	446	0.03 ug/L #	1
56)	4-Methyl-2-pentanone	0.00	100	0	N.D. d	
57)	D8-Toluene	11.04	98	1031918	47.69 ug/L	98
60)	Toluene	10.97	92	127	0.01 ug/L	86
61)	T-1,3-Dichloropropene	11.56	75	573	0.05 ug/L #	19
62)	Ethyl methacrylate	11.62	69	404	0.04 ug/L	95
63)	1,1,2-Trichloroethane	11.80	97	447	0.07 ug/L #	40
64)	1,3-Dichloropropane	12.15	76	399	0.03 ug/L #	1
65)	Tetrachloroethene	0.00	164	0	N.D. d	
66)	2-Hexanone	0.00	43	0	N.D. d	
67)	Dibromochloromethane	12.10	129	56	0.01 ug/L	83
68)	1,2-Dibromoethane	12.37	107	250	0.03 ug/L	85
69)	Chlorobenzene	12.95	112	77	0.00 ug/L	89
70)	1,1,1,2-Tetrachloroethane	13.10	131	146	0.02 ug/L #	35
71)	Ethylbenzene	12.92	106	35	0.00 ug/L	99
72)	m-xylene & p-xylene	13.15	106	106	0.01 ug/L	81
73)	O-Xylene	13.77	106	86	0.01 ug/L #	1
74)	Styrene	13.83	104	145	Below Cal #	1
75)	Bromoform	13.96	173	115	0.02 ug/L #	46
76)	Isopropylbenzene	14.19	105	9672	0.42 ug/L	99
77)	C-1,4-Dichloro-2-butene	0.00	53	0	N.D. d	
78)	Bromofluorobenzene	14.63	95	469568	51.56 ug/L	84
80)	1,1,2,2-Tetrachloroethane	14.89	83	153	0.01 ug/L #	17
81)	Bromobenzene	14.83	156	266	0.03 ug/L #	47
82)	1,2,3-Trichloropropane	15.11	75	585	0.04 ug/L #	17
83)	T-1,4-Dichloro-2-Butene	0.00	53	0	N.D. d	
84)	n-Propylbenzene	14.77	91	1746	0.05 ug/L	99
86)	2-Chlorotoluene	15.14	91	205	0.01 ug/L	95
87)	1,3,5-Trimethylbenzene	14.96	105	74	0.00 ug/L	87
88)	4-Chlorotoluene	15.27	91	464	0.02 ug/L	70
89)	tert-Butylbenzene	15.48	119	1849	0.12 ug/L #	70
90)	Pentachloroethane	15.68	167	172	Below Cal	85
91)	1,2,4-Trimethylbenzene	15.56	105	651	0.03 ug/L	86
92)	s-Butylbenzene	15.71	105	1379	0.06 ug/L	82
93)	1,3-Dichlorobenzene	16.05	146	35	0.00 ug/L #	1
94)	p-Isopropyltoluene	15.86	119	1044	0.05 ug/L #	49
95)	1,4-Dichlorobenzene	16.12	146	577	0.04 ug/L #	1
96)	n-Butylbenzene	16.29	91	390	0.02 ug/L	84
97)	1,2-Dichlorobenzene	16.67	146	100	0.01 ug/L #	21
98)	DBCP	17.58	157	139	0.08 ug/L #	39
99)	1,2,4-Trichlorobenzene	18.68	180	151	0.02 ug/L	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF042.D
Acq On : 12 Jul 2007 13:10
Sample : b705885-07
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:57 2007

Vial: 42
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
100) Hexachlorobutadiene	18.34	225	63	0.02 ug/L #	1
101) Naphthalene	18.97	128	733	0.04 ug/L	85
102) 1,2,3-Trichlorobenzene	19.13	180	115	0.02 ug/L	90

(#) = qualifier out of range (m) = manual integration

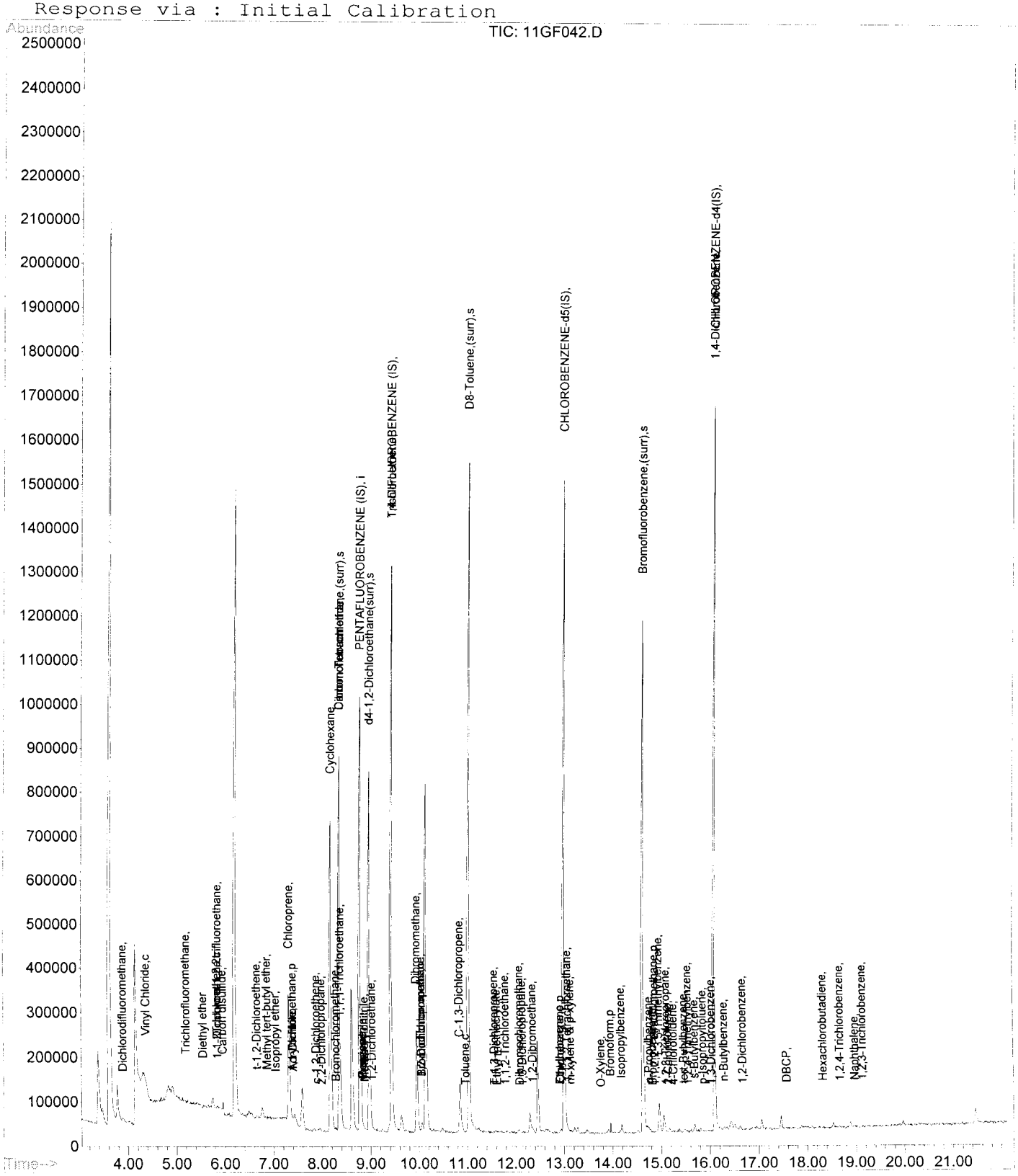
Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GF\11GF042.D
Acq On : 12 Jul 2007 13:10
Sample : b705885-07
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:57 2007

Vial: 42
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GK\11GK018.D
Acq On : 16 Jul 2007 20:10
Sample : b705885-07 RE1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 17 11:35 2007

Vial: 18
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGF

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.79	168	862616	50.00 ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	9.44	114	1289481	50.00 ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.00	117	936170	50.00 ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.10	152	479719	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	8.36	113	699995	55.73 ug/L	0.00
Spiked Amount 50.000	Range 71 - 136		Recovery = 111.46%		
44) d4-1,2-Dichloroethane(surr	8.98	65	911159	58.30 µg/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 116.60%		
58) D8-Toluene (surr)	11.04	98	1310198	44.51 ug/L	0.00
Spiked Amount 50.000	Range 75 - 126		Recovery = 89.02%		
79) Bromofluorobenzene (surr)	14.64	95	563032	51.48 ug/L	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 102.96%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.81	85	275	N.D.	
3) Chloromethane	4.24	50	4756	Below Cal	84
4) Vinyl Chloride	4.38	62	1234	N.D.	
5) Bromomethane	0.00	94	0	N.D. d	
6) Chloroethane	4.98	64	8451	Below Cal #	65
7) Trichlorofluoromethane	5.22	101	196	N.D.	
8) Diethyl ether	5.55	59	148	N.D.	
9) Ethanol	0.00	45	0	N.D. d	
10) 1,2-Dichloro-1,1,2-triflur	6.75	117	221	No Calib #	
11) acrolein	0.00	56	0	N.D. d	
12) 1,1,2Trichloro-1,2,2triflu	5.86	151	484	N.D.	
13) 1,1-Dichloroethene	5.86	96	904	N.D.	
14) Acetone	6.55	43	17641	Below Cal	79
15) Iodomethane	6.07	142	10902	Below Cal #	73
16) Carbon disulfide	5.96	76	15491	0.46 ug/L	73
17) Methyl acetate	0.00	43	0	N.D.	
18) Acetonitrile	7.13	41	2185	Below Cal #	47
19) 3-chloropropene	0.00	41	0	N.D. d	
20) Methylene Chloride	6.50	84	8242	Below Cal #	60
21) Acrylonitrile	7.47	53	305	N.D.	
22) Methyl tert-butyl ether	6.73	73	345	N.D.	
23) t-1,2-Dichloroethene	6.68	96	1738	N.D.	
24) 1,1-Dichloroethane	7.34	63	1180	N.D.	
25) Vinyl Acetate	0.00	43	0	N.D. d	
26) Isopropyl ether	7.09	45	2596	N.D.	
27) Chloroprene	7.25	88	341	N.D.	
28) 2-Butanone	0.00	72	0	N.D. d	
29) c-1,2-Dichloroethene	7.90	96	814	N.D.	
30) 2,2-Dichloropropane	7.94	77	974	N.D.	
31) Cyclohexane	8.16	84	2585	N.D.	
32) Propionitrile	8.89	54	390	N.D.	
33) Methacrylonitrile	0.00	41	0	N.D.	
34) Bromochloromethane	8.09	128	181	N.D.	
35) Chloroform	0.00	83	0	N.D. d	
36) Dibromofluoromethane	8.36	113	699995	55.73 ug/L	88
38) 1,1,1-Trichloroethane	8.40	97	372	N.D.	
39) 1,1-Dichloropropene	0.00	75	0	N.D.	
40) Isobutyl alcohol	0.00	43	0	N.D. d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GK\11GK018.D
Acq On : 16 Jul 2007 20:10
Sample : b705885-07 RE1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 17 11:35 2007

Vial: 18
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGF

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
42) Carbon Tetrachloride	8.37	117	256	N.D.	
43) d4-1,2-Dichloroethane	8.98	65	911159	58.30 µg/L #	88
45) 1,2-Dichloroethane	9.06	62	1275	N.D.	
46) Benzene	8.85	78	2352	N.D.	
47) Methyl cyclohexane	0.00	83	0	N.D. d	
48) Trichloroethene	9.43	130	538	N.D.	
49) 1,2-Dichloropropane	10.08	63	260	N.D.	
50) Methyl methacrylate	0.00	69	0	N.D. d	
51) 1,4-Dioxane	0.00	88	0	N.D. d	
52) Dibromomethane	9.94	93	594	N.D.	
53) Bromodichloromethane	0.00	83	0	N.D. d	
54) 2-Chloroethyl vinyl ether	0.00	63	0	N.D. d	
55) C-1,3-Dichloropropene	10.82	75	250	N.D.	
56) 4-Methyl-2-pentanone	0.00	100	0	N.D. d	
57) D8-Toluene	11.04	98	1310198	44.51 ug/L	98
60) Toluene	11.02	92	385	N.D.	
61) T-1,3-Dichloropropene	11.59	75	566	N.D.	
62) Ethyl methacrylate	11.77	69	1002	N.D.	
63) 1,1,2-Trichloroethane	11.79	97	598	N.D.	
64) 1,3-Dichloropropane	12.14	76	96	N.D.	
65) Tetrachloroethene	0.00	164	0	N.D. d	
66) 2-Hexanone	0.00	43	0	N.D. d	
67) Dibromochloromethane	12.08	129	191	N.D.	
68) 1,2-Dibromoethane	12.41	107	205	N.D.	
69) Chlorobenzene	12.94	112	101	N.D.	
70) 1,1,1,2-Tetrachloroethane	13.06	131	184	N.D.	
71) Ethylbenzene	13.01	106	304	N.D.	
72) m-xylene & p-xylene	13.18	106	436	N.D.	
73) O-Xylene	13.61	106	45	N.D.	
74) Styrene	13.86	104	312	Below Cal #	59
75) Bromoform	13.94	173	233	N.D.	
76) Isopropylbenzene	14.19	105	766	N.D.	
77) C-1,4-Dichloro-2-butene	14.69	53	774	N.D.	
78) Bromofluorobenzene	14.64	95	563032	51.48 ug/L	85
80) 1,1,2,2-Tetrachloroethane	14.92	83	344	N.D.	
81) Bromobenzene	14.84	156	230	N.D.	
82) 1,2,3-Trichloropropane	15.11	75	71	N.D.	
83) T-1,4-Dichloro-2-Butene	15.13	53	533	N.D.	
84) n-Propylbenzene	14.77	91	1755	N.D.	
86) 2-Chlorotoluene	15.11	91	169	N.D.	
87) 1,3,5-Trimethylbenzene	15.04	105	442	N.D.	
88) 4-Chlorotoluene	15.18	91	244	N.D.	
89) tert-Butylbenzene	15.48	119	1992	N.D.	
90) Pentachloroethane	15.55	167	240	Below Cal #	80
91) 1,2,4-Trimethylbenzene	15.56	105	746	N.D.	
92) s-Butylbenzene	15.70	105	967	N.D.	
93) 1,3-Dichlorobenzene	16.01	146	805	N.D.	
94) p-Isopropyltoluene	15.85	119	435	N.D.	
95) 1,4-Dichlorobenzene	16.01	146	805	N.D.	
96) n-Butylbenzene	16.35	91	1281	N.D.	
97) 1,2-Dichlorobenzene	16.64	146	456	N.D.	
98) DBCP	17.78	157	230	N.D.	
99) 1,2,4-Trichlorobenzene	18.48	180	891	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GK\11GK018.D
Acq On : 16 Jul 2007 20:10
Sample : b705885-07 RE1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 17 11:35 2007

Vial: 18
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGF

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
100) Hexachlorobutadiene	18.33	225	78	N.D.	
101) Naphthalene	18.98	128	989	N.D.	
102) 1,2,3-Trichlorobenzene	19.23	180	767	N.D.	

(#) = qualifier out of range (m) = manual integration

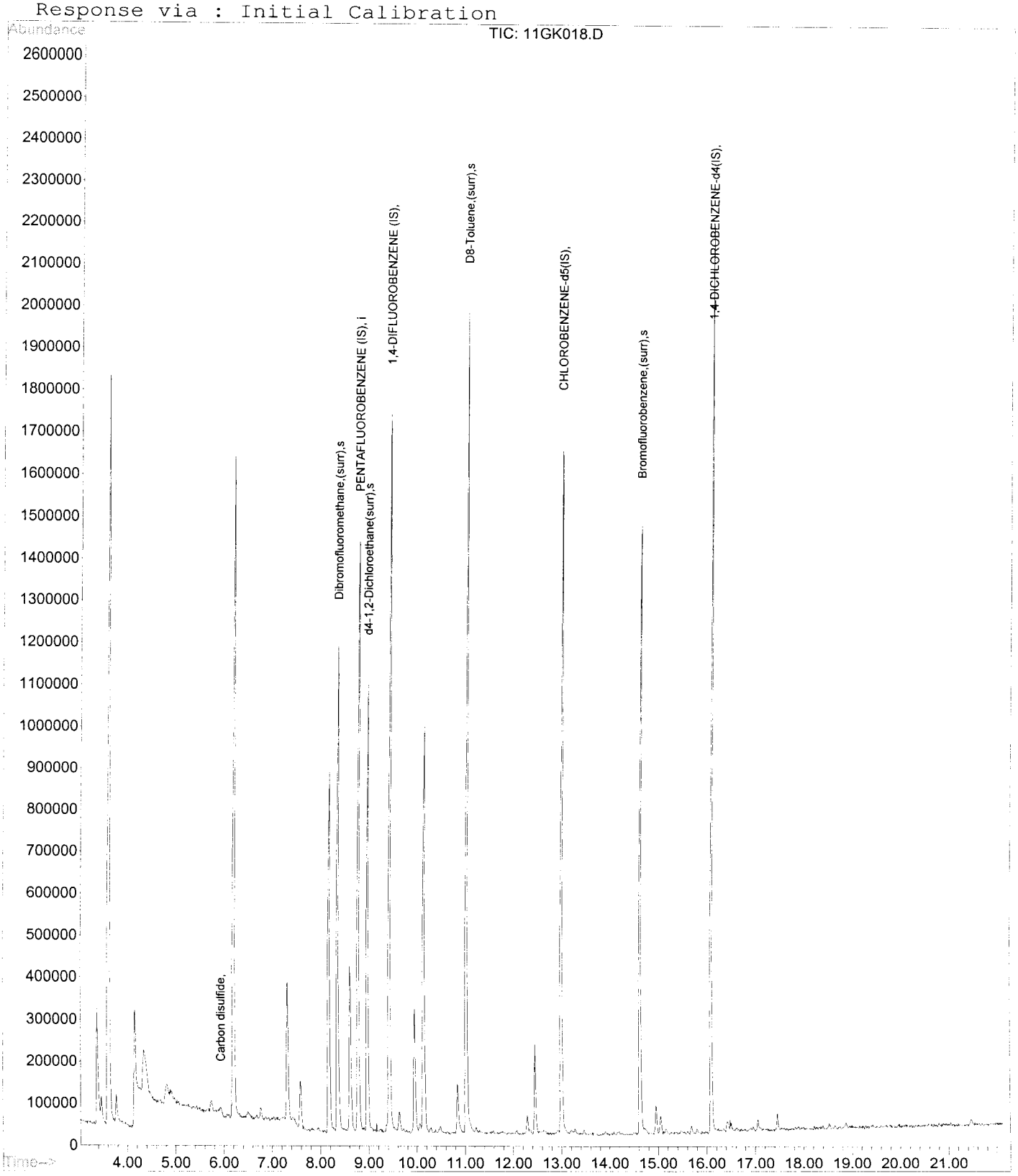
Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GK\11GK018.D
Acq On : 16 Jul 2007 20:10
Sample : b705885-07 RE1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 17 11:35 2007

Vial: 18
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GG009.D
Acq On : 12 Jul 2007 19:49
Sample : b705885-08
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 10:02 2007

Vial: 9
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGF

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.80	168	547829	50.00 ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	9.45	114	894111	50.00 ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.02	117	672125	50.00 ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.11	152	325351	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	8.36	113	500084	62.70 ug/L	0.00
Spiked Amount 50.000	Range 71 - 136		Recovery = 125.40%		
44) d4-1,2-Dichloroethane(surr	8.98	65	699095	64.51 µg/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 129.02%		
58) D8-Toluene (surr)	11.04	98	941040	46.10 ug/L	0.00
Spiked Amount 50.000	Range 75 - 126		Recovery = 92.20%		
79) Bromofluorobenzene (surr)	14.64	95	406198	51.73 ug/L	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 103.46%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.77	85	151	0.01 ug/L	85
3) Chloromethane	4.33	50	3342	Below Cal	76
4) Vinyl Chloride	4.40	62	430	0.04 ug/L #	39
5) Bromomethane	0.00	94	0	N.D. d	
6) Chloroethane	5.18	64	4372	Below Cal	92
7) Trichlorofluoromethane	5.22	101	543	0.04 ug/L #	1
8) Diethyl ether	5.53	59	639	0.07 µg/L #	100
9) Ethanol	0.00	45	0	N.D. d	
10) 1,2-Dichloro-1,1,2-triflur	6.79	117	210	No Calib #	
11) acrolein	0.00	56	0	N.D. d	
12) 1,1,2Trichloro-1,2,2triflu	5.84	151	533	0.09 ug/L #	86
13) 1,1-Dichloroethene	5.85	96	1321	0.17 ug/L #	26
14) Acetone	6.54	43	11589	Below Cal	82
15) Iodomethane	6.24	142	567	Below Cal	79
16) Carbon disulfide	5.96	76	21374	0.99 ug/L	89
17) Methyl acetate	0.00	43	0	N.D. d	
18) Acetonitrile	7.08	41	592	Below Cal #	1
19) 3-chloropropene	0.00	41	0	N.D. d	
20) Methylene Chloride	6.50	84	5919	Below Cal #	76
21) Acrylonitrile	0.00	53	0	N.D. d	
22) Methyl tert-butyl ether	6.74	73	1083	0.04 ug/L #	44
23) t-1,2-Dichloroethene	6.70	96	1284	0.16 ug/L #	66
24) 1,1-Dichloroethane	7.34	63	1652	0.10 ug/L #	30
25) Vinyl Acetate	0.00	43	0	N.D. d	
26) Isopropyl ether	7.24	45	755	0.02 ug/L	96
27) Chloroprene	7.32	88	288	0.04 ug/L #	1
28) 2-Butanone	0.00	72	0	N.D. d	
29) c-1,2-Dichloroethene	7.92	96	560	0.07 ug/L #	29
30) 2,2-Dichloropropane	8.00	77	399	0.03 ug/L	86
31) Cyclohexane	8.14	84	144	0.02 µg/L #	100
32) Propionitrile	8.87	54	83	0.06 ug/L #	1
33) Methacrylonitrile	8.82	41	1477	0.18 ug/L #	18
34) Bromochloromethane	8.05	128	102	0.03 ug/L	93
35) Chloroform	8.19	83	1825	0.11 ug/L	77
36) Dibromofluoromethane	8.36	113	500084	62.70 ug/L	85
38) 1,1,1-Trichloroethane	8.45	97	61	0.00 ug/L #	1
39) 1,1-Dichloropropene	0.00	75	0	N.D.	
40) Isobutyl alcohol	0.00	43	0	N.D. d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GG009.D
Acq On : 12 Jul 2007 19:49
Sample : b705885-08
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 10:02 2007

Vial: 9
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGF

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
42) Carbon Tetrachloride	8.36	117	226	0.02 ug/L #	1
43) d4-1,2-Dichloroethane	8.98	65	699095	64.51 µg/L #	86
45) 1,2-Dichloroethane	9.06	62	769	0.05 ug/L #	8
46) Benzene	8.85	78	2219	0.08 ug/L #	1
47) Methyl cyclohexane	0.00	83	0	N.D. d	
48) Trichloroethene	9.43	130	272	0.04 ug/L #	16
49) 1,2-Dichloropropane	10.08	63	127	0.02 ug/L #	1
50) Methyl methacrylate	10.05	69	466	0.08 ug/L	87
51) 1,4-Dioxane	0.00	88	0	N.D. d	
52) Dibromomethane	9.97	93	663	0.11 ug/L #	23
53) Bromodichloromethane	0.00	83	0	N.D. d	
54) 2-Chloroethyl vinyl ether	0.00	63	0	N.D. d	
55) C-1,3-Dichloropropene	10.80	75	338	0.03 ug/L #	2
56) 4-Methyl-2-pentanone	0.00	100	0	N.D. d	
57) D8-Toluene	11.04	98	941040	46.10 ug/L	98
60) Toluene	11.10	92	1751	0.13 ug/L #	68
61) T-1,3-Dichloropropene	11.56	75	544	0.05 ug/L	77
62) Ethyl methacrylate	11.67	69	306	0.03 ug/L #	29
63) 1,1,2-Trichloroethane	11.79	97	184	0.03 ug/L #	74
64) 1,3-Dichloropropane	12.17	76	116	0.01 ug/L #	1
65) Tetrachloroethene	0.00	164	0	N.D. d	
66) 2-Hexanone	12.52	43	591	0.10 ug/L #	32
67) Dibromochloromethane	11.89	129	80	0.01 ug/L	95
68) 1,2-Dibromoethane	12.41	107	256	0.04 ug/L #	53
69) Chlorobenzene	13.09	112	110	0.01 ug/L	89
70) 1,1,1,2-Tetrachloroethane	13.26	131	156	0.03 ug/L	95
71) Ethylbenzene	13.20	106	301	0.04 ug/L	92
72) m-xylene & p-xylene	13.20	106	384	0.04 ug/L	73
73) O-Xylene	13.78	106	205	0.03 ug/L	96
74) Styrene	13.86	104	221	Below Cal #	13
75) Bromoform	13.94	173	31	0.01 ug/L #	1
76) Isopropylbenzene	14.20	105	11346	0.57 ug/L	86
77) C-1,4-Dichloro-2-butene	14.69	53	330	0.11 ug/L #	1
78) Bromofluorobenzene	14.64	95	406198	51.73 ug/L	84
80) 1,1,2,2-Tetrachloroethane	14.87	83	234	0.03 ug/L #	60
81) Bromobenzene	14.84	156	133	0.02 ug/L #	1
82) 1,2,3-Trichloropropane	15.12	75	427	0.04 ug/L #	44
83) T-1,4-Dichloro-2-Butene	15.13	53	243	0.08 ug/L #	64
84) n-Propylbenzene	14.77	91	1543	0.05 ug/L	90
86) 2-Chlorotoluene	15.06	91	399	0.02 ug/L	70
87) 1,3,5-Trimethylbenzene	15.02	105	265	0.02 ug/L	71
88) 4-Chlorotoluene	15.35	91	185	0.01 ug/L	84
89) tert-Butylbenzene	15.48	119	2005	0.15 ug/L #	87
90) Pentachloroethane	15.55	167	139	Below Cal #	53
91) 1,2,4-Trimethylbenzene	15.55	105	507	0.03 ug/L	80
92) s-Butylbenzene	15.70	105	892	0.04 ug/L	89
93) 1,3-Dichlorobenzene	16.01	146	161	0.02 ug/L #	9
94) p-Isopropyltoluene	15.86	119	883	0.05 ug/L #	68
95) 1,4-Dichlorobenzene	16.14	146	569	0.05 ug/L #	1
96) n-Butylbenzene	16.37	91	1156	0.06 ug/L #	35
97) 1,2-Dichlorobenzene	16.50	146	99	0.01 ug/L	89
98) DBCP	17.65	157	50	0.03 ug/L	88
99) 1,2,4-Trichlorobenzene	18.50	180	506	0.08 ug/L #	64

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GG009.D
Acq On : 12 Jul 2007 19:49
Sample : b705885-08
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 10:02 2007

Vial: 9
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGF

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
100) Hexachlorobutadiene	18.42	225	216	0.08 ug/L #	28
101) Naphthalene	18.97	128	655	0.04 ug/L	92
102) 1,2,3-Trichlorobenzene	19.25	180	566	0.10 ug/L #	56

(#) = qualifier out of range (m) = manual integration

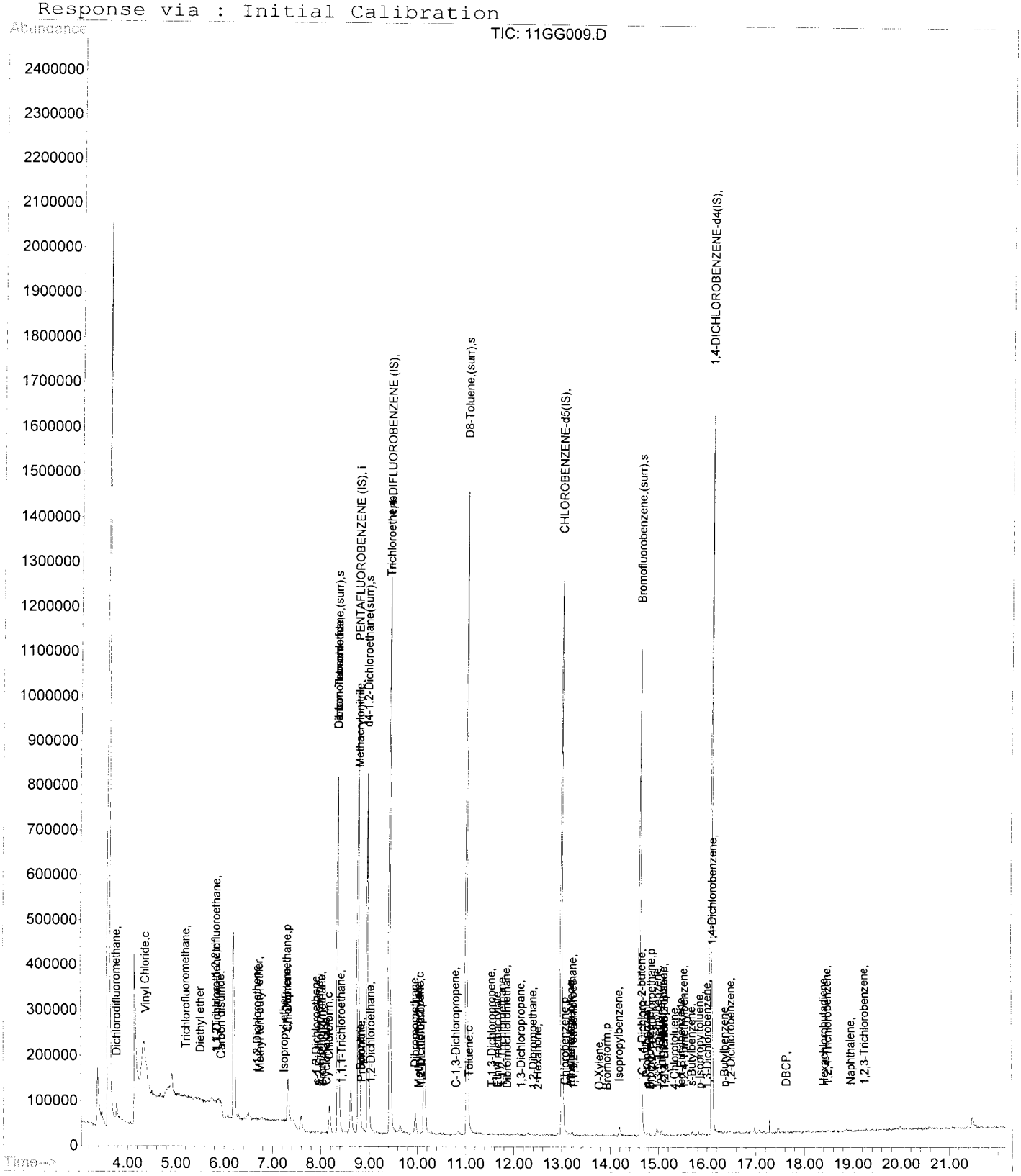
Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GF\11GG009.D
Acq On : 12 Jul 2007 19:49
Sample : b705885-08
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 10:02 2007

Vial: 9
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GK\11GK019.D
Acq On : 16 Jul 2007 20:42
Sample : b705885-08 RE1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 17 11:36 2007

Vial: 19
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGF

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.79	168	854970	50.00 ug/L	-0.01
41) 1,4-DIFLUOROBENZENE (IS)	9.44	114	1294717	50.00 ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.01	117	905261	50.00 ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.10	152	466470	50.00 ug/L	0.00

System Monitoring Compounds

37) Dibromofluoromethane (surr	8.36	113	681059	54.71 ug/L	0.00
Spiked Amount 50.000	Range 71 - 136		Recovery = 109.42%		
44) d4-1,2-Dichloroethane(surr	8.97	65	903499	57.57 µg/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 115.14%		
58) D8-Toluene (surr)	11.03	98	1312650	44.41 ug/L	-0.01
Spiked Amount 50.000	Range 75 - 126		Recovery = 88.82%		
79) Bromofluorobenzene (surr)	14.63	95	552297	52.22 ug/L	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 104.44%		

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	3.90	85	379	N.D.	
3) Chloromethane	4.24	50	6906	Below Cal	73
4) Vinyl Chloride	4.37	62	393	N.D.	
5) Bromomethane	0.00	94	0	N.D. d	
6) Chloroethane	4.97	64	2971	Below Cal	82
7) Trichlorofluoromethane	5.19	101	232	N.D.	
8) Diethyl ether	5.56	59	1060	N.D.	
9) Ethanol	0.00	45	0	N.D. d	
10) 1,2-Dichloro-1,1,2-triflur	6.78	117	82	No Calib #	
11) acrolein	6.21	56	13941	18.03 ug/L #	1
12) 1,1,2Trichloro-1,2,2triflu	5.86	151	83	N.D.	
13) 1,1-Dichloroethene	5.83	96	778	N.D.	
14) Acetone	6.54	43	11260	Below Cal	99
15) Iodomethane	6.07	142	7470	Below Cal #	64
16) Carbon disulfide	5.95	76	20013	0.60 ug/L	100
17) Methyl acetate	0.00	43	0	N.D. d	
18) Acetonitrile	7.08	41	2745	Below Cal #	31
19) 3-chloropropene	0.00	41	0	N.D. d	
20) Methylene Chloride	6.49	84	6265	Below Cal #	58
21) Acrylonitrile	0.00	53	0	N.D. d	
22) Methyl tert-butyl ether	6.74	73	658	N.D.	
23) t-1,2-Dichloroethene	6.68	96	1657	N.D.	
24) 1,1-Dichloroethane	7.31	63	1177	N.D.	
25) Vinyl Acetate	0.00	43	0	N.D. d	
26) Isopropyl ether	6.91	45	755	N.D.	
27) Chloroprene	7.32	88	232	N.D.	
28) 2-Butanone	0.00	72	0	N.D. d	
29) c-1,2-Dichloroethene	7.91	96	865	N.D.	
30) 2,2-Dichloropropane	7.98	77	508	N.D.	
31) Cyclohexane	8.17	84	860	N.D.	
32) Propionitrile	8.87	54	221	N.D.	
33) Methacrylonitrile	8.88	41	579	N.D.	
34) Bromochloromethane	8.14	128	82	N.D.	
35) Chloroform	8.18	83	2416	N.D.	
36) Dibromofluoromethane	8.36	113	681059	54.71 ug/L	87
38) 1,1,1-Trichloroethane	8.41	97	154	N.D.	
39) 1,1-Dichloropropene	0.00	75	0	N.D.	
40) Isobutyl alcohol	6.48	43	1469	Below Cal	86

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GK\11GK019.D
Acq On : 16 Jul 2007 20:42
Sample : b705885-08 RE1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 17 11:36 2007

Vial: 19
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGF

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
42) Carbon Tetrachloride	8.35	117	270	N.D.	
43) d4-1,2-Dichloroethane	8.97	65	903499	57.57 µg/L #	89
45) 1,2-Dichloroethane	9.05	62	1569	N.D.	
46) Benzene	8.84	78	1055	N.D.	
47) Methyl cyclohexane	0.00	83	0	N.D. d	
48) Trichloroethene	9.45	130	876	N.D.	
49) 1,2-Dichloropropane	10.08	63	212	N.D.	
50) Methyl methacrylate	0.00	69	0	N.D. d	
51) 1,4-Dioxane	0.00	88	0	N.D. d	
52) Dibromomethane	9.96	93	475	N.D.	
53) Bromodichloromethane	10.09	83	258	N.D.	
54) 2-Chloroethyl vinyl ether	0.00	63	0	N.D. d	
55) C-1,3-Dichloropropene	10.79	75	451	N.D.	
56) 4-Methyl-2-pentanone	11.48	100	246	N.D.	
57) D8-Toluene	11.03	98	1312650	44.41 ug/L	98
60) Toluene	11.09	92	1336	N.D.	
61) T-1,3-Dichloropropene	11.55	75	167	N.D.	
62) Ethyl methacrylate	11.68	69	1035	N.D.	
63) 1,1,2-Trichloroethane	11.81	97	210	N.D.	
64) 1,3-Dichloropropane	12.21	76	340	N.D.	
65) Tetrachloroethene	0.00	164	0	N.D. d	
66) 2-Hexanone	12.54	43	322	N.D.	
67) Dibromochloromethane	11.94	129	53	N.D.	
68) 1,2-Dibromoethane	12.45	107	164	N.D.	
69) Chlorobenzene	13.02	112	363	N.D.	
70) 1,1,1,2-Tetrachloroethane	13.22	131	256	N.D.	
71) Ethylbenzene	12.99	106	123	N.D.	
72) m-xylene & p-xylene	13.23	106	77	N.D.	
73) O-Xylene	13.82	106	161	N.D.	
74) Styrene	13.85	104	50	Below Cal #	55
75) Bromoform	13.94	173	304	N.D.	
76) Isopropylbenzene	14.17	105	236	N.D.	
77) C-1,4-Dichloro-2-butene	14.71	53	821	N.D.	
78) Bromofluorobenzene	14.63	95	552297	52.22 ug/L	85
80) 1,1,2,2-Tetrachloroethane	14.86	83	317	N.D.	
81) Bromobenzene	14.88	156	70	N.D.	
82) 1,2,3-Trichloropropane	15.08	75	209	N.D.	
83) T-1,4-Dichloro-2-Butene	15.13	53	566	N.D.	
84) n-Propylbenzene	14.77	91	936	N.D.	
86) 2-Chlorotoluene	14.96	91	298	N.D.	
87) 1,3,5-Trimethylbenzene	15.07	105	142	N.D.	
88) 4-Chlorotoluene	15.42	91	143	N.D.	
89) tert-Butylbenzene	15.48	119	1905	N.D.	
90) Pentachloroethane	15.65	167	185	Below Cal #	59
91) 1,2,4-Trimethylbenzene	15.57	105	459	N.D.	
92) s-Butylbenzene	15.70	105	823	N.D.	
93) 1,3-Dichlorobenzene	16.02	146	647	N.D.	
94) p-Isopropyltoluene	15.86	119	356	N.D.	
95) 1,4-Dichlorobenzene	16.10	146	745	N.D.	
96) n-Butylbenzene	16.35	91	692	N.D.	
97) 1,2-Dichlorobenzene	16.63	146	564	N.D.	
98) DBCP	17.59	157	281	N.D.	
99) 1,2,4-Trichlorobenzene	18.46	180	989	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GK\11GK019.D
Acq On : 16 Jul 2007 20:42
Sample : b705885-08 RE1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 17 11:36 2007

Vial: 19
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGF

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
100) Hexachlorobutadiene	18.29	225	280	N.D.	
101) Naphthalene	18.97	128	409	N.D.	
102) 1,2,3-Trichlorobenzene	19.26	180	606	N.D.	

(#) = qualifier out of range (m) = manual integration

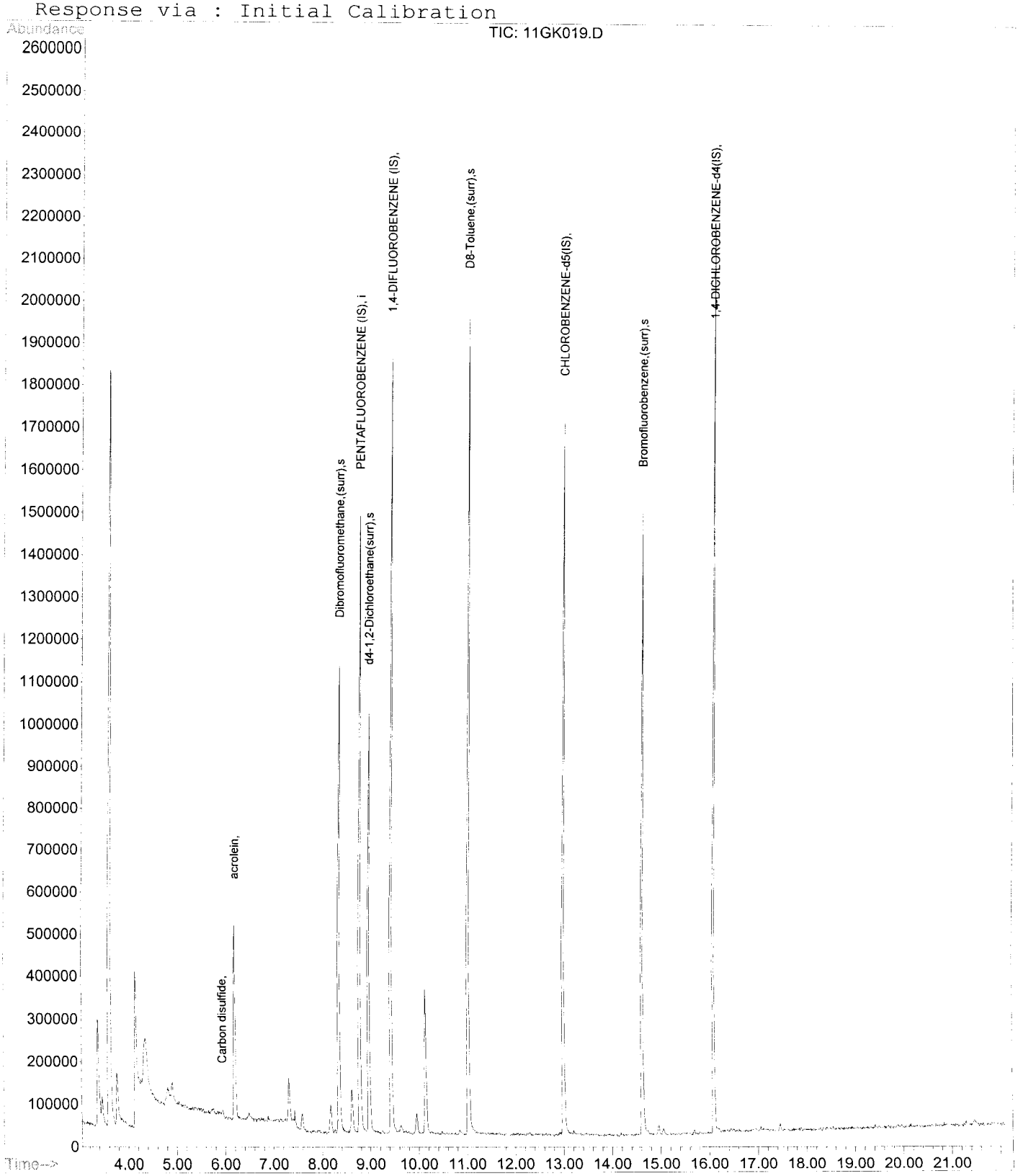
Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GK\11GK019.D
Acq On : 16 Jul 2007 20:42
Sample : b705885-08 RE1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 17 11:36 2007

Vial: 19
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF029.D
Acq On : 12 Jul 2007 6:10
Sample : b706062-01
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:38 2007

Vial: 29
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.79	168	637422	50.00 ug/L	-0.01
41) 1,4-DIFLUOROBENZENE (IS)	9.44	114	1051467	50.00 ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.01	117	857575	50.00 ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.10	152	416195	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	8.37	113	527069	56.79 ug/L	0.00
Spiked Amount 50.000 Range 71 - 136 Recovery = 113.58%					
44) d4-1,2-Dichloroethane(surr	8.99	65	719069	56.42 µg/L	0.00
Spiked Amount 50.000 Range 70 - 130 Recovery = 112.84%					
58) D8-Toluene (surr)	11.03	98	1147217	47.79 ug/L	-0.01
Spiked Amount 50.000 Range 75 - 126 Recovery = 95.58%					
79) Bromofluorobenzene (surr)	14.64	95	512584	51.16 ug/L	0.00
Spiked Amount 50.000 Range 76 - 120 Recovery = 102.32%					

Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.90	85	1039	0.07 ug/L	95
3) Chloromethane	4.24	50	8749	Below Cal	83
4) Vinyl Chloride	4.38	62	1161	0.09 ug/L #	39
5) Bromomethane	0.00	94	0	N.D. d	
6) Chloroethane	5.05	64	12314	Below Cal	95
7) Trichlorofluoromethane	5.22	101	755	0.04 ug/L #	81
8) Diethyl ether	5.55	59	720	0.07 µg/L #	100
9) Ethanol	0.00	45	0	N.D. d	
10) 1,2-Dichloro-1,1,2-triflur	6.76	117	204	No Calib #	
11) acrolein	0.00	56	0	N.D. d	
12) 1,1,2Trichloro-1,2,2triflu	5.85	151	445	0.06 ug/L #	1
13) 1,1-Dichloroethene	0.00	96	0	N.D. d	
14) Acetone	6.55	43	23017	Below Cal	83
15) Iodomethane	6.08	142	9931	Below Cal	85
16) Carbon disulfide	5.96	76	29234	1.17 ug/L	95
17) Methyl acetate	6.65	43	1006	0.07 µg/L #	100
18) Acetonitrile	7.08	41	2052	Below Cal #	1
19) 3-chloropropene	6.37	41	1986	0.10 ug/L #	14
20) Methylene Chloride	6.52	84	4407	Below Cal #	76
21) Acrylonitrile	0.00	53	0	N.D. d	
22) Methyl tert-butyl ether	6.67	73	889	0.03 ug/L	60
23) t-1,2-Dichloroethene	6.67	96	1757	0.18 ug/L #	64
24) 1,1-Dichloroethane	7.35	63	394	0.02 ug/L #	1
25) Vinyl Acetate	7.43	43	1889	0.07 ug/L	80
26) Isopropyl ether	6.89	45	417	0.01 ug/L	98
27) Chloroprene	7.33	88	555	0.07 ug/L #	2
28) 2-Butanone	8.63	72	129	0.12 ug/L	74
29) c-1,2-Dichloroethene	7.92	96	618	0.07 ug/L #	65
30) 2,2-Dichloropropane	8.02	77	845	0.06 ug/L #	40
31) Cyclohexane	8.17	84	1694	0.16 µg/L #	100
32) Propionitrile	0.00	54	0	N.D. d	
33) Methacrylonitrile	8.87	41	1869	0.19 ug/L #	18
34) Bromochloromethane	8.19	128	78	0.02 ug/L	99
35) Chloroform	8.21	83	138	0.01 ug/L	97
36) Dibromofluoromethane	8.37	113	527069	56.79 ug/L	86
38) 1,1,1-Trichloroethane	8.43	97	316	0.02 ug/L #	67
39) 1,1-Dichloropropene	8.37	75	1431	0.11 ug/L #	1
40) Isobutyl alcohol	0.00	43	0	N.D. d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF029.D
Acq On : 12 Jul 2007 6:10
Sample : b706062-01
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:38 2007

Vial: 29
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
42) Carbon Tetrachloride	8.36	117	322	0.03 ug/L #	1
43) d4-1,2-Dichloroethane	8.99	65	719069	56.42 µg/L #	85
45) 1,2-Dichloroethane	9.04	62	618	0.04 ug/L #	44
46) Benzene	8.85	78	2527	0.08 ug/L	86
47) Methyl cyclohexane	0.00	83	0	N.D. d	
48) Trichloroethene	9.59	130	169	0.02 ug/L	88
49) 1,2-Dichloropropane	10.08	63	299	0.03 ug/L #	68
50) Methyl methacrylate	10.24	69	278	0.04 ug/L	83
51) 1,4-Dioxane	0.00	88	0	N.D. d	
52) Dibromomethane	9.95	93	216	0.03 ug/L #	65
53) Bromodichloromethane	10.15	83	310	0.02 ug/L	93
54) 2-Chloroethyl vinyl ether	0.00	63	0	N.D. d	
55) C-1,3-Dichloropropene	10.80	75	1049	0.07 ug/L #	71
56) 4-Methyl-2-pentanone	0.00	100	0	N.D. d	
57) D8-Toluene	11.03	98	1147217	47.79 ug/L	98
60) Toluene	11.10	92	2386	0.14 ug/L	92
61) T-1,3-Dichloropropene	11.56	75	829	0.07 ug/L #	1
62) Ethyl methacrylate	11.64	69	335	0.03 ug/L #	1
63) 1,1,2-Trichloroethane	11.98	97	99	0.01 ug/L	92
64) 1,3-Dichloropropane	12.15	76	306	0.02 ug/L #	1
65) Tetrachloroethene	0.00	164	0	N.D. d	
66) 2-Hexanone	12.62	43	379	0.05 ug/L	79
67) Dibromochloromethane	12.04	129	196	0.02 ug/L #	31
68) 1,2-Dibromoethane	12.38	107	159	0.02 ug/L #	48
69) Chlorobenzene	13.01	112	1418	0.07 ug/L	71
70) 1,1,1,2-Tetrachloroethane	13.20	131	224	0.03 ug/L	90
71) Ethylbenzene	13.01	106	423	0.05 ug/L #	1
72) m-xylene & p-xylene	13.27	106	74	0.01 ug/L	88
73) O-Xylene	13.79	106	646	0.06 ug/L #	1
74) Styrene	13.85	104	655	Below Cal #	65
75) Bromoform	13.95	173	132	0.02 ug/L #	59
76) Isopropylbenzene	14.19	105	1544	0.06 ug/L	75
77) C-1,4-Dichloro-2-butene	14.70	53	416	0.11 ug/L #	1
78) Bromofluorobenzene	14.64	95	512584	51.16 ug/L	85
80) 1,1,2,2-Tetrachloroethane	14.86	83	337	0.03 ug/L #	16
81) Bromobenzene	14.98	156	145	0.02 ug/L	89
82) 1,2,3-Trichloropropane	15.11	75	694	0.05 ug/L #	32
83) T-1,4-Dichloro-2-Butene	15.12	53	747	0.20 ug/L #	42
84) n-Propylbenzene	14.77	91	2587	0.07 ug/L	74
86) 2-Chlorotoluene	15.05	91	1847	0.07 ug/L	74
87) 1,3,5-Trimethylbenzene	14.96	105	119	0.01 ug/L	77
88) 4-Chlorotoluene	15.28	91	1208	0.05 ug/L	88
89) tert-Butylbenzene	15.49	119	2995	0.17 ug/L #	64
90) Pentachloroethane	15.53	167	62	Below Cal #	13
91) 1,2,4-Trimethylbenzene	15.56	105	941	0.04 ug/L #	56
92) s-Butylbenzene	15.70	105	6931	0.25 ug/L	89
93) 1,3-Dichlorobenzene	16.02	146	1294	0.10 ug/L #	59
94) p-Isopropyltoluene	15.87	119	1291	0.06 ug/L #	44
95) 1,4-Dichlorobenzene	16.12	146	1464	0.10 ug/L #	1
96) n-Butylbenzene	16.37	91	3079	0.13 ug/L	89
97) 1,2-Dichlorobenzene	16.63	146	619	0.05 ug/L #	77
98) DBCP	17.73	157	57	0.03 ug/L	95
99) 1,2,4-Trichlorobenzene	0.00	180	0	N.D. d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF029.D
Acq On : 12 Jul 2007 6:10
Sample : b706062-01
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:38 2007

Vial: 29
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
100) Hexachlorobutadiene	0.00	225	0	N.D. d	
101) Naphthalene	0.00	128	0	N.D. d	
102) 1,2,3-Trichlorobenzene	0.00	180	0	N.D. d	

(#) = qualifier out of range (m) = manual integration

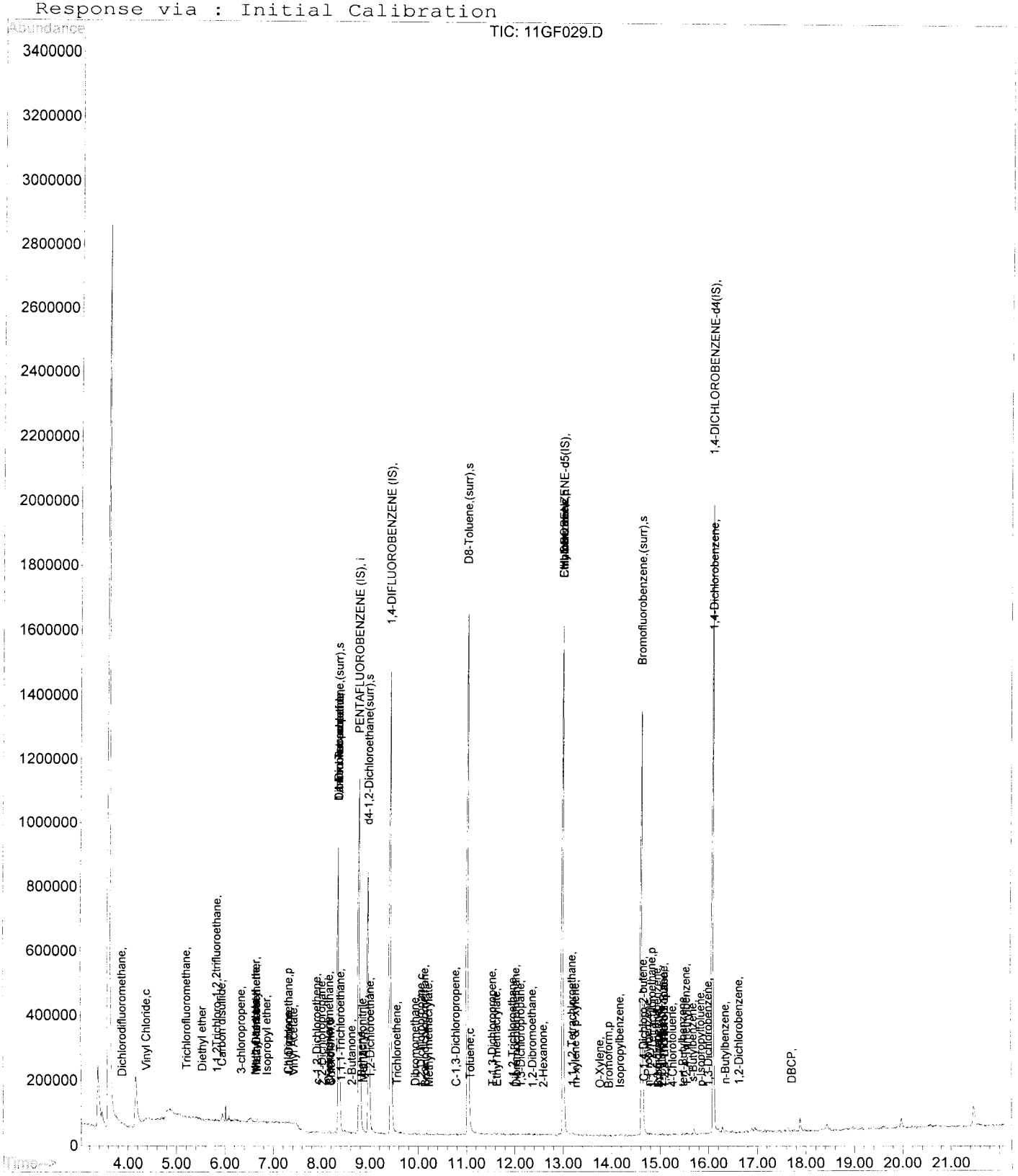
Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GF\11GF029.D
Acq On : 12 Jul 2007 6:10
Sample : b706062-01
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:38 2007

Vial: 29
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF032.D
Acq On : 12 Jul 2007 7:47
Sample : b706062-02
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:42 2007

Vial: 32
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.80	168	569318	50.00 ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	9.44	114	919364	50.00 ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.01	117	775886	50.00 ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.11	152	377404	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	8.36	113	486925	58.74 ug/L	0.00
Spiked Amount 50.000	Range 71 - 136		Recovery = 117.48%		
44) d4-1,2-Dichloroethane(surr	8.98	65	687334	61.68 µg/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 123.36%		
58) D8-Toluene (surr)	11.04	98	1020125	48.60 ug/L	0.00
Spiked Amount 50.000	Range 75 - 126		Recovery = 97.20%		
79) Bromofluorobenzene (surr)	14.63	95	469244	51.76 ug/L	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 103.52%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	4.04	85	155	0.01 ug/L	80
3) Chloromethane	4.34	50	1523	Below Cal	83
4) Vinyl Chloride	4.38	62	765	0.07 ug/L #	39
5) Bromomethane	0.00	94	0	N.D. d	
6) Chloroethane	4.99	64	2186	Below Cal	89
7) Trichlorofluoromethane	5.20	101	139	0.01 ug/L #	1
8) Diethyl ether	5.57	59	173	0.02 µg/L #	100
9) Ethanol	0.00	45	0	N.D. d	
10) 1,2-Dichloro-1,1,2-triflur	6.78	117	182	No Calib #	
11) acrolein	0.00	56	0	N.D. d	
12) 1,1,2Trichloro-1,2,2triflu	5.83	151	365	0.06 ug/L #	3
13) 1,1-Dichloroethene	5.83	96	640	0.08 ug/L #	37
14) Acetone	6.55	43	28025	0.39 ug/L	87
15) Iodomethane	6.08	142	8556	Below Cal	93
16) Carbon disulfide	5.96	76	20134	0.90 ug/L	83
17) Methyl acetate	0.00	43	0	N.D. d	
18) Acetonitrile	7.10	41	813	Below Cal #	1
19) 3-chloropropene	6.39	41	577	0.03 ug/L #	1
20) Methylene Chloride	6.50	84	2980	Below Cal #	47
21) Acrylonitrile	0.00	53	0	N.D. d	
22) Methyl tert-butyl ether	6.62	73	1230	0.04 ug/L	93
23) t-1,2-Dichloroethene	6.67	96	816	0.10 ug/L #	39
24) 1,1-Dichloroethane	7.37	63	565	0.03 ug/L #	1
25) Vinyl Acetate	7.54	43	2022	0.08 ug/L	98
26) Isopropyl ether	7.02	45	717	0.02 ug/L	98
27) Chloroprene	7.40	88	387	0.06 ug/L	94
28) 2-Butanone	0.00	72	0	N.D. d	
29) c-1,2-Dichloroethene	7.89	96	1160	0.15 ug/L #	54
30) 2,2-Dichloropropane	8.12	77	734	0.06 ug/L	79
31) Cyclohexane	8.17	84	351	0.04 µg/L #	100
32) Propionitrile	0.00	54	0	N.D. d	
33) Methacrylonitrile	8.88	41	999	0.11 ug/L #	18
34) Bromochloromethane	8.13	128	137	0.04 ug/L #	1
35) Chloroform	8.29	83	131	0.01 ug/L	90
36) Dibromofluoromethane	8.36	113	486925	58.74 ug/L	84
38) 1,1,1-Trichloroethane	8.42	97	172	0.01 ug/L #	56
39) 1,1-Dichloropropene	8.53	75	1065	0.10 ug/L #	54
40) Isobutyl alcohol	0.00	43	0	N.D. d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF032.D
Acq On : 12 Jul 2007 7:47
Sample : b706062-02
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:42 2007

Vial: 32
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
42) Carbon Tetrachloride	8.46	117	85	0.01 ug/L #	73
43) d4-1,2-Dichloroethane	8.98	65	687334	61.68 µg/L #	85
45) 1,2-Dichloroethane	9.05	62	520	0.04 ug/L #	2
46) Benzene	8.84	78	2351	0.09 ug/L	95
47) Methyl cyclohexane	0.00	83	0	N.D. d	
48) Trichloroethene	9.45	130	331	0.05 ug/L #	1
49) 1,2-Dichloropropane	10.10	63	227	0.03 ug/L #	32
50) Methyl methacrylate	10.16	69	668	0.12 ug/L #	38
51) 1,4-Dioxane	0.00	88	0	N.D. d	
52) Dibromomethane	9.95	93	239	0.04 ug/L #	64
53) Bromodichloromethane	10.19	83	181	0.01 ug/L	85
54) 2-Chloroethyl vinyl ether	0.00	63	0	N.D. d	
55) C-1,3-Dichloropropene	10.80	75	444	0.04 ug/L #	1
56) 4-Methyl-2-pentanone	11.52	100	116	0.10 ug/L #	1
57) D8-Toluene	11.04	98	1020125	48.60 ug/L	96
60) Toluene	11.11	92	6692	0.42 ug/L	96
61) T-1,3-Dichloropropene	11.58	75	294	0.03 ug/L #	1
62) Ethyl methacrylate	11.65	69	526	0.05 ug/L #	80
63) 1,1,2-Trichloroethane	11.75	97	154	0.02 ug/L #	1
64) 1,3-Dichloropropane	12.14	76	706	0.06 ug/L #	1
65) Tetrachloroethene	0.00	164	0	N.D. d	
66) 2-Hexanone	12.63	43	516	0.07 ug/L	96
67) Dibromochloromethane	12.00	129	181	0.02 ug/L	85
68) 1,2-Dibromoethane	12.47	107	155	0.02 ug/L	82
69) Chlorobenzene	13.03	112	990	0.06 ug/L	91
70) 1,1,1,2-Tetrachloroethane	13.09	131	71	0.01 ug/L #	34
71) Ethylbenzene	13.00	106	466	0.06 ug/L #	1
72) m-xylene & p-xylene	13.19	106	964	0.09 ug/L	89
73) O-Xylene	13.67	106	48	0.01 ug/L	96
74) Styrene	13.84	104	397	Below Cal #	26
75) Bromoform	13.84	173	61	0.01 ug/L	90
76) Isopropylbenzene	14.19	105	881	0.04 ug/L	83
77) C-1,4-Dichloro-2-butene	14.71	53	585	0.16 ug/L #	1
78) Bromofluorobenzene	14.63	95	469244	51.76 ug/L	85
80) 1,1,2,2-Tetrachloroethane	14.74	83	583	0.05 ug/L	83
81) Bromobenzene	14.84	156	186	0.02 ug/L	80
82) 1,2,3-Trichloropropane	15.07	75	70	0.01 ug/L #	1
83) T-1,4-Dichloro-2-Butene	0.00	53	0	N.D. d	
84) n-Propylbenzene	14.77	91	2423	0.07 ug/L	68
86) 2-Chlorotoluene	15.05	91	558	0.02 ug/L	69
87) 1,3,5-Trimethylbenzene	14.90	105	760	0.04 ug/L	93
88) 4-Chlorotoluene	15.26	91	939	0.05 ug/L	75
89) tert-Butylbenzene	15.48	119	1236	0.08 ug/L #	63
90) Pentachloroethane	15.58	167	97	Below Cal #	62
91) 1,2,4-Trimethylbenzene	15.56	105	1036	0.05 ug/L	78
92) s-Butylbenzene	15.70	105	2792	0.11 ug/L	99
93) 1,3-Dichlorobenzene	16.03	146	750	0.06 ug/L	80
94) p-Isopropyltoluene	15.85	119	1202	0.06 ug/L #	60
95) 1,4-Dichlorobenzene	16.03	146	690	0.05 ug/L	90
96) n-Butylbenzene	16.36	91	2933	0.13 ug/L	85
97) 1,2-Dichlorobenzene	16.64	146	629	0.05 ug/L #	44
98) DBCP	17.52	157	47	0.03 ug/L	96
99) 1,2,4-Trichlorobenzene	18.50	180	752	0.10 ug/L #	72

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF032.D
Acq On : 12 Jul 2007 7:47
Sample : b706062-02
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:42 2007

Vial: 32
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
100) Hexachlorobutadiene	18.41	225	464	0.15 ug/L	88
101) Naphthalene	0.00	128	0	N.D. d	
102) 1,2,3-Trichlorobenzene	19.25	180	838	0.12 ug/L	92

(#) = qualifier out of range (m) = manual integration

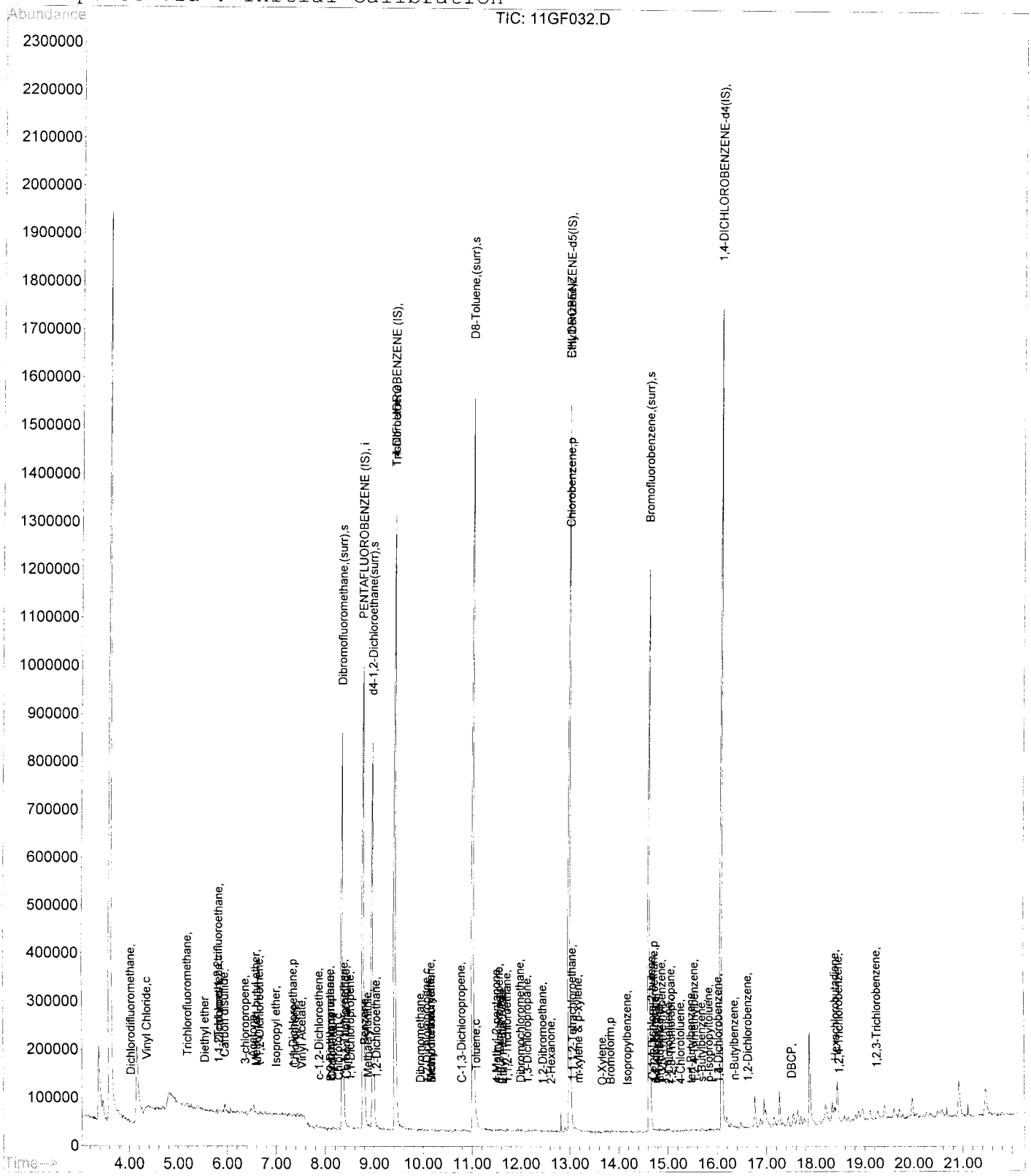
Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GF\11GF032.D
Acq On : 12 Jul 2007 7:47
Sample : b706062-02
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:42 2007

Vial: 32
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GK\11GK016.D
Acq On : 16 Jul 2007 19:06
Sample : B706062-02 RE1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 17 11:32 2007

Vial: 16
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGF

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.79	168	859706	50.00 ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	9.44	114	1286036	50.00 ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.00	117	915275	50.00 ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.10	152	458608	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	8.36	113	677758	54.15 ug/L	0.00
Spiked Amount 50.000 Range 71 - 136 Recovery = 108.30%					
44) d4-1,2-Dichloroethane(surr	8.98	65	900780	57.79 µg/L	0.00
Spiked Amount 50.000 Range 70 - 130 Recovery = 115.58%					
58) D8-Toluene (surr)	11.04	98	1312062	44.69 ug/L	0.00
Spiked Amount 50.000 Range 75 - 126 Recovery = 89.38%					
79) Bromofluorobenzene (surr)	14.64	95	551369	51.56 ug/L	0.00
Spiked Amount 50.000 Range 76 - 120 Recovery = 103.12%					
Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.89	85	748	N.D.	
3) Chloromethane	4.23	50	3331	Below Cal	82
4) Vinyl Chloride	4.36	62	1023	N.D.	
5) Bromomethane	0.00	94	0	N.D. d	
6) Chloroethane	4.94	64	2258	Below Cal	96
7) Trichlorofluoromethane	5.23	101	562	N.D.	
8) Diethyl ether	5.56	59	261	N.D.	
9) Ethanol	0.00	45	0	N.D. d	
10) 1,2-Dichloro-1,1,2-triflur	6.77	117	67	No Calib #	
11) acrolein	0.00	56	0	N.D. d	
12) 1,1,2Trichloro-1,2,2triflu	5.86	151	449	N.D.	
13) 1,1-Dichloroethene	5.83	96	1667	N.D.	
14) Acetone	6.55	43	35084	Below Cal	90
15) Iodomethane	6.18	142	902	Below Cal	83
16) Carbon disulfide	5.96	76	15224	0.45 ug/L	78
17) Methyl acetate	0.00	43	0	N.D. d	
18) Acetonitrile	7.09	41	1404	Below Cal #	12
19) 3-chloropropene	6.36	41	1249	N.D.	
20) Methylene Chloride	6.50	84	3398	Below Cal #	58
21) Acrylonitrile	0.00	53	0	N.D. d	
22) Methyl tert-butyl ether	6.76	73	802	N.D.	
23) t-1,2-Dichloroethene	6.69	96	1863	N.D.	
24) 1,1-Dichloroethane	7.36	63	2118	N.D.	
25) Vinyl Acetate	7.51	43	1011	N.D.	
26) Isopropyl ether	7.18	45	1036	N.D.	
27) Chloroprene	7.19	88	480	N.D.	
28) 2-Butanone	0.00	72	0	N.D. d	
29) c-1,2-Dichloroethene	7.90	96	674	N.D.	
30) 2,2-Dichloropropane	8.02	77	618	N.D.	
31) Cyclohexane	8.15	84	870	N.D.	
32) Propionitrile	8.86	54	143	N.D.	
33) Methacrylonitrile	8.89	41	772	N.D.	
34) Bromochloromethane	8.30	128	105	N.D.	
35) Chloroform	8.13	83	207	N.D.	
36) Dibromofluoromethane	8.36	113	677758	54.15 ug/L	88
38) 1,1,1-Trichloroethane	8.45	97	553	N.D.	
39) 1,1-Dichloropropene	0.00	75	0	N.D.	
40) Isobutyl alcohol	0.00	43	0	N.D. d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GK\11GK016.D
Acq On : 16 Jul 2007 19:06
Sample : B706062-02 RE1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 17 11:32 2007

Vial: 16
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGF

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
42)	Carbon Tetrachloride	8.36	117	220	N.D.	
43)	d4-1,2-Dichloroethane	8.98	65	900780	57.79 µg/L #	89
45)	1,2-Dichloroethane	9.04	62	338	N.D.	
46)	Benzene	8.84	78	1240	N.D.	
47)	Methyl cyclohexane	0.00	83	0	N.D. d	
48)	Trichloroethene	9.44	130	1181	N.D.	
49)	1,2-Dichloropropane	10.07	63	307	N.D.	
50)	Methyl methacrylate	10.14	69	379	N.D.	
51)	1,4-Dioxane	0.00	88	0	N.D. d	
52)	Dibromomethane	9.96	93	671	N.D.	
53)	Bromodichloromethane	10.13	83	545	N.D.	
54)	2-Chloroethyl vinyl ether	0.00	63	0	N.D. d	
55)	C-1,3-Dichloropropene	10.79	75	698	N.D.	
56)	4-Methyl-2-pentanone	11.47	100	77	N.D.	
57)	D8-Toluene	11.04	98	1312062	44.69 ug/L	99
60)	Toluene	11.09	92	8178	0.44 ug/L	89
61)	T-1,3-Dichloropropene	11.58	75	337	N.D.	
62)	Ethyl methacrylate	11.66	69	528	N.D.	
63)	1,1,2-Trichloroethane	11.78	97	70	N.D.	
64)	1,3-Dichloropropane	12.19	76	154	N.D.	
65)	Tetrachloroethene	0.00	164	0	N.D. d	
66)	2-Hexanone	12.52	43	876	N.D.	
67)	Dibromochloromethane	12.02	129	96	N.D.	
68)	1,2-Dibromoethane	12.43	107	175	N.D.	
69)	Chlorobenzene	13.02	112	1284	N.D.	
70)	1,1,1,2-Tetrachloroethane	13.10	131	61	N.D.	
71)	Ethylbenzene	13.01	106	561	N.D.	
72)	m-xylene & p-xylene	13.18	106	1111	N.D.	
73)	O-Xylene	13.87	106	215	N.D.	
74)	Styrene	13.86	104	182	Below Cal #	1
75)	Bromoform	14.01	173	220	N.D.	
76)	Isopropylbenzene	14.19	105	1092	N.D.	
77)	C-1,4-Dichloro-2-butene	14.65	53	498	N.D.	
78)	Bromofluorobenzene	14.64	95	551369	51.56 ug/L	85
80)	1,1,2,2-Tetrachloroethane	14.87	83	327	N.D.	
81)	Bromobenzene	14.81	156	166	N.D.	
82)	1,2,3-Trichloropropane	15.08	75	350	N.D.	
83)	T-1,4-Dichloro-2-Butene	15.12	53	607	N.D.	
84)	n-Propylbenzene	14.77	91	2476	N.D.	
86)	2-Chlorotoluene	15.19	91	162	N.D.	
87)	1,3,5-Trimethylbenzene	14.88	105	659	N.D.	
88)	4-Chlorotoluene	15.28	91	921	N.D.	
89)	tert-Butylbenzene	15.48	119	1299	N.D.	
90)	Pentachloroethane	15.55	167	165	Below Cal #	48
91)	1,2,4-Trimethylbenzene	15.56	105	1227	N.D.	
92)	s-Butylbenzene	15.70	105	3419	N.D.	
93)	1,3-Dichlorobenzene	16.03	146	342	N.D.	
94)	p-Isopropyltoluene	15.86	119	1024	N.D.	
95)	1,4-Dichlorobenzene	16.11	146	1659	N.D.	
96)	n-Butylbenzene	16.37	91	2891	N.D.	
97)	1,2-Dichlorobenzene	16.64	146	645	N.D.	
98)	DBCP	17.62	157	60	N.D.	
99)	1,2,4-Trichlorobenzene	18.50	180	953	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GK\11GK016.D
Acq On : 16 Jul 2007 19:06
Sample : B706062-02 RE1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 17 11:32 2007

Vial: 16
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGF

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
100) Hexachlorobutadiene	0.00	225	0	N.D. d	
101) Naphthalene	0.00	128	0	N.D. d	
102) 1,2,3-Trichlorobenzene	0.00	180	0	N.D. d	

(#) = qualifier out of range (m) = manual integration

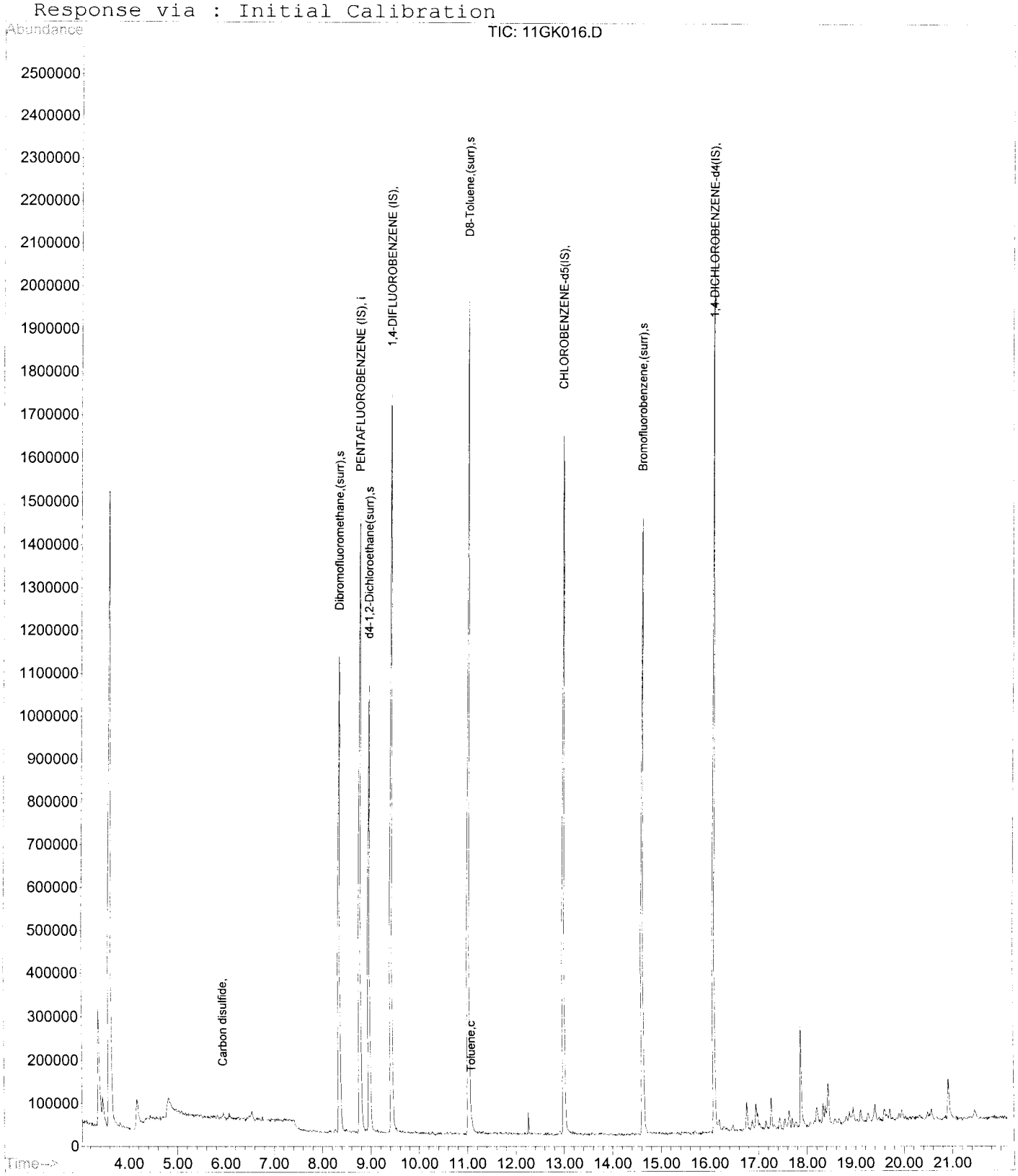
Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GK\11GK016.D
Acq On : 16 Jul 2007 19:06
Sample : B706062-02 RE1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 17 11:32 2007

Vial: 16
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF033.D
Acq On : 12 Jul 2007 8:20
Sample : b706062-03
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:44 2007

Vial: 33
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.79	168	621688	50.00 ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	9.44	114	982968	50.00 ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.01	117	825273	50.00 ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.10	152	417582	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	8.37	113	513535	56.73 ug/L	0.00
Spiked Amount 50.000	Range 71 - 136		Recovery = 113.46%		
44) d4-1,2-Dichloroethane(surr	8.98	65	717422	60.22 µg/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 120.44%		
58) D8-Toluene (surr)	11.04	98	1100970	49.06 ug/L	0.00
Spiked Amount 50.000	Range 75 - 126		Recovery = 98.12%		
79) Bromofluorobenzene (surr)	14.64	95	499611	51.82 ug/L	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 103.64%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.90	85	762	0.05 ug/L	89
3) Chloromethane	4.24	50	8676	Below Cal	80
4) Vinyl Chloride	0.00	62	0	N.D. d	
5) Bromomethane	0.00	94	0	N.D. d	
6) Chloroethane	5.05	64	2824	Below Cal	79
7) Trichlorofluoromethane	5.23	101	570	0.03 ug/L #	1
8) Diethyl ether	5.57	59	504	0.05 µg/L #	100
9) Ethanol	0.00	45	0	N.D. d	
10) 1,2-Dichloro-1,1,2-triflur	6.81	117	576	No Calib #	
11) acrolein	0.00	56	0	N.D. d	
12) 1,1,2Trichloro-1,2,2triflu	5.86	151	329	0.05 ug/L #	1
13) 1,1-Dichloroethene	5.84	96	977	0.11 ug/L #	79
14) Acetone	6.55	43	15369	Below Cal	81
15) Iodomethane	6.09	142	6298	Below Cal #	51
16) Carbon disulfide	5.96	76	20680	0.85 ug/L	84
17) Methyl acetate	6.65	43	2423	0.16 µg/L #	100
18) Acetonitrile	7.07	41	2790	Below Cal #	71
19) 3-chloropropene	0.00	41	0	N.D. d	
20) Methylene Chloride	6.51	84	6439	Below Cal #	67
21) Acrylonitrile	0.00	53	0	N.D. d	
22) Methyl tert-butyl ether	6.73	73	2360	0.08 ug/L	60
23) t-1,2-Dichloroethene	6.51	96	641	0.07 ug/L	94
24) 1,1-Dichloroethane	7.34	63	2190	0.11 ug/L #	44
25) Vinyl Acetate	7.53	43	1190	0.04 ug/L	91
26) Isopropyl ether	7.07	45	3523	0.09 ug/L #	60
27) Chloroprene	7.32	88	475	0.06 ug/L	94
28) 2-Butanone	0.00	72	0	N.D. d	
29) c-1,2-Dichloroethene	7.91	96	2972	0.34 ug/L #	81
30) 2,2-Dichloropropane	8.05	77	284	0.02 ug/L #	1
31) Cyclohexane	0.00	84	0	N.D. d	
32) Propionitrile	8.87	54	262	0.15 ug/L #	69
33) Methacrylonitrile	0.00	41	0	N.D.	
34) Bromochloromethane	8.14	128	111	0.03 ug/L #	74
35) Chloroform	8.32	83	337	0.02 ug/L	83
36) Dibromofluoromethane	8.37	113	513535	56.73 ug/L	85
38) 1,1,1-Trichloroethane	8.45	97	244	0.02 ug/L #	1
39) 1,1-Dichloropropene	0.00	75	0	N.D.	
40) Isobutyl alcohol	0.00	43	0	N.D. d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF033.D
Acq On : 12 Jul 2007 8:20
Sample : b706062-03
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:44 2007

Vial: 33
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
42)	Carbon Tetrachloride	8.37	117	137	0.01 ug/L #	1
43)	d4-1,2-Dichloroethane	8.98	65	717422	60.22 µg/L #	86
45)	1,2-Dichloroethane	9.09	62	146	0.01 ug/L #	1
46)	Benzene	8.84	78	15573	0.54 ug/L	89
47)	Methyl cyclohexane	0.00	83	0	N.D. d	
48)	Trichloroethene	9.55	130	109	0.02 ug/L	88
49)	1,2-Dichloropropane	10.08	63	48	0.01 ug/L #	1
50)	Methyl methacrylate	0.00	69	0	N.D. d	
51)	1,4-Dioxane	0.00	88	0	N.D. d	
52)	Dibromomethane	9.94	93	689	0.10 ug/L #	11
53)	Bromodichloromethane	0.00	83	0	N.D. d	
54)	2-Chloroethyl vinyl ether	0.00	63	0	N.D. d	
55)	C-1,3-Dichloropropene	10.75	75	679	0.05 ug/L	86
56)	4-Methyl-2-pentanone	0.00	100	0	N.D. d	
57)	D8-Toluene	11.04	98	1100970	49.06 ug/L	98
60)	Toluene	11.10	92	3688	0.22 ug/L	88
61)	T-1,3-Dichloropropene	11.46	75	514	0.04 ug/L	69
62)	Ethyl methacrylate	11.53	69	428	0.04 ug/L	80
63)	1,1,2-Trichloroethane	11.79	97	383	0.06 ug/L #	1
64)	1,3-Dichloropropane	12.33	76	188	0.01 ug/L	93
65)	Tetrachloroethene	0.00	164	0	N.D. d	
66)	2-Hexanone	0.00	43	0	N.D. d	
67)	Dibromochloromethane	12.04	129	55	0.01 ug/L	96
68)	1,2-Dibromoethane	12.39	107	316	0.04 ug/L #	43
69)	Chlorobenzene	12.91	112	226	0.01 ug/L	84
70)	1,1,1,2-Tetrachloroethane	13.05	131	145	0.02 ug/L #	23
71)	Ethylbenzene	13.18	106	870	0.10 ug/L	77
72)	m-xylene & p-xylene	13.18	106	870	0.08 ug/L #	49
73)	O-Xylene	13.79	106	703	0.07 ug/L #	54
74)	Styrene	13.87	104	311	Below Cal #	1
75)	Bromoform	13.89	173	99	0.02 ug/L	91
76)	Isopropylbenzene	14.19	105	44142	1.82 ug/L	91
77)	C-1,4-Dichloro-2-butene	14.65	53	474	0.12 ug/L #	1
78)	Bromofluorobenzene	14.64	95	499611	51.82 ug/L	86
80)	1,1,2,2-Tetrachloroethane	14.85	83	358	0.03 ug/L #	68
81)	Bromobenzene	14.82	156	348	0.04 ug/L #	45
82)	1,2,3-Trichloropropane	15.13	75	116	0.01 ug/L #	1
83)	T-1,4-Dichloro-2-Butene	0.00	53	0	N.D. d	
84)	n-Propylbenzene	14.77	91	108543	3.06 ug/L	86
86)	2-Chlorotoluene	15.05	91	902	0.04 ug/L	95
87)	1,3,5-Trimethylbenzene	15.02	105	766	0.03 ug/L #	30
88)	4-Chlorotoluene	15.11	91	239	0.01 ug/L	67
89)	tert-Butylbenzene	15.47	119	3323	0.19 ug/L #	64
90)	Pentachloroethane	15.53	167	33	Below Cal #	1
91)	1,2,4-Trimethylbenzene	15.56	105	2250	0.10 ug/L	97
92)	s-Butylbenzene	15.71	105	42485	1.55 ug/L	92
93)	1,3-Dichlorobenzene	16.02	146	726	0.05 ug/L #	44
94)	p-Isopropyltoluene	15.86	119	4136	0.19 ug/L	95
95)	1,4-Dichlorobenzene	16.12	146	726	0.05 ug/L #	1
96)	n-Butylbenzene	16.36	91	38981	1.61 ug/L	93
97)	1,2-Dichlorobenzene	16.66	146	514	0.04 ug/L #	60
98)	DBCP	17.64	157	71	0.04 ug/L #	1
99)	1,2,4-Trichlorobenzene	18.50	180	1372	0.17 ug/L #	77

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF033.D
Acq On : 12 Jul 2007 8:20
Sample : b706062-03
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:44 2007

Vial: 33
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
100) Hexachlorobutadiene	18.42	225	191	0.06 ug/L #	1
101) Naphthalene	18.98	128	27594	1.34 ug/L #	1
102) 1,2,3-Trichlorobenzene	19.24	180	1220	0.16 ug/L #	36

(#) = qualifier out of range (m) = manual integration

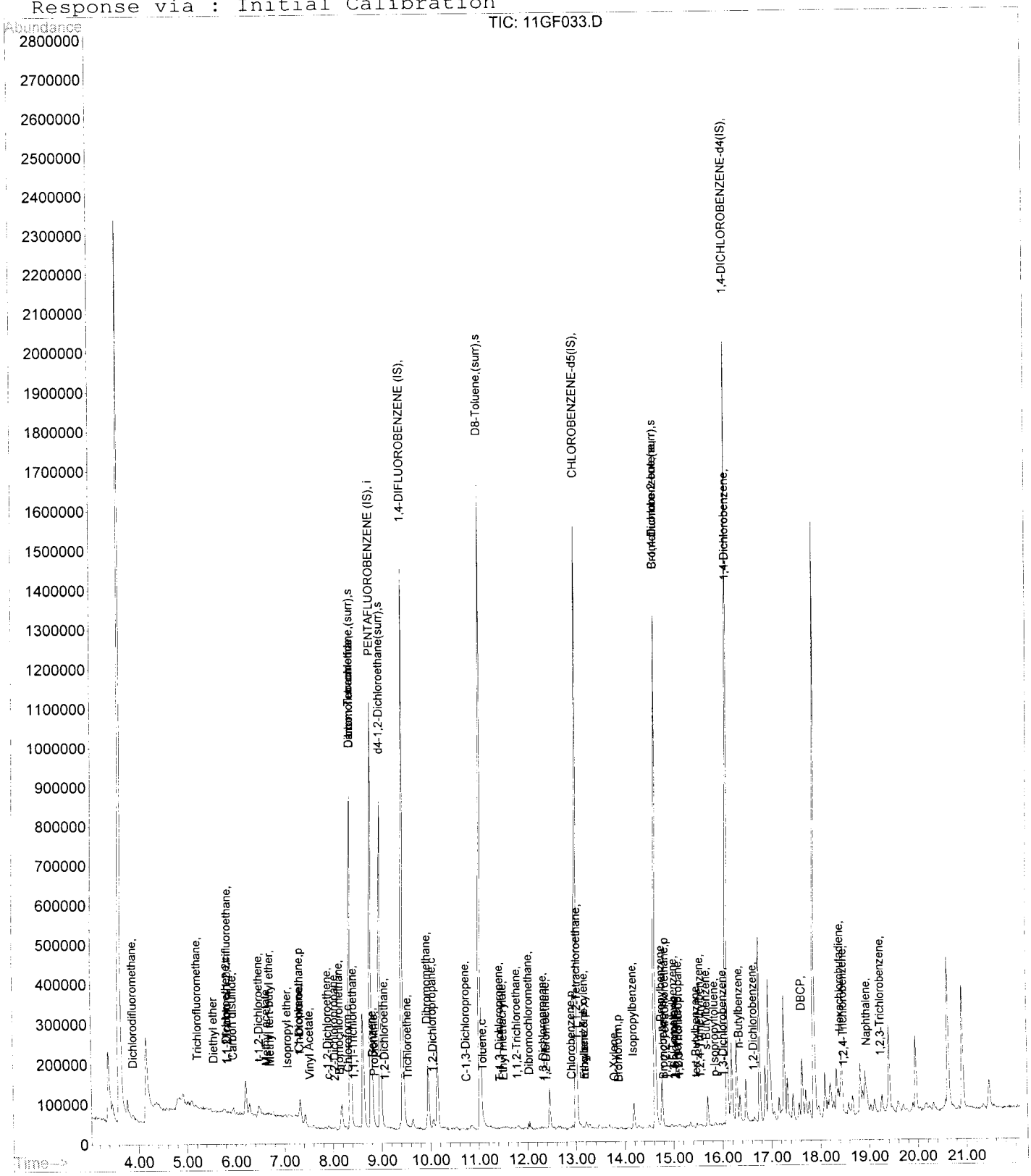
Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GF\11GF033.D
Acq On : 12 Jul 2007 8:20
Sample : b706062-03
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:44 2007

Vial: 33
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF034.D
Acq On : 12 Jul 2007 8:52
Sample : b706062-04
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:45 2007

Vial: 34
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.80	168	682859	50.00 ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	9.44	114	1096392	50.00 ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.01	117	883267	50.00 ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.11	152	426028	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	8.36	113	573289	57.66 ug/L	0.00
Spiked Amount 50.000 Range 71 - 136 Recovery = 115.32%					
44) d4-1,2-Dichloroethane(surr	8.98	65	776726	58.45 µg/L	0.00
Spiked Amount 50.000 Range 70 - 130 Recovery = 116.90%					
58) D8-Toluene (surr)	11.04	98	1153787	46.09 ug/L	0.00
Spiked Amount 50.000 Range 75 - 126 Recovery = 92.18%					
79) Bromofluorobenzene (surr)	14.64	95	527629	51.13 ug/L	0.00
Spiked Amount 50.000 Range 76 - 120 Recovery = 102.26%					

Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.90	85	471	0.03 ug/L	80
3) Chloromethane	4.25	50	13654	Below Cal	71
4) Vinyl Chloride	0.00	62	0	N.D. d	
5) Bromomethane	0.00	94	0	N.D. d	
6) Chloroethane	5.03	64	3224	Below Cal	84
7) Trichlorofluoromethane	5.19	101	647	0.03 ug/L #	1
8) Diethyl ether	5.55	59	874	0.08 µg/L #	100
9) Ethanol	0.00	45	0	N.D. d	
10) 1,2-Dichloro-1,1,2-triflur	6.78	117	258	No Calib #	
11) acrolein	0.00	56	0	N.D. d	
12) 1,1,2Trichloro-1,2,2triflu	5.88	151	289	0.04 ug/L #	1
13) 1,1-Dichloroethene	5.85	96	1129	0.12 ug/L #	58
14) Acetone	6.54	43	16155	Below Cal	92
15) Iodomethane	6.08	142	8156	Below Cal	79
16) Carbon disulfide	5.95	76	21868	0.82 ug/L	100
17) Methyl acetate	6.64	43	2096	0.13 µg/L #	100
18) Acetonitrile	7.07	41	6970	Below Cal #	67
19) 3-chloropropene	0.00	41	0	N.D. d	
20) Methylene Chloride	6.50	84	7081	Below Cal #	84
21) Acrylonitrile	0.00	53	0	N.D. d	
22) Methyl tert-butyl ether	6.75	73	1879	0.05 ug/L #	1
23) t-1,2-Dichloroethene	6.68	96	2032	0.20 ug/L	88
24) 1,1-Dichloroethane	7.35	63	2980	0.14 ug/L #	65
25) Vinyl Acetate	7.60	43	2212	0.07 ug/L	94
26) Isopropyl ether	7.12	45	846	0.02 ug/L	94
27) Chloroprene	7.32	88	435	0.05 ug/L #	1
28) 2-Butanone	0.00	72	0	N.D. d	
29) c-1,2-Dichloroethene	7.91	96	3473	0.36 ug/L #	84
30) 2,2-Dichloropropane	8.20	77	789	0.05 ug/L	98
31) Cyclohexane	8.16	84	7280m	0.65 µg/L	
32) Propionitrile	8.86	54	330	0.18 ug/L #	69
33) Methacrylonitrile	8.86	41	1643	0.16 ug/L #	18
34) Bromochloromethane	8.12	128	63	0.02 ug/L	88
35) Chloroform	8.24	83	139	0.01 ug/L	98
36) Dibromofluoromethane	8.36	113	573289	57.66 ug/L	86
38) 1,1,1-Trichloroethane	8.48	97	189	0.01 ug/L #	1
39) 1,1-Dichloropropene	8.36	75	1138	0.09 ug/L #	1
40) Isobutyl alcohol	0.00	43	0	N.D. d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF034.D
Acq On : 12 Jul 2007 8:52
Sample : b706062-04
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:45 2007

Vial: 34
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
42)	Carbon Tetrachloride	8.42	117	118	0.01 ug/L #	15
43)	d4-1,2-Dichloroethane	8.98	65	776726	58.45 µg/L #	84
45)	1,2-Dichloroethane	9.12	62	38	0.00 ug/L #	1
46)	Benzene	8.84	78	17142	0.53 ug/L	72
47)	Methyl cyclohexane	0.00	83	0	N.D. d	
48)	Trichloroethene	9.57	130	124	0.02 ug/L	82
49)	1,2-Dichloropropane	10.07	63	221	0.02 ug/L #	53
50)	Methyl methacrylate	10.30	69	426	0.06 ug/L	75
51)	1,4-Dioxane	0.00	88	0	N.D. d	
52)	Dibromomethane	9.95	93	666	0.09 ug/L #	42
53)	Bromodichloromethane	10.04	83	993	0.06 ug/L #	27
54)	2-Chloroethyl vinyl ether	0.00	63	0	N.D. d	
55)	C-1,3-Dichloropropene	10.81	75	604	0.04 ug/L #	30
56)	4-Methyl-2-pentanone	11.51	100	132	0.10 ug/L #	39
57)	D8-Toluene	11.04	98	1153787	46.09 ug/L	99
60)	Toluene	11.11	92	8954	0.50 ug/L	89
61)	T-1,3-Dichloropropene	11.55	75	1052	0.08 ug/L #	1
62)	Ethyl methacrylate	11.68	69	954	0.08 ug/L #	59
63)	1,1,2-Trichloroethane	11.67	97	219	0.03 ug/L	87
64)	1,3-Dichloropropane	12.16	76	146	0.01 ug/L #	41
65)	Tetrachloroethene	0.00	164	0	N.D. d	
66)	2-Hexanone	0.00	43	0	N.D. d	
67)	Dibromochloromethane	12.04	129	167	0.02 ug/L #	57
68)	1,2-Dibromoethane	12.39	107	156	0.02 ug/L #	1
69)	Chlorobenzene	13.02	112	308	0.02 ug/L	79
70)	1,1,1,2-Tetrachloroethane	13.13	131	73	0.01 ug/L #	54
71)	Ethylbenzene	13.01	106	4869	0.51 ug/L #	2
72)	m-xylene & p-xylene	13.19	106	872	0.08 ug/L #	55
73)	O-Xylene	13.79	106	1027	0.10 ug/L	93
74)	Styrene	13.85	104	570	Below Cal #	52
75)	Bromoform	13.95	173	32	0.00 ug/L #	1
76)	Isopropylbenzene	14.20	105	44077	1.70 ug/L	91
77)	C-1,4-Dichloro-2-butene	0.00	53	0	N.D. d	
78)	Bromofluorobenzene	14.64	95	527629	51.13 ug/L	85
80)	1,1,2,2-Tetrachloroethane	14.72	83	400	0.03 ug/L	93
81)	Bromobenzene	14.83	156	379	0.04 ug/L #	74
82)	1,2,3-Trichloropropane	15.11	75	622	0.04 ug/L #	36
83)	T-1,4-Dichloro-2-Butene	15.10	53	706	0.18 ug/L #	42
84)	n-Propylbenzene	14.77	91	105873	2.79 ug/L	87
86)	2-Chlorotoluene	15.05	91	971	0.04 ug/L	73
87)	1,3,5-Trimethylbenzene	15.01	105	453	0.02 ug/L #	30
88)	4-Chlorotoluene	15.28	91	1123	0.05 ug/L	79
89)	tert-Butylbenzene	15.48	119	3089	0.18 ug/L	83
90)	Pentachloroethane	15.59	167	144	Below Cal #	1
91)	1,2,4-Trimethylbenzene	15.56	105	2252	0.10 ug/L	96
92)	s-Butylbenzene	15.70	105	43318	1.55 ug/L	99
93)	1,3-Dichlorobenzene	16.01	146	733	0.05 ug/L #	45
94)	p-Isopropyltoluene	15.86	119	2769	0.13 ug/L #	79
95)	1,4-Dichlorobenzene	16.01	146	733	0.05 ug/L	98
96)	n-Butylbenzene	16.36	91	36495	1.48 ug/L	91
97)	1,2-Dichlorobenzene	16.64	146	418	0.03 ug/L #	82
98)	DBCP	17.63	157	94	0.05 ug/L	82
99)	1,2,4-Trichlorobenzene	18.49	180	1046	0.13 ug/L #	82

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF034.D
Acq On : 12 Jul 2007 8:52
Sample : b706062-04
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:45 2007

Vial: 34
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
100) Hexachlorobutadiene	18.42	225	103	0.03 ug/L #	1
101) Naphthalene	18.97	128	27829	1.32 ug/L #	9
102) 1,2,3-Trichlorobenzene	19.23	180	884	0.11 ug/L #	56

(#) = qualifier out of range (m) = manual integration

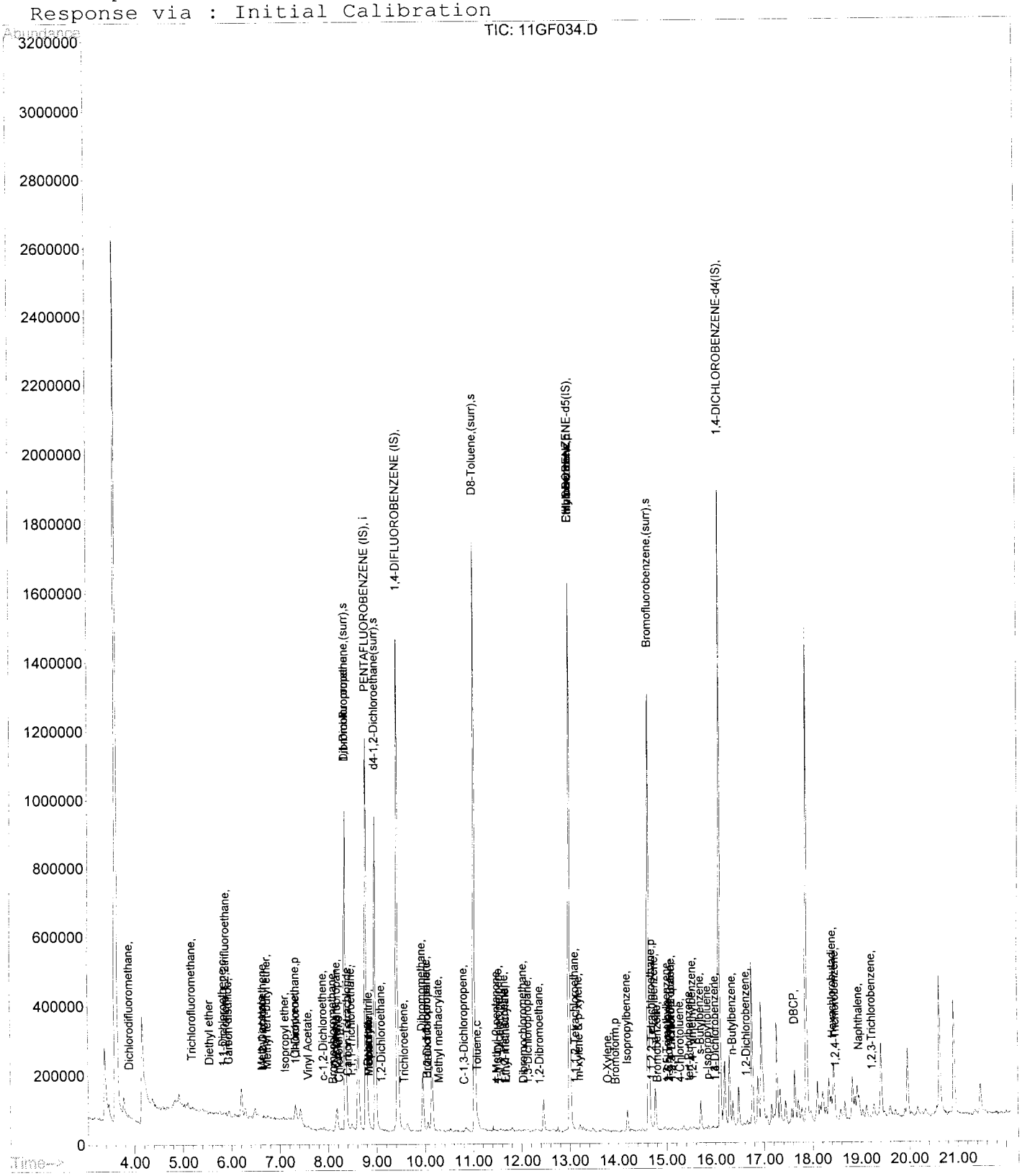
Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GF\11GF034.D
Acq On : 12 Jul 2007 8:52
Sample : b706062-04
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:45 2007

Vial: 34
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF035.D
Acq On : 12 Jul 2007 9:24
Sample : b706062-05
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:46 2007

Vial: 35
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.79	168	686556	50.00	ug/L	-0.01
41) 1,4-DIFLUOROBENZENE (IS)	9.44	114	1085895	50.00	ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.01	117	889948	50.00	ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.10	152	431182	50.00	ug/L	0.00
System Monitoring Compounds						
37) Dibromofluoromethane (surr	8.37	113	561071	56.13	ug/L	0.00
Spiked Amount 50.000 Range 71 - 136 Recovery = 112.26%						
44) d4-1,2-Dichloroethane(surr	8.99	65	740522	56.26	µg/L	0.00
Spiked Amount 50.000 Range 70 - 130 Recovery = 112.52%						
58) D8-Toluene (surr)	11.03	98	1172709	47.30	ug/L	-0.01
Spiked Amount 50.000 Range 75 - 126 Recovery = 94.60%						
79) Bromofluorobenzene (surr)	14.64	95	523928	50.39	ug/L	0.00
Spiked Amount 50.000 Range 76 - 120 Recovery = 100.78%						

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.96	85	169	0.01	ug/L	98
3) Chloromethane	4.24	50	7309	Below Cal		90
4) Vinyl Chloride	0.00	62	0	N.D. d		
5) Bromomethane	0.00	94	0	N.D. d		
6) Chloroethane	5.01	64	2928	Below Cal		86
7) Trichlorofluoromethane	5.21	101	670	0.04	ug/L #	1
8) Diethyl ether	5.57	59	877	0.08	µg/L #	100
9) Ethanol	0.00	45	0	N.D. d		
10) 1,2-Dichloro-1,1,2-triflur	6.75	117	194	No Calib		
11) acrolein	0.00	56	0	N.D. d		
12) 1,1,2Trichloro-1,2,2triflu	5.87	151	282	0.04	ug/L #	43
13) 1,1-Dichloroethene	5.85	96	558	0.06	ug/L #	1
14) Acetone	6.55	43	13647	Below Cal		84
15) Iodomethane	6.09	142	5396	Below Cal	#	47
16) Carbon disulfide	5.96	76	19860	0.74	ug/L	90
17) Methyl acetate	6.63	43	2428	0.15	µg/L #	100
18) Acetonitrile	7.11	41	2882	Below Cal	#	14
19) 3-chloropropene	6.42	41	1685	0.08	ug/L #	14
20) Methylene Chloride	6.50	84	6577	Below Cal	#	68
21) Acrylonitrile	7.56	53	591	0.19	ug/L	80
22) Methyl tert-butyl ether	6.74	73	1207	0.04	ug/L #	1
23) t-1,2-Dichloroethene	6.68	96	23163	2.26	ug/L	89
24) 1,1-Dichloroethane	7.36	63	1438	0.07	ug/L #	32
25) Vinyl Acetate	7.52	43	4311	0.14	ug/L	88
26) Isopropyl ether	7.08	45	2576	0.06	ug/L #	67
27) Chloroprene	7.29	88	241	0.03	ug/L #	1
28) 2-Butanone	8.48	72	3790	3.28	ug/L #	32
29) c-1,2-Dichloroethene	7.91	96	15346	1.60	ug/L	88
30) 2,2-Dichloropropane	8.02	77	338	0.02	ug/L	85
31) Cyclohexane	8.17	84	619	0.05	µg/L #	100
32) Propionitrile	8.88	54	206	0.11	ug/L #	69
33) Methacrylonitrile	8.85	41	1033	0.10	ug/L #	18
34) Bromochloromethane	7.98	128	52	0.01	ug/L	96
35) Chloroform	8.09	83	54	0.00	ug/L	92
36) Dibromofluoromethane	8.37	113	561071	56.13	ug/L	85
38) 1,1,1-Trichloroethane	8.44	97	60	0.00	ug/L #	70
39) 1,1-Dichloropropene	0.00	75	0	N.D.		
40) Isobutyl alcohol	0.00	43	0	N.D. d		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF035.D
Acq On : 12 Jul 2007 9:24
Sample : b706062-05
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:46 2007

Vial: 35
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
42)	Carbon Tetrachloride	8.35	117	216	0.02 ug/L #	1
43)	d4-1,2-Dichloroethane	8.99	65	740522	56.26 µg/L #	85
45)	1,2-Dichloroethane	9.06	62	506	0.03 ug/L #	1
46)	Benzene	8.84	78	2730	0.09 ug/L #	54
47)	Methyl cyclohexane	0.00	83	0	N.D. d	
48)	Trichloroethene	9.45	130	453	0.06 ug/L #	36
49)	1,2-Dichloropropane	10.26	63	227	0.03 ug/L	84
50)	Methyl methacrylate	10.20	69	256	0.04 ug/L	72
51)	1,4-Dioxane	0.00	88	0	N.D. d	
52)	Dibromomethane	9.96	93	690	0.09 ug/L #	36
53)	Bromodichloromethane	10.08	83	655	0.04 ug/L #	37
54)	2-Chloroethyl vinyl ether	0.00	63	0	N.D. d	
55)	C-1,3-Dichloropropene	10.80	75	698	0.05 ug/L #	13
56)	4-Methyl-2-pentanone	11.48	100	149	0.11 ug/L #	71
57)	D8-Toluene	11.03	98	1172709	47.30 ug/L	98
60)	Toluene	11.10	92	9056	0.50 ug/L	97
61)	T-1,3-Dichloropropene	11.56	75	950	0.07 ug/L #	2
62)	Ethyl methacrylate	11.66	69	103	0.01 ug/L #	22
63)	1,1,2-Trichloroethane	11.79	97	273	0.04 ug/L #	62
64)	1,3-Dichloropropane	12.15	76	577	0.04 ug/L #	1
65)	Tetrachloroethene	0.00	164	0	N.D. d	
66)	2-Hexanone	12.55	43	1202	0.15 ug/L #	42
67)	Dibromochloromethane	12.02	129	149	0.02 ug/L	77
68)	1,2-Dibromoethane	12.43	107	317	0.04 ug/L #	58
69)	Chlorobenzene	12.97	112	128	0.01 ug/L	83
70)	1,1,1,2-Tetrachloroethane	12.92	131	209	0.03 ug/L	93
71)	Ethylbenzene	13.03	106	433	0.05 ug/L #	1
72)	m-xylene & p-xylene	13.20	106	515	0.04 ug/L	73
73)	O-Xylene	13.87	106	126	0.01 ug/L	70
74)	Styrene	13.86	104	502	Below Cal #	56
75)	Bromoform	13.87	173	129	0.02 ug/L	81
76)	Isopropylbenzene	14.20	105	821	0.03 ug/L	91
77)	C-1,4-Dichloro-2-butene	14.71	53	492	0.12 ug/L #	1
78)	Bromofluorobenzene	14.64	95	523928	50.39 ug/L	85
80)	1,1,2,2-Tetrachloroethane	14.84	83	221	0.02 ug/L #	1
81)	Bromobenzene	14.84	156	339	0.04 ug/L	98
82)	1,2,3-Trichloropropane	15.10	75	93	0.01 ug/L #	59
83)	T-1,4-Dichloro-2-Butene	15.07	53	274	0.07 ug/L #	61
84)	n-Propylbenzene	14.77	91	1317	0.03 ug/L	72
86)	2-Chlorotoluene	14.93	91	116	0.00 ug/L	97
87)	1,3,5-Trimethylbenzene	14.91	105	93	0.00 ug/L	80
88)	4-Chlorotoluene	15.19	91	146	0.01 ug/L	80
89)	tert-Butylbenzene	15.47	119	495	0.03 ug/L #	63
90)	Pentachloroethane	15.57	167	66	Below Cal #	43
91)	1,2,4-Trimethylbenzene	15.47	105	80	0.00 ug/L	92
92)	s-Butylbenzene	15.70	105	856	0.03 ug/L	88
93)	1,3-Dichlorobenzene	16.01	146	655	0.05 ug/L #	53
94)	p-Isopropyltoluene	15.86	119	774	0.04 ug/L	89
95)	1,4-Dichlorobenzene	16.13	146	897	0.06 ug/L #	1
96)	n-Butylbenzene	16.36	91	1729	0.07 ug/L	91
97)	1,2-Dichlorobenzene	16.63	146	305	0.02 ug/L #	26
98)	DBCP	17.64	157	298	0.15 ug/L #	30
99)	1,2,4-Trichlorobenzene	18.50	180	437	0.05 ug/L #	18

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF035.D
Acq On : 12 Jul 2007 9:24
Sample : b706062-05
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:46 2007

Vial: 35
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
100) Hexachlorobutadiene	18.41	225	165	0.05 ug/L #	70
101) Naphthalene	18.99	128	1057	0.05 ug/L	77
102) 1,2,3-Trichlorobenzene	19.26	180	479	0.06 ug/L #	84

(#) = qualifier out of range (m) = manual integration

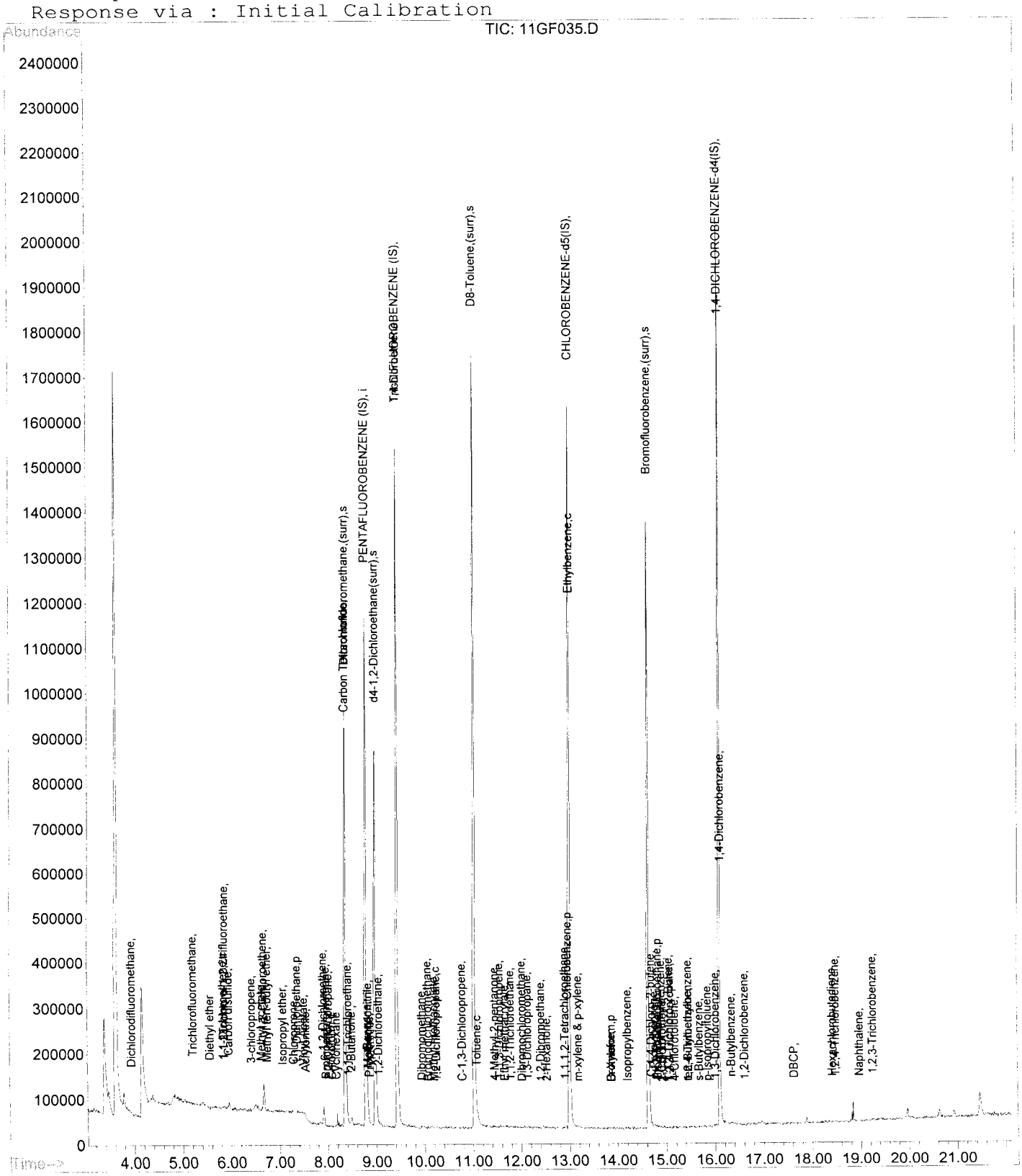
Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GF\11GF035.D
Acq On : 12 Jul 2007 9:24
Sample : b706062-05
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:46 2007

Vial: 35
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF030.D
Acq On : 12 Jul 2007 6:43
Sample : b706062-06
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:39 2007

Vial: 30
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.79	168	642147	50.00 ug/L	-0.01
41) 1,4-DIFLUOROBENZENE (IS)	9.44	114	1020648	50.00 ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.01	117	846088	50.00 ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.10	152	401869	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	8.37	113	532330	56.94 ug/L	0.00
Spiked Amount 50.000 Range 71 - 136			Recovery = 113.88%		
44) d4-1,2-Dichloroethane(surr	8.99	65	721122	58.29 µg/L	0.00
Spiked Amount 50.000 Range 70 - 130			Recovery = 116.58%		
58) D8-Toluene (surr)	11.03	98	1117853	47.97 ug/L	-0.01
Spiked Amount 50.000 Range 75 - 126			Recovery = 95.94%		
79) Bromofluorobenzene (surr)	14.64	95	500054	50.59 ug/L	0.00
Spiked Amount 50.000 Range 76 - 120			Recovery = 101.18%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.90	85	843	0.05 ug/L	86
3) Chloromethane	4.25	50	6322	Below Cal	94
4) Vinyl Chloride	4.39	62	937	0.07 ug/L #	39
5) Bromomethane	0.00	94	0	N.D. d	
6) Chloroethane	5.00	64	1393	Below Cal #	51
7) Trichlorofluoromethane	5.23	101	469	0.03 ug/L #	1
8) Diethyl ether	5.56	59	853	0.08 µg/L #	100
9) Ethanol	0.00	45	0	N.D. d	
10) 1,2-Dichloro-1,1,2-triflur	6.75	117	290	No Calib #	
11) acrolein	0.00	56	0	N.D. d	
12) 1,1,2Trichloro-1,2,2triflu	5.87	151	758	0.11 ug/L #	77
13) 1,1-Dichloroethene	5.88	96	1490	0.16 ug/L #	71
14) Acetone	6.55	43	14080	Below Cal	98
15) Iodomethane	6.07	142	8259	Below Cal #	79
16) Carbon disulfide	5.96	76	25625	1.02 ug/L	96
17) Methyl acetate	6.69	43	1870	0.12 µg/L #	100
18) Acetonitrile	7.09	41	2702	Below Cal #	1
19) 3-chloropropene	6.37	41	723	0.04 ug/L #	14
20) Methylene Chloride	6.51	84	31708	Below Cal #	80
21) Acrylonitrile	0.00	53	0	N.D. d	
22) Methyl tert-butyl ether	6.84	73	1011	0.03 ug/L	68
23) t-1,2-Dichloroethene	6.68	96	1171	0.12 ug/L #	65
24) 1,1-Dichloroethane	7.32	63	185	0.01 ug/L #	1
25) Vinyl Acetate	7.52	43	708	0.03 ug/L	90
26) Isopropyl ether	7.18	45	1426	0.04 ug/L	94
27) Chloroprene	7.19	88	396	0.05 ug/L	98
28) 2-Butanone	0.00	72	0	N.D. d	
29) c-1,2-Dichloroethene	7.92	96	533	0.06 ug/L #	66
30) 2,2-Dichloropropane	8.05	77	279	0.02 ug/L	94
31) Cyclohexane	8.19	84	298	0.03 µg/L #	100
32) Propionitrile	0.00	54	0	N.D. d	
33) Methacrylonitrile	8.87	41	1238	0.13 ug/L #	18
34) Bromochloromethane	8.31	128	34	0.01 ug/L	86
35) Chloroform	8.16	83	641	0.03 ug/L	89
36) Dibromofluoromethane	8.37	113	532330	56.94 ug/L	84
38) 1,1,1-Trichloroethane	8.46	97	277	0.02 ug/L #	70
39) 1,1-Dichloropropene	0.00	75	0	N.D.	
40) Isobutyl alcohol	0.00	43	0	N.D. d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF030.D
Acq On : 12 Jul 2007 6:43
Sample : b706062-06
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:39 2007

Vial: 30
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
42) Carbon Tetrachloride	8.39	117	255	0.02 ug/L #	1
43) d4-1,2-Dichloroethane	8.99	65	721122	58.29 µg/L #	85
45) 1,2-Dichloroethane	9.07	62	449	0.03 ug/L #	8
46) Benzene	8.84	78	2545	0.08 ug/L	74
47) Methyl cyclohexane	0.00	83	0	N.D. d	
48) Trichloroethene	9.46	130	649	0.09 ug/L #	1
49) 1,2-Dichloropropane	10.06	63	242	0.03 ug/L	97
50) Methyl methacrylate	10.23	69	201	0.03 ug/L	87
51) 1,4-Dioxane	0.00	88	0	N.D. d	
52) Dibromomethane	9.93	93	443	0.06 ug/L #	35
53) Bromodichloromethane	10.07	83	355	0.02 ug/L #	62
54) 2-Chloroethyl vinyl ether	0.00	63	0	N.D. d	
55) C-1,3-Dichloropropene	10.81	75	125	0.01 ug/L #	1
56) 4-Methyl-2-pentanone	11.51	100	189	0.15 ug/L #	1
57) D8-Toluene	11.03	98	1117853	47.97 ug/L	98
60) Toluene	11.10	92	8938	0.52 ug/L	100
61) T-1,3-Dichloropropene	11.57	75	489	0.04 ug/L #	1
62) Ethyl methacrylate	11.84	69	423	0.04 ug/L	79
63) 1,1,2-Trichloroethane	11.79	97	179	0.03 ug/L #	71
64) 1,3-Dichloropropane	12.15	76	347	0.03 ug/L #	9
65) Tetrachloroethene	0.00	164	0	N.D. d	
66) 2-Hexanone	12.46	43	431	0.06 ug/L	85
67) Dibromochloromethane	11.95	129	48	0.01 ug/L	89
68) 1,2-Dibromoethane	12.47	107	103	0.01 ug/L	92
69) Chlorobenzene	13.03	112	607	0.03 ug/L	66
70) 1,1,1,2-Tetrachloroethane	13.09	131	95	0.01 ug/L	85
71) Ethylbenzene	13.01	106	369	0.04 ug/L #	1
72) m-xylene & p-xylene	13.20	106	847	0.08 ug/L	81
73) O-Xylene	13.91	106	41	0.00 ug/L	99
74) Styrene	13.86	104	514	Below Cal #	1
75) Bromoform	13.94	173	208	0.03 ug/L #	75
76) Isopropylbenzene	14.18	105	443	0.02 ug/L	89
77) C-1,4-Dichloro-2-butene	14.68	53	360	0.09 ug/L #	1
78) Bromofluorobenzene	14.64	95	500054	50.59 ug/L	84
80) 1,1,2,2-Tetrachloroethane	14.87	83	280	0.02 ug/L #	65
81) Bromobenzene	14.97	156	78	0.01 ug/L	94
82) 1,2,3-Trichloropropane	15.12	75	272	0.02 ug/L #	17
83) T-1,4-Dichloro-2-Butene	15.07	53	211	0.06 ug/L #	57
84) n-Propylbenzene	14.77	91	1580	0.04 ug/L	73
86) 2-Chlorotoluene	15.13	91	219	0.01 ug/L	71
87) 1,3,5-Trimethylbenzene	15.02	105	719	0.03 ug/L	91
88) 4-Chlorotoluene	15.29	91	1252	0.06 ug/L	82
89) tert-Butylbenzene	15.46	119	506	0.03 ug/L #	10
90) Pentachloroethane	15.46	167	97	Below Cal	86
91) 1,2,4-Trimethylbenzene	15.63	105	181	0.01 ug/L	70
92) s-Butylbenzene	15.71	105	1081	0.04 ug/L	100
93) 1,3-Dichlorobenzene	16.01	146	936	0.07 ug/L #	78
94) p-Isopropyltoluene	15.86	119	1229	0.06 ug/L	84
95) 1,4-Dichlorobenzene	16.13	146	1073	0.08 ug/L #	1
96) n-Butylbenzene	16.53	91	414	0.02 ug/L	97
97) 1,2-Dichlorobenzene	16.63	146	478	0.04 ug/L #	79
98) DBCP	17.53	157	70	0.04 ug/L	93
99) 1,2,4-Trichlorobenzene	18.49	180	1056	0.13 ug/L #	82

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF030.D
Acq On : 12 Jul 2007 6:43
Sample : b706062-06
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:39 2007

Vial: 30
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
100) Hexachlorobutadiene	18.32	225	100	0.03 ug/L	91
101) Naphthalene	18.97	128	2231	0.11 ug/L	96
102) 1,2,3-Trichlorobenzene	19.23	180	1212	0.17 ug/L #	72

(#) = qualifier out of range (m) = manual integration

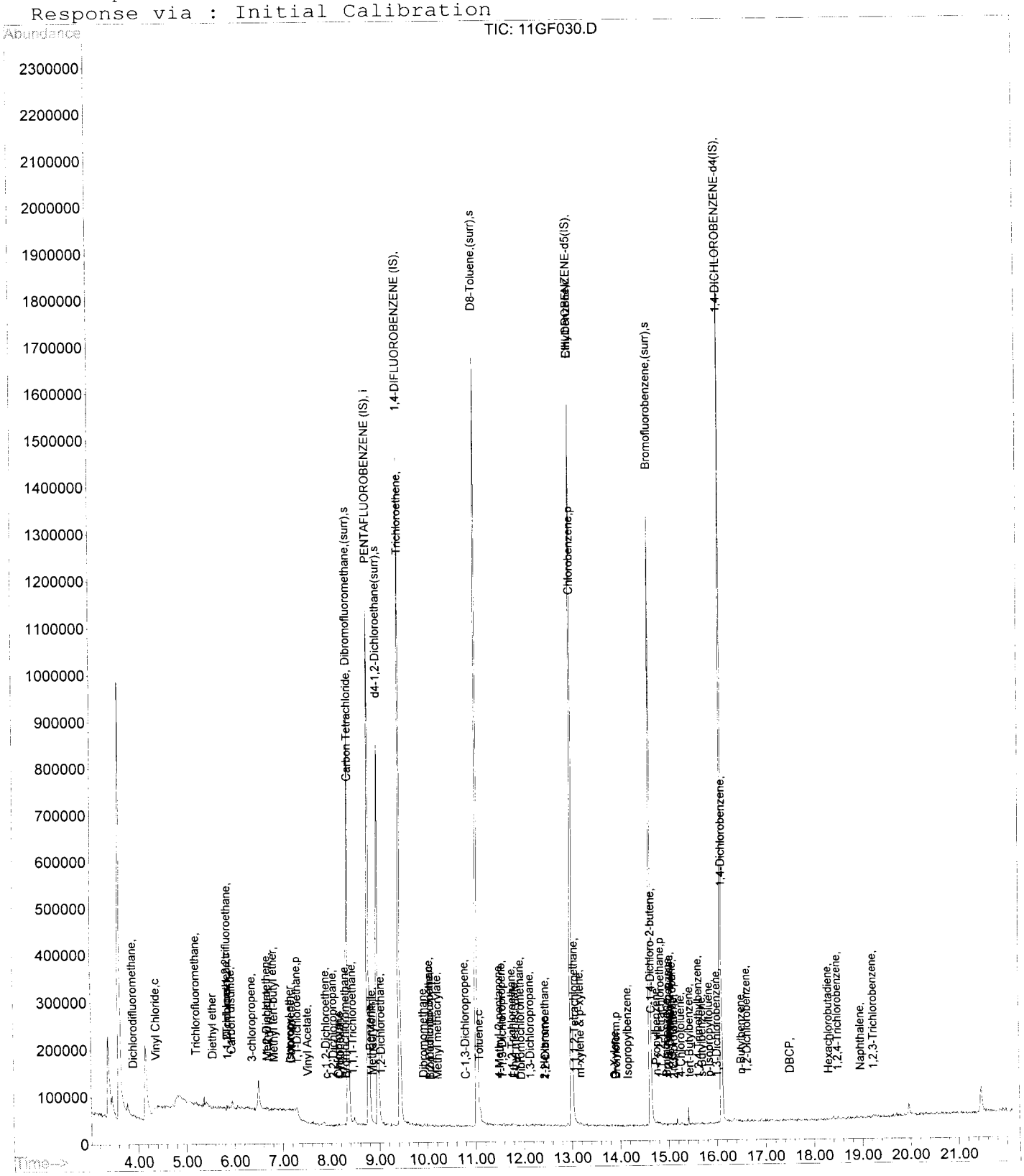
Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GF\11GF030.D
Acq On : 12 Jul 2007 6:43
Sample : b706062-06
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:39 2007

Vial: 30
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF031.D
Acq On : 12 Jul 2007 7:15
Sample : b706062-07
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:41 2007

Vial: 31
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.80	168	602175	50.00 ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	9.44	114	970138	50.00 ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.01	117	797037	50.00 ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.11	152	388088	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	8.36	113	523224	59.68 ug/L	0.00
Spiked Amount 50.000 Range 71 - 136			Recovery	= 119.36%	
44) d4-1,2-Dichloroethane(surr	8.98	65	723252	61.51 µg/L	0.00
Spiked Amount 50.000 Range 70 - 130			Recovery	= 123.02%	
58) D8-Toluene (surr)	11.04	98	1081389	48.83 ug/L	0.00
Spiked Amount 50.000 Range 75 - 126			Recovery	= 97.66%	
79) Bromofluorobenzene (surr)	14.63	95	478967	51.43 ug/L	0.00
Spiked Amount 50.000 Range 76 - 120			Recovery	= 102.86%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.91	85	250	0.02 ug/L	69
3) Chloromethane	4.24	50	6443	Below Cal	80
4) Vinyl Chloride	4.36	62	622	0.05 ug/L #	39
5) Bromomethane	0.00	94	0	N.D. d	
6) Chloroethane	5.07	64	1646	Below Cal #	69
7) Trichlorofluoromethane	5.20	101	505	0.03 ug/L #	1
8) Diethyl ether	5.53	59	1174	0.12 µg/L #	100
9) Ethanol	0.00	45	0	N.D. d	
10) 1,2-Dichloro-1,1,2-triflur	6.80	117	234	No Calib #	
11) acrolein	0.00	56	0	N.D. d	
12) 1,1,2Trichloro-1,2,2triflu	5.86	151	657	0.10 ug/L #	16
13) 1,1-Dichloroethene	5.86	96	701	0.08 ug/L #	1
14) Acetone	6.55	43	19822	Below Cal	82
15) Iodomethane	6.08	142	6387	Below Cal #	54
16) Carbon disulfide	5.95	76	21214	0.90 ug/L	91
17) Methyl acetate	6.64	43	1457	0.10 µg/L #	100
18) Acetonitrile	7.09	41	2422	Below Cal #	1
19) 3-chloropropene	6.39	41	2816	0.15 ug/L	76
20) Methylene Chloride	6.50	84	42952	1.05 ug/L #	68
21) Acrylonitrile	0.00	53	0	N.D. d	
22) Methyl tert-butyl ether	6.63	73	873	0.03 ug/L	74
23) t-1,2-Dichloroethene	6.67	96	1293	0.14 ug/L	97
24) 1,1-Dichloroethane	7.37	63	651	0.03 ug/L #	2
25) Vinyl Acetate	7.60	43	548	0.02 ug/L	65
26) Isopropyl ether	7.11	45	632	0.02 ug/L	98
27) Chloroprene	7.29	88	56	0.01 ug/L #	1
28) 2-Butanone	0.00	72	0	N.D. d	
29) c-1,2-Dichloroethene	7.89	96	239	0.03 ug/L #	34
30) 2,2-Dichloropropane	8.18	77	922	0.07 ug/L	74
31) Cyclohexane	8.15	84	561	0.06 µg/L #	100
32) Propionitrile	0.00	54	0	N.D. d	
33) Methacrylonitrile	8.90	41	424	0.05 ug/L #	18
34) Bromochloromethane	8.00	128	48	0.01 ug/L	85
35) Chloroform	8.16	83	454	0.02 ug/L	93
36) Dibromofluoromethane	8.36	113	523224	59.68 ug/L	85
38) 1,1,1-Trichloroethane	8.46	97	273	0.02 ug/L #	29
39) 1,1-Dichloropropene	0.00	75	0	N.D.	
40) Isobutyl alcohol	0.00	43	0	N.D. d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF031.D
Acq On : 12 Jul 2007 7:15
Sample : b706062-07
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:41 2007

Vial: 31
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
42) Carbon Tetrachloride	8.37	117	282	0.03 ug/L #	1
43) d4-1,2-Dichloroethane	8.98	65	723252	61.51 µg/L #	85
45) 1,2-Dichloroethane	9.04	62	197	0.01 ug/L #	1
46) Benzene	8.86	78	1900	0.07 ug/L	100
47) Methyl cyclohexane	0.00	83	0	N.D. d	
48) Trichloroethene	9.45	130	918	0.13 ug/L #	72
49) 1,2-Dichloropropane	10.16	63	254	0.03 ug/L	89
50) Methyl methacrylate	10.12	69	497	0.08 ug/L #	46
51) 1,4-Dioxane	0.00	88	0	N.D. d	
52) Dibromomethane	9.94	93	421	0.06 ug/L #	26
53) Bromodichloromethane	10.11	83	540	0.04 ug/L #	45
54) 2-Chloroethyl vinyl ether	0.00	63	0	N.D. d	
55) C-1,3-Dichloropropene	10.78	75	334	0.03 ug/L #	1
56) 4-Methyl-2-pentanone	0.00	100	0	N.D. d	
57) D8-Toluene	11.04	98	1081389	48.83 ug/L	98
60) Toluene	11.26	92	85	0.01 ug/L	85
61) T-1,3-Dichloropropene	11.58	75	751	0.06 ug/L	100
62) Ethyl methacrylate	11.66	69	297	0.03 ug/L #	1
63) 1,1,2-Trichloroethane	11.76	97	94	0.01 ug/L #	1
64) 1,3-Dichloropropane	12.12	76	282	0.02 ug/L #	1
65) Tetrachloroethene	0.00	164	0	N.D. d	
66) 2-Hexanone	12.53	43	963	0.14 ug/L #	55
67) Dibromochloromethane	12.01	129	46	0.01 ug/L #	1
68) 1,2-Dibromoethane	12.40	107	505	0.07 ug/L	84
69) Chlorobenzene	13.05	112	731	0.04 ug/L	76
70) 1,1,1,2-Tetrachloroethane	13.09	131	197	0.03 ug/L #	12
71) Ethylbenzene	13.01	106	298	0.03 ug/L #	1
72) m-xylene & p-xylene	13.19	106	638	0.06 ug/L	75
73) O-Xylene	13.79	106	42	0.00 ug/L #	1
74) Styrene	13.88	104	32	Below Cal #	1
75) Bromoform	13.94	173	147	0.02 ug/L #	16
76) Isopropylbenzene	14.19	105	345	0.01 ug/L #	1
77) C-1,4-Dichloro-2-butene	14.73	53	733	0.20 ug/L #	1
78) Bromofluorobenzene	14.63	95	478967	51.43 ug/L	85
80) 1,1,2,2-Tetrachloroethane	14.85	83	138	0.01 ug/L #	78
81) Bromobenzene	14.63	156	228	0.03 ug/L	88
82) 1,2,3-Trichloropropane	15.10	75	452	0.03 ug/L #	35
83) T-1,4-Dichloro-2-Butene	15.13	53	324	0.09 ug/L #	38
84) n-Propylbenzene	14.78	91	1410	0.04 ug/L	77
86) 2-Chlorotoluene	15.06	91	1082	0.05 ug/L	83
87) 1,3,5-Trimethylbenzene	15.02	105	654	0.03 ug/L	96
88) 4-Chlorotoluene	15.33	91	233	0.01 ug/L	74
89) tert-Butylbenzene	15.47	119	835	0.05 ug/L	81
90) Pentachloroethane	15.60	167	37	Below Cal #	1
91) 1,2,4-Trimethylbenzene	15.57	105	741	0.03 ug/L	93
92) s-Butylbenzene	15.57	105	741	0.03 ug/L	74
93) 1,3-Dichlorobenzene	16.02	146	600	0.05 ug/L	86
94) p-Isopropyltoluene	15.85	119	814	0.04 ug/L #	68
95) 1,4-Dichlorobenzene	16.02	146	600	0.05 ug/L	86
96) n-Butylbenzene	16.35	91	1262	0.06 ug/L	87
97) 1,2-Dichlorobenzene	16.65	146	441	0.04 ug/L #	62
98) DBCP	17.66	157	56	0.03 ug/L #	41
99) 1,2,4-Trichlorobenzene	18.50	180	896	0.12 ug/L #	75

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GF\11GF031.D
Acq On : 12 Jul 2007 7:15
Sample : b706062-07
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:41 2007

Vial: 31
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGE

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
100) Hexachlorobutadiene	18.40	225	538	0.17 ug/L #	58
101) Naphthalene	18.97	128	1294	0.07 ug/L	98
102) 1,2,3-Trichlorobenzene	19.25	180	783	0.11 ug/L	98

(#) = qualifier out of range (m) = manual integration

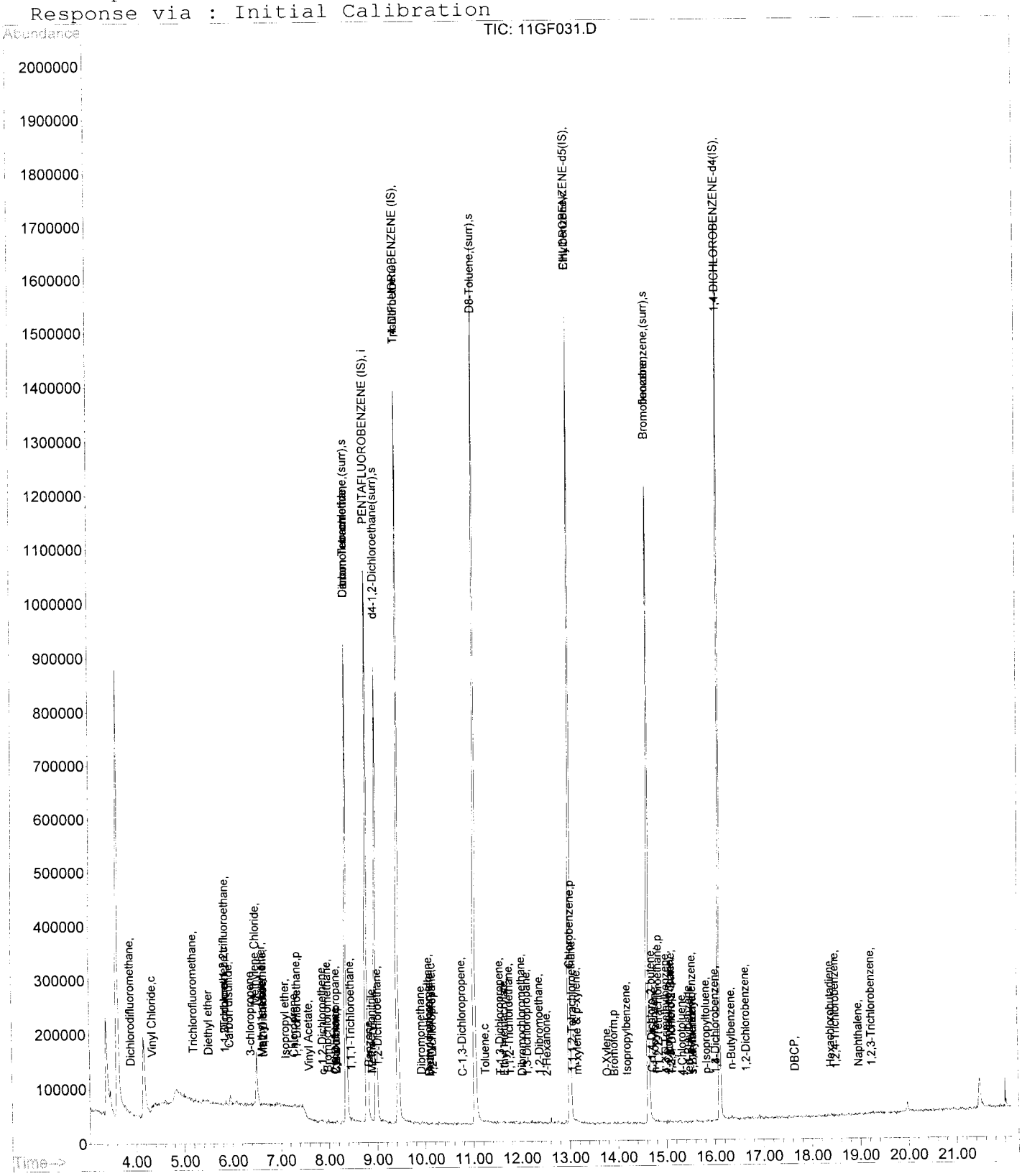
Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GF\11GF031.D
Acq On : 12 Jul 2007 7:15
Sample : b706062-07
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 13 9:41 2007

Vial: 31
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GK\11GK015.D
Acq On : 16 Jul 2007 18:34
Sample : B706062-07 RE1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 17 11:31 2007

Vial: 15
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00
Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGF

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	8.79	168	882188	50.00 ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	9.44	114	1335682	50.00 ug/L	0.00
59) CHLOROBENZENE-d5(IS)	13.01	117	940309	50.00 ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	16.11	152	474493	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	8.36	113	711198	55.37 ug/L	0.00
Spiked Amount 50.000 Range 71 - 136 Recovery = 110.74%					
44) d4-1,2-Dichloroethane(surr	8.98	65	927705	57.30 µg/L	0.00
Spiked Amount 50.000 Range 70 - 130 Recovery = 114.60%					
58) D8-Toluene (surr)	11.04	98	1342137	44.01 ug/L	0.00
Spiked Amount 50.000 Range 75 - 126 Recovery = 88.02%					
79) Bromofluorobenzene (surr)	14.64	95	570487	51.93 ug/L	0.00
Spiked Amount 50.000 Range 76 - 120 Recovery = 103.86%					

Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.92	85	759	N.D.	
3) Chloromethane	4.24	50	6566	Below Cal	87
4) Vinyl Chloride	4.38	62	566	N.D.	
5) Bromomethane	0.00	94	0	N.D. d	
6) Chloroethane	5.02	64	955	Below Cal #	42
7) Trichlorofluoromethane	5.19	101	568	N.D.	
8) Diethyl ether	5.57	59	1073	N.D.	
9) Ethanol	0.00	45	0	N.D. d	
10) 1,2-Dichloro-1,1,2-triflur	6.79	117	147	No Calib #	
11) acrolein	0.00	56	0	N.D. d	
12) 1,1,2Trichloro-1,2,2triflu	5.96	151	176	N.D.	
13) 1,1-Dichloroethene	5.84	96	1027	N.D.	
14) Acetone	6.54	43	15852	Below Cal	81
15) Iodomethane	6.08	142	15238	Below Cal #	68
16) Carbon disulfide	5.95	76	15128	0.44 ug/L	75
17) Methyl acetate	6.63	43	1458	N.D.	
18) Acetonitrile	7.08	41	2711	Below Cal #	1
19) 3-chloropropene	6.49	41	3489	N.D.	
20) Methylene Chloride	6.50	84	58443	0.71 ug/L #	81
21) Acrylonitrile	0.00	53	0	N.D. d	
22) Methyl tert-butyl ether	6.77	73	740	N.D.	
23) t-1,2-Dichloroethene	6.60	96	657	N.D.	
24) 1,1-Dichloroethane	7.32	63	846	N.D.	
25) Vinyl Acetate	7.56	43	205	N.D.	
26) Isopropyl ether	6.95	45	1645	N.D.	
27) Chloroprene	7.24	88	298	N.D.	
28) 2-Butanone	0.00	72	0	N.D. d	
29) c-1,2-Dichloroethene	7.94	96	444	N.D.	
30) 2,2-Dichloropropane	8.03	77	994	N.D.	
31) Cyclohexane	8.16	84	782	N.D.	
32) Propionitrile	8.88	54	243	N.D.	
33) Methacrylonitrile	8.83	41	394	N.D.	
34) Bromochloromethane	8.13	128	229	N.D.	
35) Chloroform	8.15	83	795	N.D.	
36) Dibromofluoromethane	8.36	113	711198	55.37 ug/L	87
38) 1,1,1-Trichloroethane	8.46	97	119	N.D.	
39) 1,1-Dichloropropene	0.00	75	0	N.D.	
40) Isobutyl alcohol	0.00	43	0	N.D. d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GK\11GK015.D
Acq On : 16 Jul 2007 18:34
Sample : B706062-07 RE1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 17 11:31 2007

Vial: 15
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGF

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
42)	Carbon Tetrachloride	8.36	117	705	N.D.	
43)	d4-1,2-Dichloroethane	8.98	65	927705	57.30 µg/L #	89
45)	1,2-Dichloroethane	9.05	62	548	N.D.	
46)	Benzene	8.84	78	1656	N.D.	
47)	Methyl cyclohexane	0.00	83	0	N.D. d	
48)	Trichloroethene	9.45	130	874	N.D.	
49)	1,2-Dichloropropane	10.06	63	188	N.D.	
50)	Methyl methacrylate	10.10	69	161	N.D.	
51)	1,4-Dioxane	0.00	88	0	N.D. d	
52)	Dibromomethane	9.96	93	129	N.D.	
53)	Bromodichloromethane	10.15	83	315	N.D.	
54)	2-Chloroethyl vinyl ether	0.00	63	0	N.D. d	
55)	C-1,3-Dichloropropene	10.83	75	163	N.D.	
56)	4-Methyl-2-pentanone	0.00	100	0	N.D. d	
57)	D8-Toluene	11.04	98	1342137	44.01 ug/L	98
60)	Toluene	11.10	92	2768	N.D.	
61)	T-1,3-Dichloropropene	11.55	75	514	N.D.	
62)	Ethyl methacrylate	11.64	69	521	N.D.	
63)	1,1,2-Trichloroethane	11.79	97	54	N.D.	
64)	1,3-Dichloropropane	12.13	76	92	N.D.	
65)	Tetrachloroethene	0.00	164	0	N.D. d	
66)	2-Hexanone	12.65	43	646	N.D.	
67)	Dibromochloromethane	11.96	129	111	N.D.	
68)	1,2-Dibromoethane	12.40	107	120	N.D.	
69)	Chlorobenzene	13.18	112	139	N.D.	
70)	1,1,1,2-Tetrachloroethane	13.10	131	181	N.D.	
71)	Ethylbenzene	13.13	106	74	N.D.	
72)	m-xylene & p-xylene	13.19	106	719	N.D.	
73)	O-Xylene	13.79	106	443	N.D.	
74)	Styrene	13.83	104	538	Below Cal	89
75)	Bromoform	13.95	173	288	N.D.	
76)	Isopropylbenzene	14.19	105	778	N.D.	
77)	C-1,4-Dichloro-2-butene	14.68	53	194	N.D.	
78)	Bromofluorobenzene	14.64	95	570487	51.93 ug/L	86
80)	1,1,2,2-Tetrachloroethane	14.86	83	445	N.D.	
81)	Bromobenzene	14.92	156	54	N.D.	
82)	1,2,3-Trichloropropane	15.11	75	266	N.D.	
83)	T-1,4-Dichloro-2-Butene	15.07	53	383	N.D.	
84)	n-Propylbenzene	14.78	91	1894	N.D.	
86)	2-Chlorotoluene	15.04	91	1181	N.D.	
87)	1,3,5-Trimethylbenzene	15.11	105	254	N.D.	
88)	4-Chlorotoluene	15.27	91	956	N.D.	
89)	tert-Butylbenzene	15.47	119	640	N.D.	
90)	Pentachloroethane	15.53	167	122	Below Cal #	1
91)	1,2,4-Trimethylbenzene	15.55	105	804	N.D.	
92)	s-Butylbenzene	15.70	105	1304	N.D.	
93)	1,3-Dichlorobenzene	16.03	146	990	N.D.	
94)	p-Isopropyltoluene	15.85	119	1335	N.D.	
95)	1,4-Dichlorobenzene	16.13	146	1942	N.D.	
96)	n-Butylbenzene	16.36	91	1912	N.D.	
97)	1,2-Dichlorobenzene	16.71	146	129	N.D.	
98)	DBCP	17.47	157	79	N.D.	
99)	1,2,4-Trichlorobenzene	18.50	180	1761	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\200711GK\11GK015.D
Acq On : 16 Jul 2007 18:34
Sample : B706062-07 RE1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 17 11:31 2007

Vial: 15
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Quant Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration
DataAcq Meth : 82607WGF

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
100) Hexachlorobutadiene	0.00	225	0	N.D. d	
101) Naphthalene	18.98	128	2891	N.D.	
102) 1,2,3-Trichlorobenzene	19.23	180	2243m	0.26 ug/L	

(#) = qualifier out of range (m) = manual integration

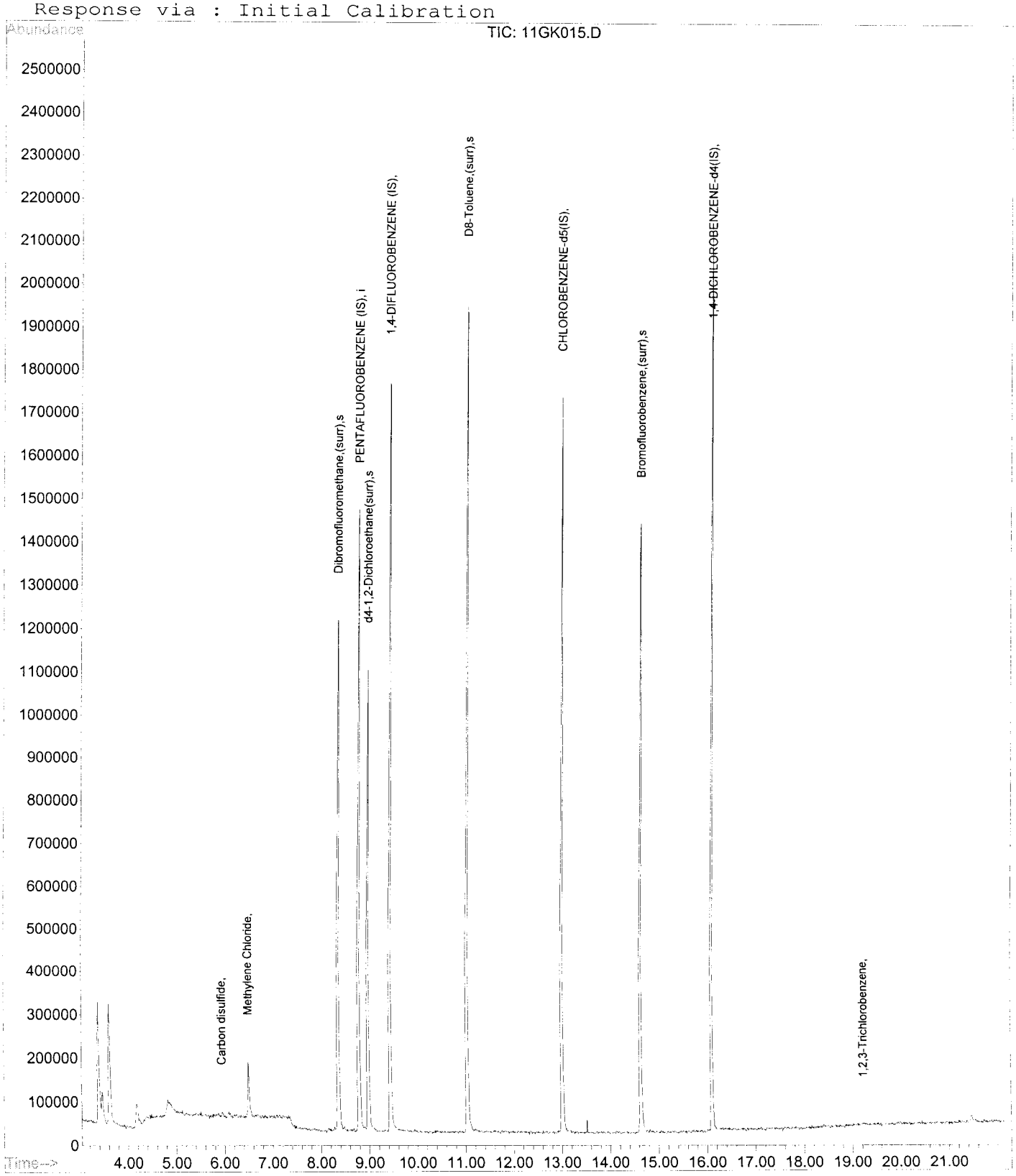
Quantitation Report

Data File : C:\HPCHEM\1\DATA\200711GK\11GK015.D
Acq On : 16 Jul 2007 18:34
Sample : B706062-07 RE1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 17 11:31 2007

Vial: 15
Operator: ds
Inst : JVGCMS2
Multiplr: 1.00

Quant Results File: 82607WGF.RES

Method : C:\HPCHEM\1\METHODS\82607WGF.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Thu Jul 12 10:46:35 2007
Response via : Initial Calibration



ENCO Jacksonville

SDG: BR006-024

CLASS: METALS - TOT

METHOD: EPA 6010B

ANALYSES DATA PACKAGE COVER PAGE

EPA 6010B

Laboratory: ENCO Jacksonville

SDG: BR006-024

Client: Tetra Tech NUS (BR006)

Project: Naval Air Station CTO 252

Client Sample Id:	Lab Sample Id:
JAX25-MW13-20070705	B705885-01
JAX25-MW04-20070705	B705885-02
JAX25-MW12-20070705	B705885-03
JAX25-MW03-20070705	B705885-04
JAX25-MW07-20070705	B705885-05
JAX25-MW01-20070705	B705885-06
JAX25-MW02-20070705	B705885-07
JAX25-MW11-20070705	B705885-08
JAX25-MW14-20070706	B706062-01
JAX25-MW15-20070706	B706062-02
JAX25-MW09-20070706	B706062-03
JAX25-DUP-20070706	B706062-04
JAX25-MW05-20070706	B706062-05

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature: _____

Name: Christina Tompkins

Date: 7/16/07

Title: Project Manager

METHOD DETECTION AND REPORTING LIMITS

EPA 6010B

Laboratory: ENCO Jacksonville **SDG:** BR006-024

Client: Tetra Tech NUS (BR006) **Project:** Naval Air Station CTO 252

Matrix: Water **Instrument:** JMICP1

Analyte	MDL	MRL	Units
Lead	2	10	ug/L

PREPARATION BATCH SUMMARY

EPA 6010B

Laboratory: ENCO Jacksonville SDG: BR006-024

Client: Tetra Tech NUS (BR006) Project: Naval Air Station CTO 252

Batch: 7G09007 Batch Matrix: Water Preparation: EPA 3005A

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
Blank	7G09007-BLK1	071107a-010	07/09/07 09:08	
LCS	7G09007-BS1	071107a-011	07/09/07 09:08	
JAX25-MW14-20070706	7G09007-MS1	071107a-012	07/09/07 09:08	
JAX25-MW14-20070706	7G09007-MSD1	071107a-013	07/09/07 09:08	
JAX25-MW13-20070705	B705885-01	071107a-014	07/09/07 09:08	
JAX25-MW04-20070705	B705885-02	071107a-015	07/09/07 09:08	
JAX25-MW12-20070705	B705885-03	071107a-016	07/09/07 09:08	
JAX25-MW03-20070705	B705885-04	071107a-017	07/09/07 09:08	
JAX25-MW07-20070705	B705885-05	071107a-018	07/09/07 09:08	
JAX25-MW01-20070705	B705885-06	071107a-019	07/09/07 09:08	
JAX25-MW02-20070705	B705885-07	071107a-023	07/09/07 09:08	
JAX25-MW11-20070705	B705885-08	071107a-024	07/09/07 09:08	
JAX25-MW14-20070706	B706062-01	071107a-025	07/09/07 09:08	Use this sample as the MS/MSD
JAX25-MW15-20070706	B706062-02	071107a-026	07/09/07 09:08	
JAX25-MW09-20070706	B706062-03	071107a-027	07/09/07 09:08	
JAX25-DUP-20070706	B706062-04	071107a-028	07/09/07 09:08	
JAX25-MW05-20070706	B706062-05	071107a-029	07/09/07 09:08	

ANALYSIS BATCH (SEQUENCE) SUMMARY
EPA 6010B

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Sequence:	BA00964	Instrument:	JMICP1
Matrix:	Water	Calibration:	0707003

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
Initial Cal Blank	BA00964-ICB1	071107a-001	07/11/07 12:10
Cal Standard	BA00964-CAL1	071107a-002	07/11/07 12:17
Instrument Blank	BA00964-IBL1	071107a-003	07/11/07 12:25
Low Cal Check	BA00964-LCV1	071107a-004	07/11/07 12:30
Secondary Cal Check	BA00964-SCV1	071107a-005	07/11/07 12:37
Initial Cal Check	BA00964-ICV1	071107a-006	07/11/07 12:44
Interference Check A	BA00964-IFA1	071107a-008	07/11/07 12:57
Blank	7G09007-BLK1	071107a-010	07/11/07 13:10
LCS	7G09007-BS1	071107a-011	07/11/07 13:16
JAX25-MW14-20070706	7G09007-MS1	071107a-012	07/11/07 13:23
JAX25-MW14-20070706	7G09007-MSD1	071107a-013	07/11/07 13:30
JAX25-MW13-20070705	B705885-01	071107a-014	07/11/07 13:38
JAX25-MW04-20070705	B705885-02	071107a-015	07/11/07 13:45
JAX25-MW12-20070705	B705885-03	071107a-016	07/11/07 13:52
JAX25-MW03-20070705	B705885-04	071107a-017	07/11/07 13:59
JAX25-MW07-20070705	B705885-05	071107a-018	07/11/07 14:05
JAX25-MW01-20070705	B705885-06	071107a-019	07/11/07 14:12
Calibration Blank	BA00964-CCB1	071107a-021	07/11/07 14:26
Calibration Check	BA00964-CCV1	071107a-022	07/11/07 14:33
JAX25-MW02-20070705	B705885-07	071107a-023	07/11/07 14:39
JAX25-MW11-20070705	B705885-08	071107a-024	07/11/07 14:47
JAX25-MW14-20070706	B706062-01	071107a-025	07/11/07 14:54
JAX25-MW15-20070706	B706062-02	071107a-026	07/11/07 15:02
JAX25-MW09-20070706	B706062-03	071107a-027	07/11/07 15:08
JAX25-DUP-20070706	B706062-04	071107a-028	07/11/07 15:15
JAX25-MW05-20070706	B706062-05	071107a-029	07/11/07 15:22
Calibration Blank	BA00964-CCB2	071107a-034	07/11/07 15:54
Calibration Check	BA00964-CCV2	071107a-035	07/11/07 16:01

INORGANIC ANALYSIS DATA SHEET

EPA 6010B

JAX25-MW13-20070705

Laboratory: ENCO Jacksonville
SDG: BR006-024
Client: Tetra Tech NUS (BR006)
Project: Naval Air Station CTO 252
Matrix: Ground Water
Laboratory ID: B705885-01
File ID: 071107a-014
Sampled: 07/05/07 11:56
Prepared: 07/09/07 09:08
Analyzed: 07/11/07 13:38
Solids: 0.00
Preparation: EPA 3005A
Initial/Final: 50 mL / 50 mL
Batch: 7G09007
Sequence: BA00964
Calibration: 0707003
Instrument: JMICP1

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	MDL	MRL	Method
7439-92-1	Lead	2	1	U	2	10	EPA 6010B

INORGANIC ANALYSIS DATA SHEET

EPA 6010B

JAX25-MW04-20070705

Laboratory: ENCO Jacksonville
SDG: BR006-024
Client: Tetra Tech NUS (BR006)
Project: Naval Air Station CTO 252
Matrix: Ground Water
Laboratory ID: B705885-02
File ID: 071107a-015
Sampled: 07/05/07 13:00
Prepared: 07/09/07 09:08
Analyzed: 07/11/07 13:45
Solids: 0.00
Preparation: EPA 3005A
Initial/Final: 50 mL / 50 mL
Batch: 7G09007
Sequence: BA00964
Calibration: 0707003
Instrument: JMICP1

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	MDL	MRL	Method
7439-92-1	Lead	2	1	U	2	10	EPA 6010B

INORGANIC ANALYSIS DATA SHEET

EPA 6010B

JAX25-MW12-20070705

Laboratory: ENCO Jacksonville
SDG: BR006-024
Client: Tetra Tech NUS (BR006)
Project: Naval Air Station CTO 252
Matrix: Ground Water
Laboratory ID: B705885-03
File ID: 071107a-016
Sampled: 07/05/07 14:57
Prepared: 07/09/07 09:08
Analyzed: 07/11/07 13:52
Solids: 0.00
Preparation: EPA 3005A
Initial/Final: 50 mL / 50 mL
Batch: 7G09007
Sequence: BA00964
Calibration: 0707003
Instrument: JMICP1

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	MDL	MRL	Method
7439-92-1	Lead	2	1	U	2	10	EPA 6010B

INORGANIC ANALYSIS DATA SHEET

EPA 6010B

JAX25-MW03-20070705

Laboratory: ENCO Jacksonville
SDG: BR006-024
Client: Tetra Tech NUS (BR006)
Project: Naval Air Station CTO 252
Matrix: Ground Water
Laboratory ID: B705885-04
File ID: 071107a-017
Sampled: 07/05/07 14:07
Prepared: 07/09/07 09:08
Analyzed: 07/11/07 13:59
Solids: 0.00
Preparation: EPA 3005A
Initial/Final: 50 mL / 50 mL
Batch: 7G09007
Sequence: BA00964
Calibration: 0707003
Instrument: JMICP1

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	MDL	MRL	Method
7439-92-1	Lead	29	1		2	10	EPA 6010B

INORGANIC ANALYSIS DATA SHEET

EPA 6010B

JAX25-MW07-20070705

Laboratory: ENCO Jacksonville
SDG: BR006-024
Client: Tetra Tech NUS (BR006)
Project: Naval Air Station CTO 252
Matrix: Ground Water
Laboratory ID: B705885-05
File ID: 071107a-018
Sampled: 07/05/07 11:50
Prepared: 07/09/07 09:08
Analyzed: 07/11/07 14:05
Solids: 0.00
Preparation: EPA 3005A
Initial/Final: 50 mL / 50 mL
Batch: 7G09007
Sequence: BA00964
Calibration: 0707003
Instrument: JMICP1

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	MDL	MRL	Method
7439-92-1	Lead	2	1	U	2	10	EPA 6010B

INORGANIC ANALYSIS DATA SHEET

EPA 6010B

JAX25-MW01-20070705

Laboratory: ENCO Jacksonville
SDG: BR006-024
Client: Tetra Tech NUS (BR006)
Project: Naval Air Station CTO 252
Matrix: Ground Water
Laboratory ID: B705885-06
File ID: 071107a-019
Sampled: 07/05/07 12:59
Prepared: 07/09/07 09:08
Analyzed: 07/11/07 14:12
Solids: 0.00
Preparation: EPA 3005A
Initial/Final: 50 mL / 50 mL
Batch: 7G09007
Sequence: BA00964
Calibration: 0707003
Instrument: JMICP1

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	MDL	MRL	Method
7439-92-1	Lead	2	1	U	2	10	EPA 6010B

INORGANIC ANALYSIS DATA SHEET

EPA 6010B

JAX25-MW02-20070705

Laboratory: ENCO Jacksonville
SDG: BR006-024
Client: Tetra Tech NUS (BR006)
Project: Naval Air Station CTO 252
Matrix: Ground Water
Laboratory ID: B705885-07
File ID: 071107a-023
Sampled: 07/05/07 14:12
Prepared: 07/09/07 09:08
Analyzed: 07/11/07 14:39
Solids: 0.00
Preparation: EPA 3005A
Initial/Final: 50 mL / 50 mL
Batch: 7G09007
Sequence: BA00964
Calibration: 0707003
Instrument: JMICP1

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	MDL	MRL	Method
7439-92-1	Lead	2	1	U	2	10	EPA 6010B

INORGANIC ANALYSIS DATA SHEET

EPA 6010B

JAX25-MW11-20070705

Laboratory: ENCO Jacksonville
SDG: BR006-024
Client: Tetra Tech NUS (BR006)
Project: Naval Air Station CTO 252
Matrix: Ground Water
Laboratory ID: B705885-08
File ID: 071107a-024
Sampled: 07/05/07 15:09
Prepared: 07/09/07 09:08
Analyzed: 07/11/07 14:47
Solids: 0.00
Preparation: EPA 3005A
Initial/Final: 50 mL / 50 mL
Batch: 7G09007
Sequence: BA00964
Calibration: 0707003
Instrument: JMICP1

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	MDL	MRL	Method
7439-92-1	Lead	2	1	U	2	10	EPA 6010B

INORGANIC ANALYSIS DATA SHEET

EPA 6010B

JAX25-MW14-20070706

Laboratory: ENCO Jacksonville
SDG: BR006-024
Client: Tetra Tech NUS (BR006)
Project: Naval Air Station CTO 252
Matrix: Ground Water
Laboratory ID: B706062-01
File ID: 071107a-025
Sampled: 07/06/07 10:20
Prepared: 07/09/07 09:08
Analyzed: 07/11/07 14:54
Solids: 0.00
Preparation: EPA 3005A
Initial/Final: 50 mL / 50 mL
Batch: 7G09007
Sequence: BA00964
Calibration: 0707003
Instrument: JMICP1

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	MDL	MRL	Method
7439-92-1	Lead	2	1	U	2	10	EPA 6010B

INORGANIC ANALYSIS DATA SHEET

EPA 6010B

JAX25-MW15-20070706

Laboratory: ENCO Jacksonville
SDG: BR006-024
Client: Tetra Tech NUS (BR006)
Project: Naval Air Station CTO 252
Matrix: Ground Water
Laboratory ID: B706062-02
File ID: 071107a-026
Sampled: 07/06/07 11:49
Prepared: 07/09/07 09:08
Analyzed: 07/11/07 15:02
Solids: 0.00
Preparation: EPA 3005A
Initial/Final: 50 mL / 50 mL
Batch: 7G09007
Sequence: BA00964
Calibration: 0707003
Instrument: JMICP1

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	MDL	MRL	Method
7439-92-1	Lead	2	1	U	2	10	EPA 6010B

INORGANIC ANALYSIS DATA SHEET

EPA 6010B

JAX25-MW09-20070706

Laboratory: ENCO Jacksonville
SDG: BR006-024
Client: Tetra Tech NUS (BR006)
Project: Naval Air Station CTO 252
Matrix: Ground Water
Laboratory ID: B706062-03
File ID: 071107a-027
Sampled: 07/06/07 10:42
Prepared: 07/09/07 09:08
Analyzed: 07/11/07 15:08
Solids: 0.00
Preparation: EPA 3005A
Initial/Final: 50 mL / 50 mL
Batch: 7G09007
Sequence: BA00964
Calibration: 0707003
Instrument: JMICP1

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	MDL	MRL	Method
7439-92-1	Lead	2	1	U	2	10	EPA 6010B

INORGANIC ANALYSIS DATA SHEET

EPA 6010B

JAX25-DUP-20070706

Laboratory: ENCO Jacksonville
SDG: BR006-024
Client: Tetra Tech NUS (BR006)
Project: Naval Air Station CTO 252
Matrix: Ground Water
Laboratory ID: B706062-04
File ID: 071107a-028
Sampled: 07/06/07 00:00
Prepared: 07/09/07 09:08
Analyzed: 07/11/07 15:15
Solids: 0.00
Preparation: EPA 3005A
Initial/Final: 50 mL / 50 mL
Batch: 7G09007
Sequence: BA00964
Calibration: 0707003
Instrument: JMICP1

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	MDL	MRL	Method
7439-92-1	Lead	2	1	U	2	10	EPA 6010B

INORGANIC ANALYSIS DATA SHEET

EPA 6010B

JAX25-MW05-20070706

Laboratory: ENCO Jacksonville
SDG: BR006-024
Client: Tetra Tech NUS (BR006)
Project: Naval Air Station CTO 252
Matrix: Ground Water
Laboratory ID: B706062-05
File ID: 071107a-029
Sampled: 07/06/07 11:54
Prepared: 07/09/07 09:08
Analyzed: 07/11/07 15:22
Solids: 0.00
Preparation: EPA 3005A
Initial/Final: 50 mL / 50 mL
Batch: 7G09007
Sequence: BA00964
Calibration: 0707003
Instrument: JMICP1

CAS NO.	Analyte	Concentration (ug/L)	Dilution Factor	Q	MDL	MRL	Method
7439-92-1	Lead	2	1	U	2	10	EPA 6010B

METHOD BLANK DATA SHEET
EPA 6010B

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Water	Laboratory ID:	7G09007-BLK1	File ID:	071107a-010
Prepared:	07/09/07 09:08	Preparation:	EPA 3005A	Initial/Final:	50 mL / 50 mL
Analyzed:	07/11/07 13:10	Instrument:	JMICP1		
Batch:	7G09007	Sequence:	BA00964	Calibration:	0707003

CAS NO.	COMPOUND	CONC. (ug/L)	Q
7439-92-1	Lead	2	U

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 6010B

JAX25-MW14-20070706

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Matrix:	Water		
Batch:	7G09007	Laboratory ID:	7G09007-MS1
Preparation:	EPA 3005A	Initial/Final:	50 mL / 50 mL

Source Sample Name: JAX25-MW14-20070706

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Lead	1000	ND	1020	102	80-120

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Lead	1000	1010	101	0.7	19	80-120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

LCS / LCS DUPLICATE RECOVERY

EPA 6010B

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Matrix:	Water		
Batch:	7G09007	Laboratory ID:	7G09007-BS1
Preparation:	EPA 3005A	Initial/Final:	50 mL / 50 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Lead	1000	1040	104	80-120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

BLANKS
EPA 6010B

Laboratory: ENCO Jacksonville
SDG: BR006-024
Client: Tetra Tech NUS (BR006)
Instrument ID: JMICP1
Project: Naval Air Station CTO 252
Sequence: BA00964
Calibration: 0707003

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
BA00964-ICB1	Lead	0.00	0.01	mg/L		EPA 6010B
7G09007-BLK1	Lead	0.1	10	ug/L		EPA 6010B
BA00964-CCB1	Lead	-0.0006	0.01	mg/L		EPA 6010B
BA00964-CCB2	Lead	-0.0002	0.01	mg/L		EPA 6010B

INITIAL AND CONTINUING CALIBRATION CHECK

EPA 6010B

Laboratory: ENCO Jacksonville
SDG: BR006-024
Client: Tetra Tech NUS (BR006)
Project: Naval Air Station CTO 252
Instrument ID: JMICP1
Calibration: 0707003
Control Limt: +/- 10.00%
Sequence: BA00964

Lab Sample ID	Analyte	True	Found	%R	Units	Method
BA00964-ICV1	Lead	0.500	0.507	101	mg/L	EPA 6010B
BA00964-CCV1	Lead	0.500	0.509	102	mg/L	EPA 6010B
BA00964-CCV2	Lead	0.500	0.509	102	mg/L	EPA 6010B

* Values outside of QC limits

ICP INTERFERENCE CHECK SAMPLE

EPA 6010B

Laboratory: ENCO Jacksonville

SDG: BR006-024

Client: Tetra Tech NUS (BR006)

Project: Naval Air Station CTO 252

Instrument ID: JMICP1

Calibration: 0707003

Sequence: BA00964

Lab Sample ID	Analyte	True	Found	%R	Units
BA00964-IFA1	Lead	1.00	1.02	102	mg/L
	Lead	1.00	1.02	102	mg/L

* Values outside of QC limits

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 6010B

Laboratory: ENCO Jacksonville

SDG: BR006-024

Client: Tetra Tech NUS (BR006)

Project: Naval Air Station CTO 252

Calibration: 0707003

Laboratory ID: BA00964-SCV1

Sequence: BA00964

Standard ID: B7D0222

ANALYTE	EXPECTED (mg/L)	FOUND (mg/L)	% DRIFT	QC LIMIT
Lead	1.00	1.02	2.5	10.00

* Values outside of QC limits

LOW-CONCENTRATION CALIBRATION VERIFICATION

EPA 6010B

Laboratory: ENCO Jacksonville
SDG: BR006-024
Client: Tetra Tech NUS (BR006)
Project: Naval Air Station CTO 252
Calibration: 0707003
Laboratory ID: BA00964-LCV1
Sequence: BA00964
Standard ID: B7G0083

ANALYTE	EXPECTED (mg/L)	FOUND (mg/L)	% DRIFT	QC LIMIT
Lead	0.0100	0.00922	-7.8	20

* Values outside of QC limits

Metals Data

Mean Data

ID: ICB1 **Seq. No.:** 5 **A/S Pos:** 1

Sample Qty: g **Prep. Vol.:** **Dilution:** **:** **Date:** 2007/07/11 12:12:20

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 324.228R	300,572.8	[0.00]	4,355.84	%				1.45 %
Y361.105A	1,704,933.8	[0.00]	29,757.11	%				1.75 %
Ag 338.289	-1,132.0	[0.00]	77.27	mg/L				6.83 %
Ag 328.068	252.0	[0.00]	70.43	mg/L				27.94 %
Al 308.215	665.1	[0.00]	34.75	mg/L				5.22 %
As 188.979	2.2	[0.00]	4.59	mg/L				205.44 %
Ba 233.527	-369.1	[0.00]	15.77	mg/L				4.27 %
Be 313.107	-20,595.1	[0.00]	335.87	mg/L				1.63 %
B 208.959	458.0	[0.00]	6.62	mg/L				1.44 %
Ca 317.933	49,223.0	[0.00]	396.51	mg/L				0.81 %
Ca Radial	6,220.9	[0.00]	191.02	mg/L				3.07 %
Cd 226.502	-356.4	[0.00]	13.95	mg/L				3.91 %
Co 228.616	-114.0	[0.00]	4.26	mg/L				3.74 %
Cr 267.716	20.6	[0.00]	47.69	mg/L				231.25 %
Cu 324.754	17,711.8	[0.00]	337.49	mg/L				1.91 %
Fe 273.955	504.6	[0.00]	35.36	mg/L				7.01 %
Fe Radial	106.1	[0.00]	13.81	mg/L				13.01 %
K 766.491R	19.3	[0.00]	93.89	mg/L				486.79 %
Li 670.781R	1,344.2	[0.00]	24.94	mg/L				1.86 %
Mg 279.079R	1.7	[0.00]	34.48	mg/L				1,991.6 %
Mn 257.610	531.2	[0.00]	5.16	mg/L				0.97 %

Mo 202.030	161.8	[0.00]	11.93	mg/L					7.37 %
Na 589.592R	602.8	[0.00]	74.68	mg/L					12.39 %
Ni 231.604	1,161.9	[0.00]	17.22	mg/L					1.48 %
Pb 220.353	124.1	[0.00]	9.24	mg/L					7.45 %
Sb 206.833	275.1	[0.00]	11.33	mg/L					4.12 %
Se 196.026	97.3	[0.00]	10.90	mg/L					11.20 %
Sn 189.933	104.2	[0.00]	8.08	mg/L					7.75 %
Sr 421.539R	-3,769.5	[0.00]	124.41	mg/L					3.30 %
Ti 337.280	-133.1	[0.00]	81.06	mg/L					60.92 %
Tl 190.800	-92.1	[0.00]	3.77	mg/L					4.09 %
V 292.402	-1,501.5	[0.00]	78.14	mg/L					5.20 %
Zn 206.191	-184.4	[0.00]	11.51	mg/L					6.24 %

Mean Data

ID: CAL1 **Seq. No.:** 6 **A/S Pos:** 2

Sample Qty: g **Prep. Vol.:** **Dilution:** **:** **Date:** 2007/07/11 12:18:43

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 324.228R	301,375.9	100	7,418.77	%				2.46 %
Y361.105A	1,725,167.8	101	17,273.17	%				1.00 %
Ag 338.289	193,891.7	[1.00]	216.57	mg/L				0.11 %
Ag 328.068	346,841.3	[1.00]	305.77	mg/L				0.09 %
Al 308.215	33,534.7	[10]	359.91	mg/L				1.07 %
As 188.979	4,377.4	[1.00]	56.87	mg/L				1.30 %
Ba 233.527	257,817.8	[1.00]	431.17	mg/L				0.17 %
Be 313.107	711,429.7	[0.1]	1,104.85	mg/L				0.16 %
B 208.959	114,049.4	[5.00]	574.98	mg/L				0.50 %

Ca 317.933	3,104,770.1	[10.00]	5,609.32	mg/L	0.18 %
Ca Radial	370,701.3	[10.00]	3,505.84	mg/L	0.95 %
Cd 226.502	20,260.2	[0.1]	254.33	mg/L	1.26 %
Co 228.616	88,855.6	[1.00]	247.42	mg/L	0.28 %
Cr 267.716	180,984.9	[1.00]	326.57	mg/L	0.18 %
Cu 324.754	425,116.3	[1.00]	510.67	mg/L	0.12 %
Fe 273.955	249,908.0	[5.0]	464.66	mg/L	0.19 %
Fe Radial	22,866.1	[5.0]	314.34	mg/L	1.37 %
K 766.491R	198,251.3	[50.00]	7,177.96	mg/L	3.62 %
Li 670.781R	128,871.9	[1.00]	1,172.47	mg/L	0.91 %
Mg 279.079R	41,318.1	[10.00]	460.61	mg/L	1.11 %
Mn 257.610	1,254,762.1	[1.00]	1,968.11	mg/L	0.16 %
Mo 202.030	32,075.0	[1.00]	407.11	mg/L	1.27 %
Na 589.592R	557,202.7	[50.0]	20,961.27	mg/L	3.76 %
Ni 231.604	95,855.7	[1.00]	255.56	mg/L	0.27 %
Pb 220.353	19,525.4	[1.00]	212.22	mg/L	1.09 %
Sb 206.833	5,501.8	[1.00]	67.99	mg/L	1.24 %
Se 196.026	4,095.2	[1.00]	57.64	mg/L	1.41 %
Sn 189.933	11,564.2	[1.00]	160.39	mg/L	1.39 %
Sr 421.539R	639,870.9	[1.00]	9,781.60	mg/L	1.53 %
Ti 337.280	365,048.1	[0.50]	524.82	mg/L	0.14 %
Tl 190.800	4,441.0	[1.00]	52.18	mg/L	1.17 %
V 292.402	294,878.2	[1.00]	331.89	mg/L	0.11 %

Zn 206.191	91,112.9	[1.00]	245.32	mg/L					0.27 %

Mean Data

ID: IBL1 **Seq. No.:** 7 **A/S Pos:** 1

2007/07/11 12:29:28 All analyte(s) passed QC.

Sample Qty: g **Prep. Vol.:** **Dilution:** : **Date:** 2007/07/11 12:27:22

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 324.228R	299,571.6	99.7	1.47	%				1.47 %
Y361.105A	1,723,448.6	101	2.0	%				1.99 %
Ag 338.289	-82.9	-0.0004	0.00077	mg/L	-0.0004			181.82 %
2007/07/11 12:29:27 QC value within limits for Ag 338.289 Recovery = Not calculated								
Ag 328.068	15.9	0.0000	0.00008	mg/L	0.0000			181.20 %
2007/07/11 12:29:27 QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 308.215	43.2	0.013	0.0125	mg/L	0.013			97.57 %
2007/07/11 12:29:27 QC value within limits for Al 308.215 Recovery = Not calculated								
As 188.979	-2.6	-0.0006	0.00093	mg/L	-0.0006			153.65 %
2007/07/11 12:29:27 QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527	30.4	0.0001	0.00003	mg/L	0.0001			21.83 %
2007/07/11 12:29:27 QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107	400.7	0.0001	0.00006	mg/L	0.0001			102.59 %
2007/07/11 12:29:27 QC value within limits for Be 313.107 Recovery = Not calculated								
B 208.959	420.5	0.0184	0.00094	mg/L	0.0184			5.11 %
2007/07/11 12:29:27 QC value within limits for B 208.959 Recovery = Not calculated								
Ca 317.933	-671.9	-0.0022	0.00399	mg/L	-0.0022			184.19 %
2007/07/11 12:29:27 QC value within limits for Ca 317.933 Recovery = Not calculated								
Ca Radial	-10.2	-0.0003	0.00179	mg/L	-0.0003			648.60 %
2007/07/11 12:29:27 QC value within limits for Ca Radial Recovery = Not calculated								
Cd 226.502	-0.9	0.0000	0.00009	mg/L	0.0000			2,010.2 %
2007/07/11 12:29:27 QC value within limits for Cd 226.502 Recovery = Not calculated								
Co 228.616	-0.2	0.0000	0.00010	mg/L	0.0000			6,075.8 %
2007/07/11 12:29:27 QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716	-8.6	0.0000	0.00048	mg/L	0.0000			1,020.5 %
2007/07/11 12:29:27 QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 324.754	-145.8	-0.0003	0.00108	mg/L	-0.0003			315.00 %
2007/07/11 12:29:27 QC value within limits for Cu 324.754 Recovery = Not calculated								
Fe 273.955	-52.3	-0.0010	0.00015	mg/L	-0.0010			14.25 %
2007/07/11 12:29:27 QC value within limits for Fe 273.955 Recovery = Not calculated								
Fe Radial	5.5	0.001	0.0028	mg/L	0.001			230.49 %
2007/07/11 12:29:27 QC value within limits for Fe Radial Recovery = Not calculated								
K 766.491R	35.8	0.009	0.0190	mg/L	0.009			210.60 %
2007/07/11 12:29:27 QC value within limits for K 766.491R Recovery = Not calculated								
Li 670.781R	-6.8	0.000	0.0002	mg/L	0.000			463.15 %
2007/07/11 12:29:27 QC value within limits for Li 670.781R Recovery = Not calculated								
Mg 279.079R	10.3	0.002	0.0056	mg/L	0.002			225.55 %
2007/07/11 12:29:27 QC value within limits for Mg 279.079R Recovery = Not calculated								

Mn 257.610	-27.6	0.0000	0.00001	mg/L	0.0000	66.85 %

2007/07/11 12:29:27 QC value within limits for Mn 257.610 Recovery = Not calculated

Mo 202.030	16.7	0.0005	0.00022	mg/L	0.0005	41.59 %

2007/07/11 12:29:27 QC value within limits for Mo 202.030 Recovery = Not calculated

Na 589.592R	150.7	0.014	0.0070	mg/L	0.014	52.07 %

2007/07/11 12:29:27 QC value within limits for Na 589.592R Recovery = Not calculated

Ni 231.604	22.1	0.000	0.0000	mg/L	0.000	11.62 %

2007/07/11 12:29:27 QC value within limits for Ni 231.604 Recovery = Not calculated

Pb 220.353	2.9	0.0002	0.00068	mg/L	0.0002	452.87 %

2007/07/11 12:29:27 QC value within limits for Pb 220.353 Recovery = Not calculated

Sb 206.833	6.3	0.0011	0.00302	mg/L	0.0011	263.68 %

2007/07/11 12:29:27 QC value within limits for Sb 206.833 Recovery = Not calculated

Se 196.026	-2.5	-0.0006	0.00385	mg/L	-0.0006	623.08 %

2007/07/11 12:29:27 QC value within limits for Se 196.026 Recovery = Not calculated

Sn 189.933	12.7	0.0011	0.00130	mg/L	0.0011	118.68 %

2007/07/11 12:29:27 QC value within limits for Sn 189.933 Recovery = Not calculated

Sr 421.539R	27.9	0.0000	0.00011	mg/L	0.0000	248.77 %

2007/07/11 12:29:27 QC value within limits for Sr 421.539R Recovery = Not calculated

Ti 337.280	-0.2	0.0000	0.00011	mg/L	0.0000	115,872 %

2007/07/11 12:29:27 QC value within limits for Ti 337.280 Recovery = Not calculated

Tl 190.800	-3.7	-0.0008	0.00256	mg/L	-0.0008	305.35 %

2007/07/11 12:29:27 QC value within limits for Tl 190.800 Recovery = Not calculated

V 292.402	-45.0	-0.0001	0.00018	mg/L	-0.0001	127.57 %

2007/07/11 12:29:27 QC value within limits for V 292.402 Recovery = Not calculated

Zn 206.191	-1.5	0.0000	0.00009	mg/L	0.0000	544.36 %

2007/07/11 12:29:27 QC value within limits for Zn 206.191 Recovery = Not calculated

Mean Data

ID: LCV1 **Seq. No.:** 8 **A/S Pos:** 6

2007/07/11 12:34:27 All analyte(s) passed QC.

Sample Qty: g **Prep. Vol.:** **Dilution:** **:** **Date:** 2007/07/11 12:32:21

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 324.228R	301,062.1	100	1.3	%				1.31 %
Y361.105A	1,730,951.0	102	1.2	%				1.16 %
Ag 338.289	1,954.5	0.0099	0.00074	mg/L	0.0099			7.49 %

2007/07/11 12:34:26 QC value within limits for Ag 338.289 Recovery = 98.90%

Ag 328.068	3,452.5	0.0100	0.00022	mg/L	0.0100	2.17 %

2007/07/11 12:34:26 QC value within limits for Ag 328.068 Recovery = 100.34%

Al 308.215	329.5	0.099	0.0119	mg/L	0.099	11.96 %

2007/07/11 12:34:26 QC value within limits for Al 308.215 Recovery = 99.12%

As 188.979	42.9	0.0100	0.00062	mg/L	0.0100	6.21 %

2007/07/11 12:34:26 QC value within limits for As 188.979 Recovery = 99.93%

Ba 233.527	2,660.2	0.0103	0.00010	mg/L	0.0103	0.99 %

2007/07/11 12:34:26 QC value within limits for Ba 233.527 Recovery = 103.18%

Be 313.107	7,380.7	0.0010	0.00004	mg/L	0.0010	4.01 %

2007/07/11 12:34:26 QC value within limits for Be 313.107 Recovery = 103.54%

B 208.959	1,381.1	0.0605	0.00061	mg/L	0.0605	1.01 %
2007/07/11 12:34:26 QC value within limits for B 208.959 Recovery = 121.10%						
Ca 317.933	22,594.4	0.0728	0.00387	mg/L	0.0728	5.31 %
2007/07/11 12:34:26 QC value within limits for Ca 317.933 Recovery = 72.77%						
Ca Radial	2,725.3	0.0735	0.00507	mg/L	0.0735	6.89 %
2007/07/11 12:34:26 QC value within limits for Ca Radial Recovery = 73.52%						
Cd 226.502	220.4	0.0011	0.00010	mg/L	0.0011	9.59 %
2007/07/11 12:34:26 QC value within limits for Cd 226.502 Recovery = 108.24%						
Co 228.616	907.1	0.0102	0.00028	mg/L	0.0102	2.75 %
2007/07/11 12:34:26 QC value within limits for Co 228.616 Recovery = 102.11%						
Cr 267.716	1,823.8	0.0101	0.00057	mg/L	0.0101	5.65 %
2007/07/11 12:34:26 QC value within limits for Cr 267.716 Recovery = 100.77%						
Cu 324.754	3,910.2	0.0092	0.00093	mg/L	0.0092	10.16 %
2007/07/11 12:34:26 QC value within limits for Cu 324.754 Recovery = 91.98%						
Fe 273.955	2,364.2	0.0472	0.00153	mg/L	0.0472	3.24 %
2007/07/11 12:34:26 QC value within limits for Fe 273.955 Recovery = 94.46%						
Fe Radial	220.0	0.048	0.0014	mg/L	0.048	2.94 %
2007/07/11 12:34:26 QC value within limits for Fe Radial Recovery = 96.21%						
K 766.491R	2,046.7	0.516	0.0077	mg/L	0.516	1.50 %
2007/07/11 12:34:26 QC value within limits for K 766.491R Recovery = 103.24%						
Li 670.781R	1,387.1	0.011	0.0003	mg/L	0.011	2.96 %
2007/07/11 12:34:26 QC value within limits for Li 670.781R Recovery = 107.63%						
Mg 279.079R	417.8	0.101	0.0084	mg/L	0.101	8.26 %
2007/07/11 12:34:26 QC value within limits for Mg 279.079R Recovery = 101.26%						
Mn 257.610	12,786.2	0.0102	0.00020	mg/L	0.0102	1.95 %
2007/07/11 12:34:26 QC value within limits for Mn 257.610 Recovery = 101.90%						
Mo 202.030	334.9	0.0104	0.00012	mg/L	0.0104	1.17 %
2007/07/11 12:34:26 QC value within limits for Mo 202.030 Recovery = 104.42%						
Na 589.592R	5,926.3	0.532	0.0120	mg/L	0.532	2.25 %
2007/07/11 12:34:26 QC value within limits for Na 589.592R Recovery = 106.36%						
Ni 231.604	976.6	0.010	0.0001	mg/L	0.010	1.21 %
2007/07/11 12:34:26 QC value within limits for Ni 231.604 Recovery = 101.89%						
Pb 220.353	179.5	0.0092	0.00071	mg/L	0.0092	7.72 %
2007/07/11 12:34:26 QC value within limits for Pb 220.353 Recovery = 92.25%						
Sb 206.833	56.6	0.0101	0.00237	mg/L	0.0101	23.43 %
2007/07/11 12:34:26 QC value within limits for Sb 206.833 Recovery = 100.97%						
Se 196.026	36.6	0.0090	0.00294	mg/L	0.0090	32.83 %
2007/07/11 12:34:26 QC value within limits for Se 196.026 Recovery = 89.56%						
Sn 189.933	128.1	0.0111	0.00047	mg/L	0.0111	4.19 %
2007/07/11 12:34:26 QC value within limits for Sn 189.933 Recovery = 111.13%						
Sr 421.539R	6,525.9	0.0102	0.00022	mg/L	0.0102	2.17 %
2007/07/11 12:34:26 QC value within limits for Sr 421.539R Recovery = 101.99%						
Ti 337.280	3,532.3	0.0048	0.00009	mg/L	0.0048	1.89 %
2007/07/11 12:34:26 QC value within limits for Ti 337.280 Recovery = 96.84%						
Tl 190.800	36.4	0.0082	0.00200	mg/L	0.0082	24.28 %
2007/07/11 12:34:26 QC value within limits for Tl 190.800 Recovery = 82.50%						

V 292.402	2,959.2	0.0102	0.00024	mg/L	0.0102			2.37 %

2007/07/11 12:34:26 QC value within limits for V 292.402 Recovery = 101.90%

Zn 206.191	888.2	0.0097	0.00005	mg/L	0.0097			0.52 %

2007/07/11 12:34:26 QC value within limits for Zn 206.191 Recovery = 97.48%

Mean Data

ID: SCV1 **Seq. No.:** 9 **A/S Pos:** 5

2007/07/11 12:41:12 All analyte(s) passed QC.

Sample Qty: g **Prep. Vol.:** **Dilution:** **:** **Date:** 2007/07/11 12:39:12

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 324.228R	299,583.9	99.7	0.90	%				0.90 %
Y361.105A	1,731,674.7	102	0.9	%				0.85 %
Ag 338.289	22,869.2	0.0983	0.00069	mg/L	0.0983			0.70 %

2007/07/11 12:41:11 QC value within limits for Ag 338.289 Recovery = 98.29%

Ag 328.068	34,169.8	0.1026	0.00018	mg/L	0.1026			0.17 %

2007/07/11 12:41:11 QC value within limits for Ag 328.068 Recovery = 102.58%

Al 308.215	34,311.9	10.3	0.09	mg/L	10.3			0.92 %

2007/07/11 12:41:11 QC value within limits for Al 308.215 Recovery = 102.77%

As 188.979	4,442.1	1.035	0.0085	mg/L	1.035			0.82 %

2007/07/11 12:41:11 QC value within limits for As 188.979 Recovery = 103.48%

Ba 233.527	261,361.9	1.014	0.0008	mg/L	1.014			0.08 %

2007/07/11 12:41:11 QC value within limits for Ba 233.527 Recovery = 101.37%

Be 313.107	3,619,319.2	0.5085	0.00623	mg/L	0.5085			1.23 %

2007/07/11 12:41:11 QC value within limits for Be 313.107 Recovery = 101.71%

B 208.959	23,700.2	1.039	0.0084	mg/L	1.039			0.81 %

2007/07/11 12:41:11 QC value within limits for B 208.959 Recovery = 103.90%

Ca 317.933	3,155,571.7	10.16	0.005	mg/L	10.16			0.05 %

2007/07/11 12:41:11 QC value within limits for Ca 317.933 Recovery = 101.64%

Ca Radial	376,959.4	10.17	0.092	mg/L	10.17			0.91 %

2007/07/11 12:41:11 QC value within limits for Ca Radial Recovery = 101.69%

Cd 226.502	103,033.7	0.5075	0.00076	mg/L	0.5075			0.15 %

2007/07/11 12:41:11 QC value within limits for Cd 226.502 Recovery = 101.51%

Co 228.616	90,849.5	1.022	0.0017	mg/L	1.022			0.17 %

2007/07/11 12:41:11 QC value within limits for Co 228.616 Recovery = 102.20%

Cr 267.716	185,489.3	1.025	0.0005	mg/L	1.025			0.05 %

2007/07/11 12:41:11 QC value within limits for Cr 267.716 Recovery = 102.49%

Cu 324.754	217,717.3	0.5121	0.00083	mg/L	0.5121			0.16 %

2007/07/11 12:41:11 QC value within limits for Cu 324.754 Recovery = 102.43%

Fe 273.955	507,877.7	10.16	0.010	mg/L	10.16			0.10 %

2007/07/11 12:41:11 QC value within limits for Fe 273.955 Recovery = 101.58%

Fe Radial	46,684.5	10.2	0.11	mg/L	10.2			1.09 %

2007/07/11 12:41:11 QC value within limits for Fe Radial Recovery = 102.08%

K 766.491R	203,441.7	51.3	1.59	mg/L	51.3			3.10 %

2007/07/11 12:41:11 QC value within limits for K 766.491R Recovery = 102.62%

Li 670.781R	66,847.2	0.519	0.0055	mg/L	0.519			1.06 %

2007/07/11 12:41:11 QC value within limits for Li 670.781R Recovery = 103.74%

Mg 279.079R	42,054.6	10.2	0.09	mg/L	10.2	0.84 %

2007/07/11 12:41:11 QC value within limits for Mg 279.079R Recovery = 101.85%

Mn 257.610	644,819.5	0.5139	0.00050	mg/L	0.5139	0.10 %

2007/07/11 12:41:11 QC value within limits for Mn 257.610 Recovery = 102.78%

Mo 202.030	16,261.6	0.5070	0.00408	mg/L	0.5070	0.81 %

2007/07/11 12:41:11 QC value within limits for Mo 202.030 Recovery = 101.40%

Na 589.592R	570,625.4	51.2	1.63	mg/L	51.2	3.18 %

2007/07/11 12:41:11 QC value within limits for Na 589.592R Recovery = 102.41%

Ni 231.604	98,295.1	1.03	0.002	mg/L	1.03	0.17 %

2007/07/11 12:41:11 QC value within limits for Ni 231.604 Recovery = 102.54%

Pb 220.353	19,963.8	1.025	0.0078	mg/L	1.025	0.76 %

2007/07/11 12:41:11 QC value within limits for Pb 220.353 Recovery = 102.50%

Sb 206.833	2,801.8	0.4904	0.00842	mg/L	0.4904	1.72 %

2007/07/11 12:41:11 QC value within limits for Sb 206.833 Recovery = 98.08%

Se 196.026	4,218.5	1.035	0.0077	mg/L	1.035	0.75 %

2007/07/11 12:41:11 QC value within limits for Se 196.026 Recovery = 103.47%

Sn 189.933	12,036.4	1.045	0.0078	mg/L	1.045	0.75 %

2007/07/11 12:41:11 QC value within limits for Sn 189.933 Recovery = 104.45%

Sr 421.539R	653,406.7	1.021	0.0270	mg/L	1.021	2.64 %

2007/07/11 12:41:11 QC value within limits for Sr 421.539R Recovery = 102.12%

Ti 337.280	370,595.2	0.5078	0.00039	mg/L	0.5078	0.08 %

2007/07/11 12:41:11 QC value within limits for Ti 337.280 Recovery = 101.55%

Tl 190.800	2,264.9	0.5118	0.00471	mg/L	0.5118	0.92 %

2007/07/11 12:41:11 QC value within limits for Tl 190.800 Recovery = 102.36%

V 292.402	150,451.7	0.5166	0.00045	mg/L	0.5166	0.09 %

2007/07/11 12:41:11 QC value within limits for V 292.402 Recovery = 103.32%

Zn 206.191	93,470.7	1.026	0.0024	mg/L	1.026	0.23 %

2007/07/11 12:41:11 QC value within limits for Zn 206.191 Recovery = 102.59%

Mean Data

ID: ICV1 **Seq. No.:** 10 **A/S Pos:** 3

2007/07/11 12:47:52 All analyte(s) passed QC.

Sample Qty: g **Prep. Vol.:** **Dilution:** **:** **Date:** 2007/07/11 12:45:55

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 324.228R	299,868.8	99.8	0.35	%				0.35 %
Y361.105A	1,734,574.9	102	0.3	%				0.25 %
Ag 338.289	97,658.6	0.4942	0.00040	mg/L	0.4942			0.08 %

2007/07/11 12:47:51 QC value within limits for Ag 338.289 Recovery = 98.84%

Ag 328.068	174,676.1	0.5076	0.00016	mg/L	0.5076	0.03 %

2007/07/11 12:47:51 QC value within limits for Ag 328.068 Recovery = 101.53%

Al 308.215	16,943.1	5.10	0.033	mg/L	5.10	0.64 %

2007/07/11 12:47:51 QC value within limits for Al 308.215 Recovery = 101.93%

As 188.979	2,187.6	0.5098	0.00193	mg/L	0.5098	0.38 %

2007/07/11 12:47:51 QC value within limits for As 188.979 Recovery = 101.97%

Ba 233.527	130,796.1	0.5073	0.00010	mg/L	0.5073	0.02 %

2007/07/11 12:47:51 QC value within limits for Ba 233.527 Recovery = 101.46%

Be 313.107	359,935.3	0.0505	0.00003	mg/L	0.0505	0.07 %

2007/07/11 12:47:51 QC value within limits for Be 313.107 Recovery = 100.98%

B 208.959	57,784.0	2.533	0.0104	mg/L	2.533	0.41 %

2007/07/11 12:47:51 QC value within limits for B 208.959 Recovery = 101.33%

Ca 317.933	1,564,576.5	5.039	0.0028	mg/L	5.039	0.06 %

2007/07/11 12:47:51 QC value within limits for Ca 317.933 Recovery = 100.79%

Ca Radial	186,603.9	5.034	0.0345	mg/L	5.034	0.69 %

2007/07/11 12:47:51 QC value within limits for Ca Radial Recovery = 100.68%

Cd 226.502	10,219.2	0.0502	0.00014	mg/L	0.0502	0.27 %

2007/07/11 12:47:51 QC value within limits for Cd 226.502 Recovery = 100.30%

Co 228.616	45,122.9	0.5079	0.00038	mg/L	0.5079	0.08 %

2007/07/11 12:47:51 QC value within limits for Co 228.616 Recovery = 101.58%

Cr 267.716	91,620.7	0.5062	0.00051	mg/L	0.5062	0.10 %

2007/07/11 12:47:51 QC value within limits for Cr 267.716 Recovery = 101.25%

Cu 324.754	213,441.1	0.5021	0.00009	mg/L	0.5021	0.02 %

2007/07/11 12:47:51 QC value within limits for Cu 324.754 Recovery = 100.42%

Fe 273.955	126,641.3	2.530	0.0012	mg/L	2.530	0.05 %

2007/07/11 12:47:51 QC value within limits for Fe 273.955 Recovery = 101.21%

Fe Radial	11,652.2	2.55	0.023	mg/L	2.55	0.89 %

2007/07/11 12:47:51 QC value within limits for Fe Radial Recovery = 101.92%

K 766.491R	100,956.6	25.5	0.14	mg/L	25.5	0.55 %

2007/07/11 12:47:51 QC value within limits for K 766.491R Recovery = 101.85%

Li 670.781R	66,110.4	0.513	0.0033	mg/L	0.513	0.65 %

2007/07/11 12:47:51 QC value within limits for Li 670.781R Recovery = 102.60%

Mg 279.079R	20,921.7	5.07	0.037	mg/L	5.07	0.72 %

2007/07/11 12:47:51 QC value within limits for Mg 279.079R Recovery = 101.41%

Mn 257.610	637,588.4	0.5081	0.00012	mg/L	0.5081	0.02 %

2007/07/11 12:47:51 QC value within limits for Mn 257.610 Recovery = 101.63%

Mo 202.030	16,171.9	0.5042	0.00120	mg/L	0.5042	0.24 %

2007/07/11 12:47:51 QC value within limits for Mo 202.030 Recovery = 100.84%

Na 589.592R	284,179.0	25.5	0.74	mg/L	25.5	2.90 %

2007/07/11 12:47:51 QC value within limits for Na 589.592R Recovery = 102.00%

Ni 231.604	48,624.6	0.507	0.0003	mg/L	0.507	0.06 %

2007/07/11 12:47:51 QC value within limits for Ni 231.604 Recovery = 101.45%

Pb 220.353	9,865.2	0.5068	0.00075	mg/L	0.5068	0.15 %

2007/07/11 12:47:51 QC value within limits for Pb 220.353 Recovery = 101.35%

Sb 206.833	2,764.7	0.4927	0.00351	mg/L	0.4927	0.71 %

2007/07/11 12:47:51 QC value within limits for Sb 206.833 Recovery = 98.55%

Se 196.026	2,068.1	0.5060	0.00349	mg/L	0.5060	0.69 %

2007/07/11 12:47:51 QC value within limits for Se 196.026 Recovery = 101.20%

Sn 189.933	5,696.4	0.4944	0.00066	mg/L	0.4944	0.13 %

2007/07/11 12:47:51 QC value within limits for Sn 189.933 Recovery = 98.89%

Sr 421.539R	320,753.0	0.5013	0.01471	mg/L	0.5013	2.94 %

2007/07/11 12:47:51 QC value within limits for Sr 421.539R Recovery = 100.26%

Ti 337.280	184,014.9	0.2522	0.00019	mg/L	0.2522	0.08 %

2007/07/11 12:47:51 QC value within limits for Ti 337.280 Recovery = 100.89%

Tl 190.800	2,235.9	0.5060	0.00030	mg/L	0.5060			0.06 %

2007/07/11 12:47:51 QC value within limits for Tl 190.800 Recovery = 101.20%

V 292.402	148,691.5	0.5117	0.00030	mg/L	0.5117			0.06 %

2007/07/11 12:47:51 QC value within limits for V 292.402 Recovery = 102.33%

Zn 206.191	46,100.8	0.5060	0.00088	mg/L	0.5060			0.17 %

2007/07/11 12:47:51 QC value within limits for Zn 206.191 Recovery = 101.19%

Mean Data

ID: IFA1 **Seq. No.:** 12 **A/S Pos:** 4

2007/07/11 13:00:36 All analyte(s) passed QC. One or more analytes were not evaluated.

Sample Qty: g **Prep. Vol.:** **Dilution:** **:** **Date:** 2007/07/11 12:59:20

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 324.228R	288,774.4	96.1	0.60	%				0.63 %
Y361.105A	1,640,076.4	96.2	0.24	%				0.25 %
Ag 338.289	208,729.1	1.063	0.0005	mg/L	1.063			0.05 %

2007/07/11 13:00:35 QC value within limits for Ag 338.289 Recovery = 106.34%

Ag 328.068	370,557.4	1.077	0.0004	mg/L	1.077			0.04 %

2007/07/11 13:00:35 QC value within limits for Ag 328.068 Recovery = 107.67%

Al 308.215	1,775,927.9	530	2.2	mg/L	530			0.41 %

2007/07/11 13:00:35 QC value within limits for Al 308.215 Recovery = 105.93%

As 188.979	4,451.9	1.047	0.0181	mg/L	1.047			1.73 %

2007/07/11 13:00:35 QC value within limits for As 188.979 Recovery = 104.72%

Ba 233.527	258,979.9	1.005	0.0006	mg/L	1.005			0.06 %

2007/07/11 13:00:35 QC value within limits for Ba 233.527 Recovery = 100.45%

Be 313.107	7,214,194.0	1.014	0.0046	mg/L	1.014			0.45 %

2007/07/11 13:00:35 QC value within limits for Be 313.107 Recovery = 101.36%

B 208.959	25,401.0	1.114	0.0114	mg/L	1.114			1.03 %

2007/07/11 13:00:35 QC value within limits for B 208.959 Recovery = 111.36%

Ca 317.933 %

2007/07/11 13:00:35 Unable to evaluate QC.

Ca Radial	18,090,354.6	488.0	11.38	mg/L	488.0			2.33 %

2007/07/11 13:00:35 QC value within limits for Ca Radial Recovery = 97.60%

Cd 226.502	200,125.9	0.9693	0.00060	mg/L	0.9693			0.06 %

2007/07/11 13:00:35 QC value within limits for Cd 226.502 Recovery = 96.93%

Co 228.616	87,619.8	0.9850	0.00049	mg/L	0.9850			0.05 %

2007/07/11 13:00:35 QC value within limits for Co 228.616 Recovery = 98.50%

Cr 267.716	184,240.0	1.018	0.0008	mg/L	1.018			0.08 %

2007/07/11 13:00:35 QC value within limits for Cr 267.716 Recovery = 101.80%

Cu 324.754	449,504.7	1.057	0.0016	mg/L	1.057			0.15 %

2007/07/11 13:00:35 QC value within limits for Cu 324.754 Recovery = 105.74%

Fe 273.955	9,347,217.3	187.0	0.86	mg/L	187.0			0.46 %

2007/07/11 13:00:35 QC value within limits for Fe 273.955 Recovery = 93.50%

Fe Radial	891,214.6	195	0.9	mg/L	195			0.44 %

2007/07/11 13:00:35 QC value within limits for Fe Radial Recovery = 97.44%

K 766.491R	42,371.8	10.7	0.02	mg/L	10.7			0.21 %

2007/07/11 13:00:35 QC value within limits for K 766.491R Recovery = 106.86%

Li 670.781R	141,661.8	1.10	0.004	mg/L	1.10	0.40 %

2007/07/11 13:00:35 QC value within limits for Li 670.781R Recovery = 109.92%

Mg 279.079R	2,048,438.2	496	1.8	mg/L	496	0.36 %

2007/07/11 13:00:35 QC value within limits for Mg 279.079R Recovery = 99.16%

Mn 257.610	1,284,416.5	1.024	0.0011	mg/L	1.024	0.10 %

2007/07/11 13:00:35 QC value within limits for Mn 257.610 Recovery = 102.36%

Mo 202.030	32,715.0	1.020	0.0087	mg/L	1.020	0.85 %

2007/07/11 13:00:35 QC value within limits for Mo 202.030 Recovery = 102.00%

Na 589.592R	12,478.9	1.12	0.007	mg/L	1.12	0.58 %

2007/07/11 13:00:35 QC value within limits for Na 589.592R Recovery = 111.98%

Ni 231.604	91,214.3	0.952	0.0003	mg/L	0.952	0.03 %

2007/07/11 13:00:35 QC value within limits for Ni 231.604 Recovery = 95.16%

Pb 220.353	17,907.6	1.022	0.0105	mg/L	1.022	1.02 %

2007/07/11 13:00:35 QC value within limits for Pb 220.353 Recovery = 102.24%

Sb 206.833	6,148.5	1.002	0.0062	mg/L	1.002	0.62 %

2007/07/11 13:00:35 QC value within limits for Sb 206.833 Recovery = 100.19%

Se 196.026	3,993.3	1.053	0.0153	mg/L	1.053	1.45 %

2007/07/11 13:00:35 QC value within limits for Se 196.026 Recovery = 105.29%

Sn 189.933	12,145.5	1.058	0.0106	mg/L	1.058	1.00 %

2007/07/11 13:00:35 QC value within limits for Sn 189.933 Recovery = 105.81%

Sr 421.539R	683,830.2	1.069	0.0057	mg/L	1.069	0.53 %

2007/07/11 13:00:35 QC value within limits for Sr 421.539R Recovery = 106.87%

Ti 337.280	781,092.8	1.070	0.0002	mg/L	1.070	0.02 %

2007/07/11 13:00:35 QC value within limits for Ti 337.280 Recovery = 107.02%

Tl 190.800	4,215.7	0.9818	0.01001	mg/L	0.9818	1.02 %

2007/07/11 13:00:35 QC value within limits for Tl 190.800 Recovery = 98.18%

V 292.402	309,169.4	1.043	0.0006	mg/L	1.043	0.06 %

2007/07/11 13:00:35 QC value within limits for V 292.402 Recovery = 104.26%

Zn 206.191	85,762.4	0.9413	0.00025	mg/L	0.9413	0.03 %

2007/07/11 13:00:35 QC value within limits for Zn 206.191 Recovery = 94.13%

Mean Data

ID: 7g09007-blk1 **Seq. No.:** 14 **A/S Pos:** 24

Sample Qty: g **Prep. Vol.:** **Dilution:** **:** **Date:** 2007/07/11 13:11:40

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 324.228R	301,011.2	100	0.3	%			%	0.31 %
Y361.105A	1,718,335.4	101	0.6	%			%	0.56 %
Ag 338.289	-25.9	-0.0001	0.00025	mg/L	-0.0001	0.00025	mg/L	193.27 %
Ag 328.068	38.8	0.0001	0.00007	mg/L	0.0001	0.00007	mg/L	59.69 %
Al 308.215	8.5	0.003	0.0127	mg/L	0.003	0.0127	mg/L	507.85 %
As 188.979	-4.2	-0.0010	0.00221	mg/L	-0.0010	0.00221	mg/L	229.41 %

Ba 233.527	10.5	0.0000	0.00004	mg/L	0.0000	0.00004	mg/L	98.45	%
Be 313.107	111.9	0.0000	0.00001	mg/L	0.0000	0.00001	mg/L	87.48	%
B 208.959	91.5	0.0040	0.00009	mg/L	0.0040	0.00009	mg/L	2.30	%
Ca 317.933	-3,748.4	-0.0121	0.00031	mg/L	-0.0121	0.00031	mg/L	2.54	%
Ca Radial	-419.4	-0.0113	0.00136	mg/L	-0.0113	0.00136	mg/L	12.05	%
Cd 226.502	-5.2	0.0000	0.00012	mg/L	0.0000	0.00012	mg/L	459.26	%
Co 228.616	38.0	0.0004	0.00006	mg/L	0.0004	0.00006	mg/L	13.76	%
Cr 267.716	-40.8	-0.0002	0.00041	mg/L	-0.0002	0.00041	mg/L	183.33	%
Cu 324.754	469.5	0.0011	0.00021	mg/L	0.0011	0.00021	mg/L	19.02	%
Fe 273.955	664.6	0.0133	0.00116	mg/L	0.0133	0.00116	mg/L	8.72	%
Fe Radial	65.0	0.014	0.0057	mg/L	0.014	0.0057	mg/L	40.39	%
K 766.491R	31.0	0.008	0.0137	mg/L	0.008	0.0137	mg/L	175.66	%
Li 670.781R	6.2	0.000	0.0005	mg/L	0.000	0.0005	mg/L	975.43	%
Mg 279.079R	338.5	0.082	0.0046	mg/L	0.082	0.0046	mg/L	5.66	%
Mn 257.610	-107.7	-0.0001	0.00002	mg/L	-0.0001	0.00002	mg/L	27.20	%
Mo 202.030	-10.3	-0.0003	0.00061	mg/L	-0.0003	0.00061	mg/L	189.79	%
Na 589.592R	-26.5	-0.002	0.0108	mg/L	-0.002	0.0108	mg/L	454.44	%
Ni 231.604	13.3	0.000	0.0001	mg/L	0.000	0.0001	mg/L	104.00	%
Pb 220.353	2.8	0.0001	0.00116	mg/L	0.0001	0.00116	mg/L	801.11	%
Sb 206.833	11.4	0.0021	0.00104	mg/L	0.0021	0.00104	mg/L	49.90	%
Se 196.026	-0.8	-0.0002	0.00273	mg/L	-0.0002	0.00273	mg/L	1,356.7	%
Sn 189.933	13.7	0.0012	0.00035	mg/L	0.0012	0.00035	mg/L	29.49	%
Sr 421.539R	-42.1	-0.0001	0.00007	mg/L	-0.0001	0.00007	mg/L	100.47	%

Ti 337.280	-241.4	-0.0003	0.00004	mg/L	-0.0003	0.00004	mg/L	11.74 %
Tl 190.800	-7.8	-0.0018	0.00187	mg/L	-0.0018	0.00187	mg/L	106.56 %
V 292.402	-70.1	-0.0002	0.00024	mg/L	-0.0002	0.00024	mg/L	97.84 %
Zn 206.191	133.1	0.0015	0.00012	mg/L	0.0015	0.00012	mg/L	7.96 %

Mean Data

ID: 7g09007-bs1 **Seq. No.:** 15 **A/S Pos:** 25

Sample Qty: g **Prep. Vol.:** **Dilution:** **:** **Date:** 2007/07/11 13:18:25

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 324.228R	301,593.8	100	1.1	%			%	1.13 %
Y361.105A	1,736,557.3	102	0.8	%			%	0.78 %
Ag 338.289	23,038.4	0.0989	0.00029	mg/L	0.0989	0.00029	mg/L	0.30 %
Ag 328.068	34,482.9	0.1035	0.00041	mg/L	0.1035	0.00041	mg/L	0.39 %
Al 308.215	34,956.5	10.5	0.08	mg/L	10.5	0.08	mg/L	0.72 %
As 188.979	4,567.3	1.064	0.0141	mg/L	1.064	0.0141	mg/L	1.32 %
Ba 233.527	265,430.3	1.030	0.0016	mg/L	1.030	0.0016	mg/L	0.16 %
Be 313.107	3,685,598.4	0.5178	0.00410	mg/L	0.5178	0.00410	mg/L	0.79 %
B 208.959	24,175.6	1.060	0.0169	mg/L	1.060	0.0169	mg/L	1.59 %
Ca 317.933	3,205,948.8	10.33	0.015	mg/L	10.33	0.015	mg/L	0.15 %
Ca Radial	383,827.2	10.35	0.063	mg/L	10.35	0.063	mg/L	0.61 %
Cd 226.502	105,455.5	0.5195	0.00077	mg/L	0.5195	0.00077	mg/L	0.15 %
Co 228.616	92,480.7	1.040	0.0017	mg/L	1.040	0.0017	mg/L	0.16 %
Cr 267.716	187,896.0	1.038	0.0014	mg/L	1.038	0.0014	mg/L	0.14 %
Cu 324.754	222,052.1	0.5223	0.00086	mg/L	0.5223	0.00086	mg/L	0.17 %
Fe 273.955	516,015.2	10.32	0.015	mg/L	10.32	0.015	mg/L	0.15 %
Fe Radial	47,557.7	10.4	0.08	mg/L	10.4	0.08	mg/L	0.78 %

K 766.491R	205,393.2	51.8	1.15	mg/L	51.8	1.15	mg/L	2.22 %
Li 670.781R	68,217.1	0.529	0.0030	mg/L	0.529	0.0030	mg/L	0.56 %
Mg 279.079R	42,951.1	10.4	0.07	mg/L	10.4	0.07	mg/L	0.66 %
Mn 257.610	653,800.9	0.5211	0.00076	mg/L	0.5211	0.00076	mg/L	0.15 %
Mo 202.030	16,373.7	0.5105	0.00817	mg/L	0.5105	0.00817	mg/L	1.60 %
Na 589.592R	576,121.5	51.7	1.17	mg/L	51.7	1.17	mg/L	2.25 %
Ni 231.604	100,221.2	1.05	0.002	mg/L	1.05	0.002	mg/L	0.21 %
Pb 220.353	20,283.3	1.041	0.0117	mg/L	1.041	0.0117	mg/L	1.12 %
Sb 206.833	2,836.4	0.4965	0.00625	mg/L	0.4965	0.00625	mg/L	1.26 %
Se 196.026	4,391.8	1.077	0.0163	mg/L	1.077	0.0163	mg/L	1.52 %
Sn 189.933	12,230.1	1.061	0.0143	mg/L	1.061	0.0143	mg/L	1.35 %
Sr 421.539R	661,154.0	1.033	0.0233	mg/L	1.033	0.0233	mg/L	2.26 %
Ti 337.280	374,428.7	0.5130	0.00051	mg/L	0.5130	0.00051	mg/L	0.10 %
Tl 190.800	2,306.2	0.5211	0.00557	mg/L	0.5211	0.00557	mg/L	1.07 %
V 292.402	152,572.6	0.5238	0.00087	mg/L	0.5238	0.00087	mg/L	0.17 %
Zn 206.191	95,975.6	1.053	0.0028	mg/L	1.053	0.0028	mg/L	0.26 %

Mean Data

ID: 7g09007-ms1 **Seq. No.:** 16 **A/S Pos:** 26

Sample Qty: g **Prep. Vol.:** **Dilution:** **:** **Date:** 2007/07/11 13:25:12

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 324.228R	298,944.9	99.5	0.78	%			%	0.78 %
Y361.105A	1,726,078.9	101	1.0	%			%	1.00 %
Ag 338.289	23,226.8	0.1001	0.00073	mg/L	0.1001	0.00073	mg/L	0.72 %
Ag 328.068	34,407.9	0.1033	0.00093	mg/L	0.1033	0.00093	mg/L	0.90 %
Al 308.215	35,411.0	10.6	0.01	mg/L	10.6	0.01	mg/L	0.12 %

As 188.979	4,609.3	1.073	0.0091	mg/L	1.073	0.0091	mg/L	0.85 %
Ba 233.527	267,797.6	1.039	0.0087	mg/L	1.039	0.0087	mg/L	0.84 %
Be 313.107	3,676,492.4	0.5166	0.00130	mg/L	0.5166	0.00130	mg/L	0.25 %
B 208.959	26,196.1	1.148	0.0112	mg/L	1.148	0.0112	mg/L	0.98 %
Ca 317.933	46,271,047.0	149.0	1.40	mg/L	149.0	1.40	mg/L	0.94 %
Ca Radial	5,570,392.9	150.3	1.15	mg/L	150.3	1.15	mg/L	0.76 %
Cd 226.502	101,541.7	0.4991	0.00394	mg/L	0.4991	0.00394	mg/L	0.79 %
Co 228.616	90,404.2	1.017	0.0087	mg/L	1.017	0.0087	mg/L	0.86 %
Cr 267.716	185,799.4	1.026	0.0078	mg/L	1.026	0.0078	mg/L	0.76 %
Cu 324.754	222,103.2	0.5225	0.00430	mg/L	0.5225	0.00430	mg/L	0.82 %
Fe 273.955	1,062,234.3	21.25	0.053	mg/L	21.25	0.053	mg/L	0.25 %
Fe Radial	98,854.7	21.6	0.05	mg/L	21.6	0.05	mg/L	0.23 %
K 766.491R	235,814.9	59.5	0.38	mg/L	59.5	0.38	mg/L	0.63 %
Li 670.781R	69,300.8	0.538	0.0009	mg/L	0.538	0.0009	mg/L	0.16 %
Mg 279.079R	90,706.2	22.0	0.04	mg/L	22.0	0.04	mg/L	0.20 %
Mn 257.610	1,766,049.8	1.407	0.0034	mg/L	1.407	0.0034	mg/L	0.24 %
Mo 202.030	16,484.7	0.5139	0.00458	mg/L	0.5139	0.00458	mg/L	0.89 %
Na 589.592R	615,676.0	55.2	0.42	mg/L	55.2	0.42	mg/L	0.76 %
Ni 231.604	97,791.2	1.02	0.008	mg/L	1.02	0.008	mg/L	0.81 %
Pb 220.353	19,845.8	1.019	0.0088	mg/L	1.019	0.0088	mg/L	0.87 %
Sb 206.833	2,874.0	0.5018	0.00607	mg/L	0.5018	0.00607	mg/L	1.21 %
Se 196.026	4,396.1	1.082	0.0079	mg/L	1.082	0.0079	mg/L	0.73 %
Sn 189.933	12,496.8	1.084	0.0094	mg/L	1.084	0.0094	mg/L	0.86 %

Sr 421.539R	987,746.0	1.544	0.0358	mg/L	1.544	0.0358	mg/L	2.32 %
Ti 337.280	372,965.1	0.5110	0.00386	mg/L	0.5110	0.00386	mg/L	0.75 %
Tl 190.800	2,218.6	0.5121	0.00161	mg/L	0.5121	0.00161	mg/L	0.31 %
V 292.402	152,517.2	0.5225	0.00413	mg/L	0.5225	0.00413	mg/L	0.79 %
Zn 206.191	91,330.1	1.002	0.0075	mg/L	1.002	0.0075	mg/L	0.75 %

Mean Data

ID: 7g09007-msd1 **Seq. No.:** 17 **A/S Pos:** 27

Sample Qty: g **Prep. Vol.:** **Dilution:** **:** **Date:** 2007/07/11 13:32:27

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 324.228R	294,867.0	98.1	0.10	%			%	0.11 %
Y361.105A	1,737,973.3	102	0.5	%			%	0.45 %
Ag 338.289	23,062.4	0.0993	0.00087	mg/L	0.0993	0.00087	mg/L	0.88 %
Ag 328.068	34,146.1	0.1026	0.00056	mg/L	0.1026	0.00056	mg/L	0.54 %
Al 308.215	35,454.9	10.6	0.08	mg/L	10.6	0.08	mg/L	0.75 %
As 188.979	4,565.4	1.063	0.0042	mg/L	1.063	0.0042	mg/L	0.39 %
Ba 233.527	267,261.3	1.037	0.0072	mg/L	1.037	0.0072	mg/L	0.70 %
Be 313.107	3,670,209.2	0.5157	0.00074	mg/L	0.5157	0.00074	mg/L	0.14 %
B 208.959	26,076.2	1.143	0.0062	mg/L	1.143	0.0062	mg/L	0.55 %
Ca 317.933	46,241,285.4	148.9	0.38	mg/L	148.9	0.38	mg/L	0.26 %
Ca Radial	5,676,233.4	153.1	2.26	mg/L	153.1	2.26	mg/L	1.47 %
Cd 226.502	101,357.3	0.4982	0.00328	mg/L	0.4982	0.00328	mg/L	0.66 %
Co 228.616	90,094.2	1.013	0.0075	mg/L	1.013	0.0075	mg/L	0.74 %
Cr 267.716	185,448.0	1.024	0.0068	mg/L	1.024	0.0068	mg/L	0.67 %
Cu 324.754	221,510.3	0.5211	0.00468	mg/L	0.5211	0.00468	mg/L	0.90 %
Fe 273.955	1,065,514.7	21.31	0.026	mg/L	21.31	0.026	mg/L	0.12 %

Fe Radial	99,559.9	21.8	0.15	mg/L	21.8	0.15	mg/L	0.69 %
K 766.491R	236,679.5	59.7	0.16	mg/L	59.7	0.16	mg/L	0.26 %
Li 670.781R	70,222.8	0.545	0.0020	mg/L	0.545	0.0020	mg/L	0.37 %
Mg 279.079R	91,467.0	22.1	0.09	mg/L	22.1	0.09	mg/L	0.41 %
Mn 257.610	1,773,836.0	1.414	0.0021	mg/L	1.414	0.0021	mg/L	0.15 %
Mo 202.030	16,336.9	0.5093	0.00248	mg/L	0.5093	0.00248	mg/L	0.49 %
Na 589.592R	621,921.2	55.8	0.81	mg/L	55.8	0.81	mg/L	1.46 %
Ni 231.604	97,692.0	1.02	0.006	mg/L	1.02	0.006	mg/L	0.61 %
Pb 220.353	19,715.2	1.012	0.0042	mg/L	1.012	0.0042	mg/L	0.41 %
Sb 206.833	2,845.2	0.4966	0.00497	mg/L	0.4966	0.00497	mg/L	1.00 %
Se 196.026	4,346.2	1.070	0.0061	mg/L	1.070	0.0061	mg/L	0.57 %
Sn 189.933	12,375.2	1.074	0.0036	mg/L	1.074	0.0036	mg/L	0.33 %
Sr 421.539R	978,847.1	1.530	0.0300	mg/L	1.530	0.0300	mg/L	1.96 %
Ti 337.280	370,853.9	0.5081	0.00362	mg/L	0.5081	0.00362	mg/L	0.71 %
Tl 190.800	2,212.6	0.5108	0.00394	mg/L	0.5108	0.00394	mg/L	0.77 %
V 292.402	152,293.5	0.5216	0.00315	mg/L	0.5216	0.00315	mg/L	0.60 %
Zn 206.191	91,081.6	0.9997	0.00656	mg/L	0.9997	0.00656	mg/L	0.66 %

Mean Data

ID: b705885-01 **Seq. No.:** 18 **A/S Pos:** 28

Sample Qty: g **Prep. Vol.:** **Dilution:** **:** **Date:** 2007/07/11 13:40:05

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 324.228R	298,880.3	99.4	0.40	%			%	0.40 %
Y361.105A	1,731,790.2	102	0.2	%			%	0.20 %
Ag 338.289	86.1	0.0004	0.00029	mg/L	0.0004	0.00029	mg/L	65.43 %
Ag 328.068	-58.7	-0.0002	0.00021	mg/L	-0.0002	0.00021	mg/L	132.03 %

Al 308.215	203.4	0.061	0.0024	mg/L	0.061	0.0024	mg/L	3.92 %
As 188.979	-18.1	-0.0039	0.00327	mg/L	-0.0039	0.00327	mg/L	83.15 %
Ba 233.527	2,853.3	0.0111	0.00016	mg/L	0.0111	0.00016	mg/L	1.40 %
Be 313.107	571.2	0.0001	0.00002	mg/L	0.0001	0.00002	mg/L	20.91 %
B 208.959	1,493.0	0.0655	0.00245	mg/L	0.0655	0.00245	mg/L	3.74 %
Ca 317.933	39,987,129.2	128.8	0.14	mg/L	128.8	0.14	mg/L	0.11 %
Ca Radial	4,817,196.5	129.9	1.57	mg/L	129.9	1.57	mg/L	1.21 %
Cd 226.502	122.5	0.0001	0.00006	mg/L	0.0001	0.00006	mg/L	123.41 %
Co 228.616	68.3	0.0008	0.00006	mg/L	0.0008	0.00006	mg/L	7.37 %
Cr 267.716	91.3	0.0003	0.00018	mg/L	0.0003	0.00018	mg/L	68.80 %
Cu 324.754	624.0	0.0015	0.00024	mg/L	0.0015	0.00024	mg/L	16.41 %
Fe 273.955	290,893.2	5.820	0.0066	mg/L	5.820	0.0066	mg/L	0.11 %
Fe Radial	26,938.2	5.89	0.076	mg/L	5.89	0.076	mg/L	1.28 %
K 766.491R	24,125.1	6.08	0.072	mg/L	6.08	0.072	mg/L	1.18 %
Li 670.781R	93.5	0.001	0.0007	mg/L	0.001	0.0007	mg/L	97.17 %
Mg 279.079R	38,279.4	9.26	0.109	mg/L	9.26	0.109	mg/L	1.18 %
Mn 257.610	305,085.3	0.2431	0.00015	mg/L	0.2431	0.00015	mg/L	0.06 %
Mo 202.030	82.2	0.0026	0.00038	mg/L	0.0026	0.00038	mg/L	14.84 %
Na 589.592R	63,823.2	5.73	0.070	mg/L	5.73	0.070	mg/L	1.22 %
Ni 231.604	-4.7	0.000	0.0002	mg/L	0.000	0.0002	mg/L	443.46 %
Pb 220.353	27.7	0.0014	0.00065	mg/L	0.0014	0.00065	mg/L	45.50 %
Sb 206.833	8.1	0.0006	0.00240	mg/L	0.0006	0.00240	mg/L	402.24 %
Se 196.026	12.8	0.0054	0.00289	mg/L	0.0054	0.00289	mg/L	53.73 %

Sn 189.933	111.0	0.0096	0.00043	mg/L	0.0096	0.00043	mg/L	4.47 %
Sr 421.539R	367,057.5	0.5736	0.00652	mg/L	0.5736	0.00652	mg/L	1.14 %
Ti 337.280	398.5	0.0005	0.00011	mg/L	0.0005	0.00011	mg/L	19.22 %
Tl 190.800	-1.0	0.0030	0.00030	mg/L	0.0030	0.00030	mg/L	9.99 %
V 292.402	332.2	0.0005	0.00040	mg/L	0.0005	0.00040	mg/L	75.37 %
Zn 206.191	550.6	0.0060	0.00011	mg/L	0.0060	0.00011	mg/L	1.80 %

Mean Data

ID: b705885-02 **Seq. No.:** 19 **A/S Pos:** 29

Sample Qty: g **Prep. Vol.:** **Dilution:** **:** **Date:** 2007/07/11 13:46:59

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 324.228R	301,579.2	100	0.8	%			%	0.82 %
Y361.105A	1,739,946.4	102	0.2	%			%	0.21 %
Ag 338.289	13.5	0.0001	0.00019	mg/L	0.0001	0.00019	mg/L	289.26 %
Ag 328.068	-475.3	-0.0013	0.00059	mg/L	-0.0013	0.00059	mg/L	44.80 %
Al 308.215	1,747.9	0.522	0.0106	mg/L	0.522	0.0106	mg/L	2.03 %
As 188.979	-1.9	-0.0001	0.00260	mg/L	-0.0001	0.00260	mg/L	1,925.8 %
Ba 233.527	15,888.5	0.0616	0.00033	mg/L	0.0616	0.00033	mg/L	0.54 %
Be 313.107	1,013.5	0.0001	0.00002	mg/L	0.0001	0.00002	mg/L	12.77 %
B 208.959	1,711.1	0.0750	0.00088	mg/L	0.0750	0.00088	mg/L	1.17 %
Ca 317.933	16,100,412.6	51.86	0.501	mg/L	51.86	0.501	mg/L	0.97 %
Ca Radial	1,922,697.0	51.87	0.651	mg/L	51.87	0.651	mg/L	1.25 %
Cd 226.502	288.4	0.0000	0.00013	mg/L	0.0000	0.00013	mg/L	20,582. %
Co 228.616	71.3	0.0008	0.00018	mg/L	0.0008	0.00018	mg/L	23.00 %
Cr 267.716	422.9	0.0019	0.00007	mg/L	0.0019	0.00007	mg/L	3.84 %
Cu 324.754	-125.4	-0.0003	0.00032	mg/L	-0.0003	0.00032	mg/L	109.23 %

Fe 273.955	752,153.5	15.05	0.020	mg/L	15.05	0.020	mg/L	0.14 %
Fe Radial	69,202.2	15.1	0.15	mg/L	15.1	0.15	mg/L	1.01 %
K 766.491R	21,491.1	5.42	0.034	mg/L	5.42	0.034	mg/L	0.63 %
Li 670.781R	80.2	0.001	0.0008	mg/L	0.001	0.0008	mg/L	127.48 %
Mg 279.079R	47,862.3	11.6	0.11	mg/L	11.6	0.11	mg/L	0.97 %
Mn 257.610	492,565.7	0.3926	0.00061	mg/L	0.3926	0.00061	mg/L	0.15 %
Mo 202.030	40.7	0.0013	0.00051	mg/L	0.0013	0.00051	mg/L	40.48 %
Na 589.592R	161,278.1	14.5	0.18	mg/L	14.5	0.18	mg/L	1.24 %
Ni 231.604	10.0	0.000	0.0002	mg/L	0.000	0.0002	mg/L	167.02 %
Pb 220.353	13.9	0.0008	0.00041	mg/L	0.0008	0.00041	mg/L	49.89 %
Sb 206.833	-4.1	-0.0030	0.00024	mg/L	-0.0030	0.00024	mg/L	8.17 %
Se 196.026	-13.5	0.0029	0.00130	mg/L	0.0029	0.00130	mg/L	45.25 %
Sn 189.933	76.0	0.0066	0.00143	mg/L	0.0066	0.00143	mg/L	21.62 %
Sr 421.539R	183,256.8	0.2864	0.00286	mg/L	0.2864	0.00286	mg/L	1.00 %
Ti 337.280	3,611.9	0.0049	0.00029	mg/L	0.0049	0.00029	mg/L	5.93 %
Tl 190.800	-14.2	0.0025	0.00082	mg/L	0.0025	0.00082	mg/L	33.30 %
V 292.402	2,268.7	0.0061	0.00029	mg/L	0.0061	0.00029	mg/L	4.78 %
Zn 206.191	238.4	0.0026	0.00013	mg/L	0.0026	0.00013	mg/L	5.08 %

Mean Data

ID: b705885-03 **Seq. No.:** 20 **A/S Pos:** 30

Sample Qty: g **Prep. Vol.:** **Dilution:** **:** **Date:** 2007/07/11 13:53:38

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 324.228R	299,948.7	99.8	1.20	%			%	1.20 %
Y361.105A	1,742,891.3	102	0.6	%			%	0.57 %
Ag 338.289	111.9	0.0006	0.00026	mg/L	0.0006	0.00026	mg/L	45.11 %

Ag 328.068	43.9	0.0001	0.00028	mg/L	0.0001	0.00028	mg/L	212.48 %
Al 308.215	180.1	0.054	0.0051	mg/L	0.054	0.0051	mg/L	9.48 %
As 188.979	-1.9	-0.0003	0.00293	mg/L	-0.0003	0.00293	mg/L	968.41 %
Ba 233.527	3,474.0	0.0135	0.00018	mg/L	0.0135	0.00018	mg/L	1.34 %
Be 313.107	104.2	0.0000	0.00000	mg/L	0.0000	0.00000	mg/L	18.52 %
B 208.959	1,112.7	0.0488	0.00104	mg/L	0.0488	0.00104	mg/L	2.13 %
Ca 317.933	23,541,670.5	75.82	0.445	mg/L	75.82	0.445	mg/L	0.59 %
Ca Radial	2,834,820.1	76.47	1.043	mg/L	76.47	1.043	mg/L	1.36 %
Cd 226.502	64.5	0.0001	0.00005	mg/L	0.0001	0.00005	mg/L	62.58 %
Co 228.616	21.7	0.0002	0.00008	mg/L	0.0002	0.00008	mg/L	33.74 %
Cr 267.716	73.6	0.0000	0.00033	mg/L	0.0000	0.00033	mg/L	2,046.6 %
Cu 324.754	-94.4	-0.0002	0.00036	mg/L	-0.0002	0.00036	mg/L	164.42 %
Fe 273.955	126,797.5	2.537	0.0026	mg/L	2.537	0.0026	mg/L	0.10 %
Fe Radial	11,612.0	2.54	0.046	mg/L	2.54	0.046	mg/L	1.83 %
K 766.491R	21,454.4	5.41	0.065	mg/L	5.41	0.065	mg/L	1.19 %
Li 670.781R	367.6	0.003	0.0004	mg/L	0.003	0.0004	mg/L	14.31 %
Mg 279.079R	22,842.3	5.53	0.101	mg/L	5.53	0.101	mg/L	1.83 %
Mn 257.610	483,143.7	0.3850	0.00026	mg/L	0.3850	0.00026	mg/L	0.07 %
Mo 202.030	82.0	0.0026	0.00017	mg/L	0.0026	0.00017	mg/L	6.51 %
Na 589.592R	59,856.8	5.37	0.070	mg/L	5.37	0.070	mg/L	1.31 %
Ni 231.604	-15.5	0.000	0.0004	mg/L	0.000	0.0004	mg/L	231.72 %
Pb 220.353	-10.7	-0.0005	0.00084	mg/L	-0.0005	0.00084	mg/L	157.16 %
Sb 206.833	-9.6	-0.0021	0.00053	mg/L	-0.0021	0.00053	mg/L	24.83 %

Se 196.026	5.1	0.0020	0.00305	mg/L	0.0020	0.00305	mg/L	154.41 %
Sn 189.933	61.3	0.0053	0.00082	mg/L	0.0053	0.00082	mg/L	15.36 %
Sr 421.539R	221,796.9	0.3466	0.00270	mg/L	0.3466	0.00270	mg/L	0.78 %
Ti 337.280	859.3	0.0012	0.00010	mg/L	0.0012	0.00010	mg/L	8.33 %
Tl 190.800	-10.5	0.0021	0.00169	mg/L	0.0021	0.00169	mg/L	81.45 %
V 292.402	252.4	0.0006	0.00027	mg/L	0.0006	0.00027	mg/L	43.50 %
Zn 206.191	222.8	0.0024	0.00014	mg/L	0.0024	0.00014	mg/L	5.80 %

Mean Data

ID: b705885-04 **Seq. No.:** 21 **A/S Pos:** 31

Sample Qty: g **Prep. Vol.:** **Dilution:** **:** **Date:** 2007/07/11 14:00:51

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 324.228R	292,606.1	97.3	0.87	%			%	0.90 %
Y361.105A	1,696,516.8	99.5	0.38	%			%	0.38 %
Ag 338.289	153.3	0.0008	0.00029	mg/L	0.0008	0.00029	mg/L	37.57 %
Ag 328.068	-425.8	-0.0012	0.00050	mg/L	-0.0012	0.00050	mg/L	41.52 %
Al 308.215	213.3	0.064	0.0120	mg/L	0.064	0.0120	mg/L	18.77 %
As 188.979	-31.8	-0.0069	0.00166	mg/L	-0.0069	0.00166	mg/L	23.85 %
Ba 233.527	15,943.2	0.0618	0.00071	mg/L	0.0618	0.00071	mg/L	1.15 %
Be 313.107	-331.9	0.0000	0.00002	mg/L	0.0000	0.00002	mg/L	41.42 %
B 208.959	1,931.1	0.0847	0.00102	mg/L	0.0847	0.00102	mg/L	1.21 %
Ca 317.933				mg/L			mg/L	%
Ca Radial	11,497,147.2	310.1	3.35	mg/L	310.1	3.35	mg/L	1.08 %
Cd 226.502	407.4	0.0000	0.00006	mg/L	0.0000	0.00006	mg/L	18,003. %
Co 228.616	36.3	0.0004	0.00007	mg/L	0.0004	0.00007	mg/L	15.97 %
Cr 267.716	240.5	-0.0003	0.00015	mg/L	-0.0003	0.00015	mg/L	57.61 %

Cu 324.754	305.7	0.0007	0.00018	mg/L	0.0007	0.00018	mg/L	24.41 %
Fe 273.955	1,041,559.0	20.84	0.027	mg/L	20.84	0.027	mg/L	0.13 %
Fe Radial	97,874.4	21.4	0.38	mg/L	21.4	0.38	mg/L	1.77 %
K 766.491R	25,212.0	6.36	0.102	mg/L	6.36	0.102	mg/L	1.60 %
Li 670.781R	774.0	0.006	0.0003	mg/L	0.006	0.0003	mg/L	5.80 %
Mg 279.079R	58,352.4	14.1	0.24	mg/L	14.1	0.24	mg/L	1.73 %
Mn 257.610	1,963,097.3	1.565	0.0016	mg/L	1.565	0.0016	mg/L	0.10 %
Mo 202.030	74.1	0.0023	0.00017	mg/L	0.0023	0.00017	mg/L	7.42 %
Na 589.592R	181,039.5	16.2	0.07	mg/L	16.2	0.07	mg/L	0.41 %
Ni 231.604	-41.6	0.000	0.0006	mg/L	0.000	0.0006	mg/L	132.54 %
Pb 220.353	568.2	0.0291	0.00011	mg/L	0.0291	0.00011	mg/L	0.37 %
Sb 206.833	21.5	0.0008	0.00456	mg/L	0.0008	0.00456	mg/L	566.16 %
Se 196.026	-27.5	0.0013	0.00276	mg/L	0.0013	0.00276	mg/L	218.52 %
Sn 189.933	128.3	0.0111	0.00029	mg/L	0.0111	0.00029	mg/L	2.62 %
Sr 421.539R	769,430.6	1.202	0.0088	mg/L	1.202	0.0088	mg/L	0.73 %
Ti 337.280	860.1	0.0012	0.00012	mg/L	0.0012	0.00012	mg/L	9.88 %
Tl 190.800	-58.8	0.0055	0.00149	mg/L	0.0055	0.00149	mg/L	26.93 %
V 292.402	860.4	0.0007	0.00031	mg/L	0.0007	0.00031	mg/L	46.57 %
Zn 206.191	299.5	0.0033	0.00020	mg/L	0.0033	0.00020	mg/L	5.96 %

Mean Data

ID: b705885-05 **Seq. No.:** 22 **A/S Pos:** 32

Sample Qty: g **Prep. Vol.:** **Dilution:** **:** **Date:** 2007/07/11 14:07:28

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 324.228R	298,028.8	99.2	0.49	%			%	0.50 %
Y361.105A	1,716,425.1	101	0.8	%			%	0.82 %

Ag 338.289	-76.1	-0.0004	0.00077	mg/L	-0.0004	0.00077	mg/L	197.87 %
Ag 328.068	-181.6	-0.0005	0.00011	mg/L	-0.0005	0.00011	mg/L	21.87 %
Al 308.215	81.8	0.024	0.0055	mg/L	0.024	0.0055	mg/L	22.46 %
As 188.979	-4.0	-0.0008	0.00193	mg/L	-0.0008	0.00193	mg/L	248.13 %
Ba 233.527	7,119.6	0.0276	0.00028	mg/L	0.0276	0.00028	mg/L	1.02 %
Be 313.107	149.1	0.0000	0.00002	mg/L	0.0000	0.00002	mg/L	79.82 %
B 208.959	19,251.6	0.8440	0.01253	mg/L	0.8440	0.01253	mg/L	1.48 %
Ca 317.933	23,632,931.3	76.12	0.503	mg/L	76.12	0.503	mg/L	0.66 %
Ca Radial	2,818,493.9	76.03	1.095	mg/L	76.03	1.095	mg/L	1.44 %
Cd 226.502	117.2	0.0000	0.00011	mg/L	0.0000	0.00011	mg/L	310.09 %
Co 228.616	0.7	0.0000	0.00019	mg/L	0.0000	0.00019	mg/L	1,825.4 %
Cr 267.716	14.5	-0.0001	0.00007	mg/L	-0.0001	0.00007	mg/L	74.70 %
Cu 324.754	-194.2	-0.0005	0.00021	mg/L	-0.0005	0.00021	mg/L	46.10 %
Fe 273.955	323,009.6	6.463	0.0148	mg/L	6.463	0.0148	mg/L	0.23 %
Fe Radial	29,862.5	6.53	0.125	mg/L	6.53	0.125	mg/L	1.92 %
K 766.491R	17,776.1	4.48	0.069	mg/L	4.48	0.069	mg/L	1.53 %
Li 670.781R	492.2	0.004	0.0004	mg/L	0.004	0.0004	mg/L	10.98 %
Mg 279.079R	25,329.6	6.13	0.089	mg/L	6.13	0.089	mg/L	1.45 %
Mn 257.610	215,726.4	0.1719	0.00037	mg/L	0.1719	0.00037	mg/L	0.21 %
Mo 202.030	79.5	0.0025	0.00048	mg/L	0.0025	0.00048	mg/L	19.24 %
Na 589.592R	142,033.0	12.7	0.18	mg/L	12.7	0.18	mg/L	1.45 %
Ni 231.604	-34.6	0.000	0.0002	mg/L	0.000	0.0002	mg/L	66.97 %
Pb 220.353	3.5	0.0002	0.00037	mg/L	0.0002	0.00037	mg/L	194.68 %

Sb 206.833	13.1	0.0014	0.00086	mg/L	0.0014	0.00086	mg/L	60.41 %
Se 196.026	-10.1	0.0002	0.00145	mg/L	0.0002	0.00145	mg/L	833.16 %
Sn 189.933	66.5	0.0058	0.00081	mg/L	0.0058	0.00081	mg/L	14.00 %
Sr 421.539R	259,199.4	0.4051	0.00748	mg/L	0.4051	0.00748	mg/L	1.85 %
Ti 337.280	217.0	0.0003	0.00007	mg/L	0.0003	0.00007	mg/L	24.65 %
Tl 190.800	-9.7	0.0003	0.00089	mg/L	0.0003	0.00089	mg/L	283.89 %
V 292.402	343.9	0.0005	0.00043	mg/L	0.0005	0.00043	mg/L	83.93 %
Zn 206.191	161.1	0.0018	0.00013	mg/L	0.0018	0.00013	mg/L	7.45 %

Mean Data

ID: b705885-06 **Seq. No.:** 23 **A/S Pos:** 33

Sample Qty: g **Prep. Vol.:** **Dilution:** **:** **Date:** 2007/07/11 14:14:29

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 324.228R	288,998.7	96.1	0.99	%			%	1.03 %
Y361.105A	1,677,380.9	98.4	1.56	%			%	1.59 %
Ag 338.289	169.3	0.0010	0.00047	mg/L	0.0010	0.00047	mg/L	48.18 %
Ag 328.068	-154.7	-0.0004	0.00015	mg/L	-0.0004	0.00015	mg/L	35.82 %
Al 308.215	6,123.1	1.83	0.021	mg/L	1.83	0.021	mg/L	1.15 %
As 188.979	-21.7	-0.0047	0.00079	mg/L	-0.0047	0.00079	mg/L	16.80 %
Ba 233.527	16,481.6	0.0639	0.00034	mg/L	0.0639	0.00034	mg/L	0.53 %
Be 313.107	-184.8	0.0000	0.00005	mg/L	0.0000	0.00005	mg/L	155.63 %
B 208.959	943.5	0.0414	0.00045	mg/L	0.0414	0.00045	mg/L	1.09 %
Ca 317.933	61,892,623.7	199.3	2.36	mg/L	199.3	2.36	mg/L	1.18 %
Ca Radial	7,626,625.0	205.7	4.30	mg/L	205.7	4.30	mg/L	2.09 %
Cd 226.502	124.7	0.0000	0.00004	mg/L	0.0000	0.00004	mg/L	1,314.1 %
Co 228.616	6.4	0.0000	0.00012	mg/L	0.0000	0.00012	mg/L	281.79 %

Cr 267.716	467.2	0.0021	0.00011	mg/L	0.0021	0.00011	mg/L	5.46 %
Cu 324.754	290.0	0.0007	0.00032	mg/L	0.0007	0.00032	mg/L	46.32 %
Fe 273.955	317,667.5	6.356	0.0144	mg/L	6.356	0.0144	mg/L	0.23 %
Fe Radial	29,956.1	6.55	0.030	mg/L	6.55	0.030	mg/L	0.46 %
K 766.491R	19,157.2	4.83	0.025	mg/L	4.83	0.025	mg/L	0.51 %
Li 670.781R	359.2	0.003	0.0008	mg/L	0.003	0.0008	mg/L	29.14 %
Mg 279.079R	45,317.0	11.0	0.05	mg/L	11.0	0.05	mg/L	0.44 %
Mn 257.610	657,462.2	0.5240	0.00105	mg/L	0.5240	0.00105	mg/L	0.20 %
Mo 202.030	116.0	0.0036	0.00030	mg/L	0.0036	0.00030	mg/L	8.33 %
Na 589.592R	148,662.6	13.3	0.26	mg/L	13.3	0.26	mg/L	1.94 %
Ni 231.604	70.6	0.001	0.0005	mg/L	0.001	0.0005	mg/L	73.52 %
Pb 220.353	20.9	0.0014	0.00076	mg/L	0.0014	0.00076	mg/L	52.90 %
Sb 206.833	-1.6	-0.0015	0.00157	mg/L	-0.0015	0.00157	mg/L	104.63 %
Se 196.026	-1.0	0.0021	0.00314	mg/L	0.0021	0.00314	mg/L	151.66 %
Sn 189.933	96.0	0.0084	0.00057	mg/L	0.0084	0.00057	mg/L	6.78 %
Sr 421.539R	370,617.3	0.5792	0.00294	mg/L	0.5792	0.00294	mg/L	0.51 %
Ti 337.280	10,846.3	0.0149	0.00043	mg/L	0.0149	0.00043	mg/L	2.87 %
Tl 190.800	-16.9	0.0026	0.00361	mg/L	0.0026	0.00361	mg/L	138.29 %
V 292.402	1,124.1	0.0032	0.00026	mg/L	0.0032	0.00026	mg/L	8.18 %
Zn 206.191	606.7	0.0067	0.00016	mg/L	0.0067	0.00016	mg/L	2.47 %

Mean Data

ID: IBL1 **Seq. No.:** 25 **A/S Pos:** 1

2007/07/11 14:30:12 All analyte(s) passed QC.

Sample Qty: g **Prep. Vol.:** **Dilution:** **:** **Date:** 2007/07/11 14:28:17

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 324.228R	289,036.2	96.2	0.39	%				0.41 %

Y361.105A	1,680,759.9	98.6	0.60	%		0.61 %

Ag 338.289	-69.1	-0.0004	0.00114	mg/L	-0.0004	319.11 %

2007/07/11 14:30:11 QC value within limits for Ag 338.289 Recovery = Not calculated

Ag 328.068	36.7	0.0001	0.00033	mg/L	0.0001	316.77 %

2007/07/11 14:30:11 QC value within limits for Ag 328.068 Recovery = Not calculated

Al 308.215	15.9	0.005	0.0169	mg/L	0.005	358.06 %

2007/07/11 14:30:11 QC value within limits for Al 308.215 Recovery = Not calculated

As 188.979	-0.4	-0.0001	0.00272	mg/L	-0.0001	2,979.1 %

2007/07/11 14:30:11 QC value within limits for As 188.979 Recovery = Not calculated

Ba 233.527	8.2	0.0000	0.00008	mg/L	0.0000	253.05 %

2007/07/11 14:30:11 QC value within limits for Ba 233.527 Recovery = Not calculated

Be 313.107	-244.4	0.0000	0.00002	mg/L	0.0000	61.21 %

2007/07/11 14:30:11 QC value within limits for Be 313.107 Recovery = Not calculated

B 208.959	-82.5	-0.0036	0.00061	mg/L	-0.0036	16.97 %

2007/07/11 14:30:11 QC value within limits for B 208.959 Recovery = Not calculated

Ca 317.933	-4,428.1	-0.0143	0.00030	mg/L	-0.0143	2.07 %

2007/07/11 14:30:11 QC value within limits for Ca 317.933 Recovery = Not calculated

Ca Radial	-522.2	-0.0141	0.00215	mg/L	-0.0141	15.27 %

2007/07/11 14:30:11 QC value within limits for Ca Radial Recovery = Not calculated

Cd 226.502	-37.0	-0.0002	0.00002	mg/L	-0.0002	9.89 %

2007/07/11 14:30:11 QC value within limits for Cd 226.502 Recovery = Not calculated

Co 228.616	0.1	0.0000	0.00011	mg/L	0.0000	8,418.5 %

2007/07/11 14:30:11 QC value within limits for Co 228.616 Recovery = Not calculated

Cr 267.716	5.6	0.0000	0.00003	mg/L	0.0000	99.43 %

2007/07/11 14:30:11 QC value within limits for Cr 267.716 Recovery = Not calculated

Cu 324.754	-72.8	-0.0002	0.00033	mg/L	-0.0002	190.92 %

2007/07/11 14:30:11 QC value within limits for Cu 324.754 Recovery = Not calculated

Fe 273.955	-59.7	-0.0012	0.00066	mg/L	-0.0012	55.57 %

2007/07/11 14:30:11 QC value within limits for Fe 273.955 Recovery = Not calculated

Fe Radial	7.1	0.002	0.0099	mg/L	0.002	639.83 %

2007/07/11 14:30:11 QC value within limits for Fe Radial Recovery = Not calculated

K 766.491R	83.5	0.021	0.0081	mg/L	0.021	38.33 %

2007/07/11 14:30:11 QC value within limits for K 766.491R Recovery = Not calculated

Li 670.781R	92.0	0.001	0.0004	mg/L	0.001	57.78 %

2007/07/11 14:30:11 QC value within limits for Li 670.781R Recovery = Not calculated

Mg 279.079R	24.3	0.006	0.0099	mg/L	0.006	168.11 %

2007/07/11 14:30:11 QC value within limits for Mg 279.079R Recovery = Not calculated

Mn 257.610	-7.2	0.0000	0.00004	mg/L	0.0000	625.20 %

2007/07/11 14:30:11 QC value within limits for Mn 257.610 Recovery = Not calculated

Mo 202.030	-9.2	-0.0003	0.00017	mg/L	-0.0003	59.78 %

2007/07/11 14:30:11 QC value within limits for Mo 202.030 Recovery = Not calculated

Na 589.592R	233.4	0.021	0.0119	mg/L	0.021	56.99 %

2007/07/11 14:30:11 QC value within limits for Na 589.592R Recovery = Not calculated

Ni 231.604	10.5	0.000	0.0002	mg/L	0.000	174.31 %

2007/07/11 14:30:11 QC value within limits for Ni 231.604 Recovery = Not calculated

Pb 220.353	-11.0	-0.0006	0.00010	mg/L	-0.0006	18.61 %

2007/07/11 14:30:11 QC value within limits for Pb 220.353 Recovery = Not calculated

Sb 206.833	15.2	0.0028	0.00112	mg/L	0.0028	40.58 %

2007/07/11 14:30:11 QC value within limits for Sb 206.833 Recovery = Not calculated

Se 196.026	-3.4	-0.0008	0.00208	mg/L	-0.0008	252.08 %

2007/07/11 14:30:11 QC value within limits for Se 196.026 Recovery = Not calculated

Sn 189.933	9.5	0.0008	0.00065	mg/L	0.0008	78.74 %

2007/07/11 14:30:11 QC value within limits for Sn 189.933 Recovery = Not calculated

Sr 421.539R	-68.8	-0.0001	0.00008	mg/L	-0.0001	75.50 %

2007/07/11 14:30:11 QC value within limits for Sr 421.539R Recovery = Not calculated

Ti 337.280	-78.7	-0.0001	0.00010	mg/L	-0.0001	95.94 %

2007/07/11 14:30:11 QC value within limits for Ti 337.280 Recovery = Not calculated

Tl 190.800	-8.5	-0.0019	0.00143	mg/L	-0.0019	74.58 %

2007/07/11 14:30:11 QC value within limits for Tl 190.800 Recovery = Not calculated

V 292.402	-76.5	-0.0003	0.00031	mg/L	-0.0003	116.51 %

2007/07/11 14:30:11 QC value within limits for V 292.402 Recovery = Not calculated

Zn 206.191	-88.5	-0.0010	0.00006	mg/L	-0.0010	6.00 %

2007/07/11 14:30:11 QC value within limits for Zn 206.191 Recovery = Not calculated

Mean Data

ID: ICV1 **Seq. No.:** 26 **A/S Pos:** 3

2007/07/11 14:36:50 All analyte(s) passed QC.

Sample Qty: g **Prep. Vol.:** **Dilution:** **:** **Date:** 2007/07/11 14:34:48

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 324.228R	288,824.4	96.1	1.15	%				1.19 %
Y361.105A	1,684,291.3	98.8	0.86	%				0.87 %
Ag 338.289	97,686.7	0.4943	0.00062	mg/L	0.4943			0.12 %

2007/07/11 14:36:49 QC value within limits for Ag 338.289 Recovery = 98.86%

Ag 328.068	174,959.2	0.5085	0.00011	mg/L	0.5085	0.02 %

2007/07/11 14:36:49 QC value within limits for Ag 328.068 Recovery = 101.69%

Al 308.215	16,976.0	5.11	0.090	mg/L	5.11	1.76 %

2007/07/11 14:36:49 QC value within limits for Al 308.215 Recovery = 102.13%

As 188.979	2,209.4	0.5149	0.00346	mg/L	0.5149	0.67 %

2007/07/11 14:36:49 QC value within limits for As 188.979 Recovery = 102.97%

Ba 233.527	130,966.0	0.5080	0.00051	mg/L	0.5080	0.10 %

2007/07/11 14:36:49 QC value within limits for Ba 233.527 Recovery = 101.60%

Be 313.107	360,564.9	0.0506	0.00007	mg/L	0.0506	0.14 %

2007/07/11 14:36:49 QC value within limits for Be 313.107 Recovery = 101.16%

B 208.959	57,589.6	2.525	0.0100	mg/L	2.525	0.40 %

2007/07/11 14:36:49 QC value within limits for B 208.959 Recovery = 100.99%

Ca 317.933	1,568,845.3	5.053	0.0045	mg/L	5.053	0.09 %

2007/07/11 14:36:49 QC value within limits for Ca 317.933 Recovery = 101.06%

Ca Radial	185,389.3	5.001	0.1048	mg/L	5.001	2.10 %

2007/07/11 14:36:49 QC value within limits for Ca Radial Recovery = 100.02%

Cd 226.502	10,266.8	0.0504	0.00040	mg/L	0.0504	0.80 %

2007/07/11 14:36:49 QC value within limits for Cd 226.502 Recovery = 100.78%

Co 228.616	45,291.5	0.5098	0.00044	mg/L	0.5098	0.09 %

2007/07/11 14:36:49 QC value within limits for Co 228.616 Recovery = 101.96%

Cr 267.716	91,911.4	0.5079	0.00060	mg/L	0.5079	0.12 %

2007/07/11 14:36:49 QC value within limits for Cr 267.716 Recovery = 101.57%

Cu 324.754	213,224.1	0.5016	0.00035	mg/L	0.5016	0.07 %

2007/07/11 14:36:49 QC value within limits for Cu 324.754 Recovery = 100.31%

Fe 273.955	127,086.0	2.539	0.0020	mg/L	2.539	0.08 %

2007/07/11 14:36:49 QC value within limits for Fe 273.955 Recovery = 101.56%

Fe Radial	11,618.1	2.54	0.039	mg/L	2.54	1.54 %

2007/07/11 14:36:49 QC value within limits for Fe Radial Recovery = 101.62%

K 766.491R	101,154.1	25.5	0.48	mg/L	25.5	1.88 %

2007/07/11 14:36:49 QC value within limits for K 766.491R Recovery = 102.05%

Li 670.781R	66,464.6	0.516	0.0113	mg/L	0.516	2.19 %

2007/07/11 14:36:49 QC value within limits for Li 670.781R Recovery = 103.15%

Mg 279.079R	20,953.4	5.08	0.073	mg/L	5.08	1.45 %

2007/07/11 14:36:49 QC value within limits for Mg 279.079R Recovery = 101.56%

Mn 257.610	638,952.6	0.5092	0.00036	mg/L	0.5092	0.07 %

2007/07/11 14:36:49 QC value within limits for Mn 257.610 Recovery = 101.84%

Mo 202.030	16,273.5	0.5074	0.00376	mg/L	0.5074	0.74 %

2007/07/11 14:36:49 QC value within limits for Mo 202.030 Recovery = 101.47%

Na 589.592R	284,956.5	25.6	0.53	mg/L	25.6	2.06 %

2007/07/11 14:36:49 QC value within limits for Na 589.592R Recovery = 102.28%

Ni 231.604	49,026.8	0.511	0.0007	mg/L	0.511	0.14 %

2007/07/11 14:36:49 QC value within limits for Ni 231.604 Recovery = 102.29%

Pb 220.353	9,913.7	0.5093	0.00366	mg/L	0.5093	0.72 %

2007/07/11 14:36:49 QC value within limits for Pb 220.353 Recovery = 101.85%

Sb 206.833	2,779.2	0.4953	0.00706	mg/L	0.4953	1.42 %

2007/07/11 14:36:49 QC value within limits for Sb 206.833 Recovery = 99.07%

Se 196.026	2,075.6	0.5078	0.00438	mg/L	0.5078	0.86 %

2007/07/11 14:36:49 QC value within limits for Se 196.026 Recovery = 101.57%

Sn 189.933	5,717.6	0.4963	0.00350	mg/L	0.4963	0.70 %

2007/07/11 14:36:49 QC value within limits for Sn 189.933 Recovery = 99.25%

Sr 421.539R	318,127.9	0.4972	0.01127	mg/L	0.4972	2.27 %

2007/07/11 14:36:49 QC value within limits for Sr 421.539R Recovery = 99.44%

Ti 337.280	183,655.9	0.2517	0.00025	mg/L	0.2517	0.10 %

2007/07/11 14:36:49 QC value within limits for Ti 337.280 Recovery = 100.69%

Tl 190.800	2,243.1	0.5077	0.00385	mg/L	0.5077	0.76 %

2007/07/11 14:36:49 QC value within limits for Tl 190.800 Recovery = 101.53%

V 292.402	148,998.7	0.5128	0.00039	mg/L	0.5128	0.08 %

2007/07/11 14:36:49 QC value within limits for V 292.402 Recovery = 102.55%

Zn 206.191	46,606.4	0.5115	0.00057	mg/L	0.5115	0.11 %

2007/07/11 14:36:49 QC value within limits for Zn 206.191 Recovery = 102.30%

Mean Data

ID: b705885-07 **Seq. No.:** 27 **A/S Pos:** 34

Sample Qty: g **Prep. Vol.:** **Dilution:** **:** **Date:** 2007/07/11 14:41:37

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD

Y 324.228R	281,226.4	93.6	1.33	%			%	1.43	%
Y361.105A	1,650,369.2	96.8	0.86	%			%	0.89	%
Ag 338.289	219.0	0.0011	0.00052	mg/L	0.0011	0.00052	mg/L	46.74	%
Ag 328.068	3.1	0.0000	0.00014	mg/L	0.0000	0.00014	mg/L	981.97	%
Al 308.215	254.5	0.076	0.0138	mg/L	0.076	0.0138	mg/L	18.26	%
As 188.979	-19.8	-0.0042	0.00184	mg/L	-0.0042	0.00184	mg/L	44.05	%
Ba 233.527	6,249.1	0.0242	0.00018	mg/L	0.0242	0.00018	mg/L	0.72	%
Be 313.107	-650.4	-0.0001	0.00003	mg/L	-0.0001	0.00003	mg/L	33.02	%
B 208.959	756.3	0.0332	0.00091	mg/L	0.0332	0.00091	mg/L	2.75	%
Ca 317.933	64,151,492.1	206.6	0.56	mg/L	206.6	0.56	mg/L	0.27	%
Ca Radial	7,858,099.0	212.0	2.86	mg/L	212.0	2.86	mg/L	1.35	%
Cd 226.502	7.7	-0.0002	0.00006	mg/L	-0.0002	0.00006	mg/L	36.62	%
Co 228.616	7.4	0.0001	0.00033	mg/L	0.0001	0.00033	mg/L	381.46	%
Cr 267.716	211.8	-0.0002	0.00023	mg/L	-0.0002	0.00023	mg/L	131.18	%
Cu 324.754	8.0	0.0000	0.00038	mg/L	0.0000	0.00038	mg/L	2,008.3	%
Fe 273.955	103,374.7	2.068	0.0047	mg/L	2.068	0.0047	mg/L	0.23	%
Fe Radial	9,616.2	2.10	0.041	mg/L	2.10	0.041	mg/L	1.94	%
K 766.491R	39,631.2	10.00	0.113	mg/L	10.00	0.113	mg/L	1.13	%
Li 670.781R	171.1	0.001	0.0003	mg/L	0.001	0.0003	mg/L	19.51	%
Mg 279.079R	63,716.4	15.4	0.26	mg/L	15.4	0.26	mg/L	1.71	%
Mn 257.610	1,664,094.3	1.326	0.0010	mg/L	1.326	0.0010	mg/L	0.08	%
Mo 202.030	103.0	0.0032	0.00007	mg/L	0.0032	0.00007	mg/L	2.08	%
Na 589.592R	126,892.1	11.4	0.16	mg/L	11.4	0.16	mg/L	1.37	%

Ni 231.604	57.7	0.001	0.0002	mg/L	0.001	0.0002	mg/L	40.68 %
Pb 220.353	20.7	0.0011	0.00079	mg/L	0.0011	0.00079	mg/L	73.21 %
Sb 206.833	24.3	0.0041	0.00177	mg/L	0.0041	0.00177	mg/L	43.72 %
Se 196.026	17.0	0.0038	0.00178	mg/L	0.0038	0.00178	mg/L	46.74 %
Sn 189.933	125.9	0.0109	0.00029	mg/L	0.0109	0.00029	mg/L	2.62 %
Sr 421.539R	501,507.7	0.7838	0.01873	mg/L	0.7838	0.01873	mg/L	2.39 %
Ti 337.280	780.3	0.0011	0.00041	mg/L	0.0011	0.00041	mg/L	38.00 %
Tl 190.800	-48.8	0.0037	0.00149	mg/L	0.0037	0.00149	mg/L	40.64 %
V 292.402	178.0	0.0004	0.00044	mg/L	0.0004	0.00044	mg/L	103.64 %
Zn 206.191	112.6	0.0012	0.00006	mg/L	0.0012	0.00006	mg/L	5.22 %

Mean Data

ID: b705885-08 **Seq. No.:** 28 **A/S Pos:** 35

Sample Qty: g **Prep. Vol.:** **Dilution:** **:** **Date:** 2007/07/11 14:49:08

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 324.228R	287,822.2	95.8	1.13	%			%	1.18 %
Y361.105A	1,655,471.1	97.1	0.13	%			%	0.13 %
Ag 338.289	192.0	0.0010	0.00044	mg/L	0.0010	0.00044	mg/L	44.92 %
Ag 328.068	101.3	0.0003	0.00015	mg/L	0.0003	0.00015	mg/L	52.18 %
Al 308.215	210.0	0.063	0.0162	mg/L	0.063	0.0162	mg/L	25.95 %
As 188.979	-23.4	-0.0050	0.00140	mg/L	-0.0050	0.00140	mg/L	27.84 %
Ba 233.527	5,534.6	0.0215	0.00018	mg/L	0.0215	0.00018	mg/L	0.84 %
Be 313.107	-732.3	-0.0001	0.00002	mg/L	-0.0001	0.00002	mg/L	23.40 %
B 208.959	763.6	0.0335	0.00083	mg/L	0.0335	0.00083	mg/L	2.48 %
Ca 317.933	54,267,780.5	174.8	0.65	mg/L	174.8	0.65	mg/L	0.37 %
Ca Radial	6,535,668.1	176.3	2.15	mg/L	176.3	2.15	mg/L	1.22 %

Cd 226.502	11.9	0.0000	0.00010	mg/L	0.0000	0.00010	mg/L	213.23 %
Co 228.616	-12.1	-0.0001	0.00004	mg/L	-0.0001	0.00004	mg/L	33.01 %
Cr 267.716	95.7	-0.0003	0.00008	mg/L	-0.0003	0.00008	mg/L	27.08 %
Cu 324.754	138.3	0.0003	0.00012	mg/L	0.0003	0.00012	mg/L	35.82 %
Fe 273.955	55,146.2	1.103	0.0014	mg/L	1.103	0.0014	mg/L	0.12 %
Fe Radial	5,136.1	1.12	0.014	mg/L	1.12	0.014	mg/L	1.27 %
K 766.491R	39,606.5	9.99	0.085	mg/L	9.99	0.085	mg/L	0.86 %
Li 670.781R	185.4	0.001	0.0010	mg/L	0.001	0.0010	mg/L	66.36 %
Mg 279.079R	62,736.3	15.2	0.20	mg/L	15.2	0.20	mg/L	1.34 %
Mn 257.610	1,026,984.0	0.8185	0.00087	mg/L	0.8185	0.00087	mg/L	0.11 %
Mo 202.030	81.7	0.0025	0.00074	mg/L	0.0025	0.00074	mg/L	29.17 %
Na 589.592R	112,366.7	10.1	0.12	mg/L	10.1	0.12	mg/L	1.17 %
Ni 231.604	22.9	0.000	0.0001	mg/L	0.000	0.0001	mg/L	31.52 %
Pb 220.353	-4.3	-0.0002	0.00036	mg/L	-0.0002	0.00036	mg/L	173.79 %
Sb 206.833	23.3	0.0040	0.00360	mg/L	0.0040	0.00360	mg/L	89.22 %
Se 196.026	21.3	0.0048	0.00382	mg/L	0.0048	0.00382	mg/L	79.08 %
Sn 189.933	99.3	0.0086	0.00085	mg/L	0.0086	0.00085	mg/L	9.88 %
Sr 421.539R	460,395.4	0.7195	0.00478	mg/L	0.7195	0.00478	mg/L	0.66 %
Ti 337.280	300.2	0.0004	0.00019	mg/L	0.0004	0.00019	mg/L	45.50 %
Tl 190.800	-26.5	0.0032	0.00174	mg/L	0.0032	0.00174	mg/L	55.09 %
V 292.402	104.3	0.0003	0.00012	mg/L	0.0003	0.00012	mg/L	42.89 %
Zn 206.191	340.4	0.0037	0.00006	mg/L	0.0037	0.00006	mg/L	1.47 %

Mean Data

ID: b706062-01 **Seq. No.:** 29 **A/S Pos:** 36

Sample Qty: g **Prep. Vol.:** **Dilution:** **:** **Date:** 2007/07/11 14:56:38

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 324.228R	285,399.0	95.0	0.68	%			%	0.72 %
Y361.105A	1,680,148.7	98.5	0.54	%			%	0.54 %
Ag 338.289	82.7	0.0004	0.00075	mg/L	0.0004	0.00075	mg/L	181.54 %
Ag 328.068	-281.0	-0.0008	0.00029	mg/L	-0.0008	0.00029	mg/L	36.45 %
Al 308.215	304.9	0.091	0.0112	mg/L	0.091	0.0112	mg/L	12.30 %
As 188.979	-5.5	-0.0010	0.00290	mg/L	-0.0010	0.00290	mg/L	294.30 %
Ba 233.527	8,986.5	0.0349	0.00040	mg/L	0.0349	0.00040	mg/L	1.16 %
Be 313.107	-483.2	-0.0001	0.00001	mg/L	-0.0001	0.00001	mg/L	12.70 %
B 208.959	990.0	0.0434	0.00065	mg/L	0.0434	0.00065	mg/L	1.51 %
Ca 317.933	42,762,329.9	137.7	0.46	mg/L	137.7	0.46	mg/L	0.34 %
Ca Radial	5,147,891.2	138.9	1.84	mg/L	138.9	1.84	mg/L	1.33 %
Cd 226.502	205.1	-0.0001	0.00004	mg/L	-0.0001	0.00004	mg/L	73.42 %
Co 228.616	-0.5	0.0000	0.00033	mg/L	0.0000	0.00033	mg/L	5,070.7 %
Cr 267.716	270.2	0.0006	0.00016	mg/L	0.0006	0.00016	mg/L	27.58 %
Cu 324.754	-13.2	0.0000	0.00040	mg/L	0.0000	0.00040	mg/L	1,302.4 %
Fe 273.955	556,393.2	11.13	0.015	mg/L	11.13	0.015	mg/L	0.13 %
Fe Radial	51,716.1	11.3	0.23	mg/L	11.3	0.23	mg/L	2.05 %
K 766.491R	27,416.9	6.91	0.143	mg/L	6.91	0.143	mg/L	2.06 %
Li 670.781R	1,277.7	0.010	0.0004	mg/L	0.010	0.0004	mg/L	4.31 %
Mg 279.079R	48,545.9	11.7	0.24	mg/L	11.7	0.24	mg/L	2.04 %
Mn 257.610	1,125,393.8	0.8969	0.00109	mg/L	0.8969	0.00109	mg/L	0.12 %

Mo 202.030	85.7	0.0027	0.00037	mg/L	0.0027	0.00037	mg/L	13.77 %
Na 589.592R	32,945.4	2.96	0.042	mg/L	2.96	0.042	mg/L	1.42 %
Ni 231.604	-25.6	0.000	0.0002	mg/L	0.000	0.0002	mg/L	57.12 %
Pb 220.353	11.5	0.0006	0.00118	mg/L	0.0006	0.00118	mg/L	193.18 %
Sb 206.833	20.1	0.0020	0.00279	mg/L	0.0020	0.00279	mg/L	139.97 %
Se 196.026	-19.5	-0.0007	0.00206	mg/L	-0.0007	0.00206	mg/L	305.43 %
Sn 189.933	88.8	0.0077	0.00088	mg/L	0.0077	0.00088	mg/L	11.48 %
Sr 421.539R	308,544.4	0.4822	0.01160	mg/L	0.4822	0.01160	mg/L	2.41 %
Ti 337.280	1,390.9	0.0019	0.00127	mg/L	0.0019	0.00127	mg/L	66.84 %
Tl 190.800	-42.0	0.0013	0.00224	mg/L	0.0013	0.00224	mg/L	172.04 %
V 292.402	495.8	0.0005	0.00026	mg/L	0.0005	0.00026	mg/L	50.15 %
Zn 206.191	155.6	0.0017	0.00017	mg/L	0.0017	0.00017	mg/L	9.69 %

Mean Data

ID: b706062-02 **Seq. No.:** 30 **A/S Pos:** 37

Sample Qty: g **Prep. Vol.:** **Dilution:** **:** **Date:** 2007/07/11 15:03:33

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 324.228R	287,339.2	95.6	1.79	%			%	1.87 %
Y361.105A	1,675,409.2	98.3	0.82	%			%	0.83 %
Ag 338.289	-103.0	-0.0006	0.00025	mg/L	-0.0006	0.00025	mg/L	45.90 %
Ag 328.068	-192.0	-0.0005	0.00004	mg/L	-0.0005	0.00004	mg/L	8.33 %
Al 308.215	351.2	0.105	0.0116	mg/L	0.105	0.0116	mg/L	11.09 %
As 188.979	-9.4	-0.0020	0.00147	mg/L	-0.0020	0.00147	mg/L	73.77 %
Ba 233.527	7,018.2	0.0272	0.00028	mg/L	0.0272	0.00028	mg/L	1.01 %
Be 313.107	-226.5	0.0000	0.00002	mg/L	0.0000	0.00002	mg/L	72.07 %
B 208.959	4,491.2	0.1969	0.00243	mg/L	0.1969	0.00243	mg/L	1.23 %

Ca 317.933	15,313,569.2	49.32	0.634	mg/L	49.32	0.634	mg/L	1.29 %
Ca Radial	1,823,506.2	49.19	0.662	mg/L	49.19	0.662	mg/L	1.35 %
Cd 226.502	163.2	0.0000	0.00005	mg/L	0.0000	0.00005	mg/L	224.32 %
Co 228.616	1.5	0.0000	0.00013	mg/L	0.0000	0.00013	mg/L	719.56 %
Cr 267.716	240.4	0.0012	0.00012	mg/L	0.0012	0.00012	mg/L	10.38 %
Cu 324.754	432.0	0.0010	0.00034	mg/L	0.0010	0.00034	mg/L	33.91 %
Fe 273.955	411,469.6	8.232	0.0109	mg/L	8.232	0.0109	mg/L	0.13 %
Fe Radial	38,101.7	8.33	0.149	mg/L	8.33	0.149	mg/L	1.79 %
K 766.491R	9,483.7	2.39	0.054	mg/L	2.39	0.054	mg/L	2.24 %
Li 670.781R	578.0	0.004	0.0002	mg/L	0.004	0.0002	mg/L	5.33 %
Mg 279.079R	24,036.6	5.82	0.103	mg/L	5.82	0.103	mg/L	1.78 %
Mn 257.610	214,612.7	0.1710	0.00017	mg/L	0.1710	0.00017	mg/L	0.10 %
Mo 202.030	88.6	0.0028	0.00013	mg/L	0.0028	0.00013	mg/L	4.72 %
Na 589.592R	100,348.2	9.00	0.124	mg/L	9.00	0.124	mg/L	1.38 %
Ni 231.604	374.7	0.004	0.0002	mg/L	0.004	0.0002	mg/L	4.34 %
Pb 220.353	31.9	0.0017	0.00081	mg/L	0.0017	0.00081	mg/L	48.95 %
Sb 206.833	11.2	0.0008	0.00138	mg/L	0.0008	0.00138	mg/L	172.51 %
Se 196.026	-3.5	0.0026	0.00417	mg/L	0.0026	0.00417	mg/L	161.40 %
Sn 189.933	56.1	0.0049	0.00060	mg/L	0.0049	0.00060	mg/L	12.34 %
Sr 421.539R	208,053.4	0.3251	0.00794	mg/L	0.3251	0.00794	mg/L	2.44 %
Ti 337.280	757.7	0.0010	0.00011	mg/L	0.0010	0.00011	mg/L	10.80 %
Tl 190.800	-14.3	-0.0006	0.00150	mg/L	-0.0006	0.00150	mg/L	250.05 %
V 292.402	713.6	0.0016	0.00005	mg/L	0.0016	0.00005	mg/L	3.27 %

Zn 206.191	192.4	0.0021	0.00009	mg/L	0.0021	0.00009	mg/L	4.12 %

Mean Data

ID: b706062-03 **Seq. No.:** 31 **A/S Pos:** 38

Sample Qty: g **Prep. Vol.:** **Dilution:** **:** **Date:** 2007/07/11 15:10:15

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 324.228R	288,552.3	96.0	1.43	%			%	1.49 %
Y361.105A	1,688,543.7	99.0	0.40	%			%	0.40 %
Ag 338.289	62.5	0.0003	0.00075	mg/L	0.0003	0.00075	mg/L	231.14 %
Ag 328.068	-9.6	0.0000	0.00069	mg/L	0.0000	0.00069	mg/L	3,546.4 %
Al 308.215	209.2	0.062	0.0088	mg/L	0.062	0.0088	mg/L	14.15 %
As 188.979	-20.2	-0.0045	0.00174	mg/L	-0.0045	0.00174	mg/L	38.99 %
Ba 233.527	2,621.1	0.0102	0.00001	mg/L	0.0102	0.00001	mg/L	0.14 %
Be 313.107	-172.6	0.0000	0.00001	mg/L	0.0000	0.00001	mg/L	50.53 %
B 208.959	1,550.5	0.0680	0.00068	mg/L	0.0680	0.00068	mg/L	1.00 %
Ca 317.933	20,767,036.9	66.89	0.378	mg/L	66.89	0.378	mg/L	0.57 %
Ca Radial	2,488,423.9	67.13	0.930	mg/L	67.13	0.930	mg/L	1.39 %
Cd 226.502	-13.2	-0.0002	0.00002	mg/L	-0.0002	0.00002	mg/L	8.14 %
Co 228.616	-8.6	-0.0001	0.00020	mg/L	-0.0001	0.00020	mg/L	210.19 %
Cr 267.716	68.1	0.0000	0.00015	mg/L	0.0000	0.00015	mg/L	2,038.4 %
Cu 324.754	-102.0	-0.0002	0.00019	mg/L	-0.0002	0.00019	mg/L	80.23 %
Fe 273.955	68,201.6	1.365	0.0039	mg/L	1.365	0.0039	mg/L	0.29 %
Fe Radial	6,220.0	1.36	0.043	mg/L	1.36	0.043	mg/L	3.18 %
K 766.491R	14,157.7	3.57	0.088	mg/L	3.57	0.088	mg/L	2.46 %
Li 670.781R	308.0	0.002	0.0006	mg/L	0.002	0.0006	mg/L	24.55 %
Mg 279.079R	27,398.6	6.63	0.158	mg/L	6.63	0.158	mg/L	2.38 %

Mn 257.610	455,803.0	0.3633	0.00055	mg/L	0.3633	0.00055	mg/L	0.15 %
Mo 202.030	57.6	0.0018	0.00044	mg/L	0.0018	0.00044	mg/L	24.32 %
Na 589.592R	55,475.1	4.98	0.074	mg/L	4.98	0.074	mg/L	1.49 %
Ni 231.604	-18.6	0.000	0.0002	mg/L	0.000	0.0002	mg/L	121.02 %
Pb 220.353	11.2	0.0006	0.00083	mg/L	0.0006	0.00083	mg/L	141.28 %
Sb 206.833	11.5	0.0019	0.00006	mg/L	0.0019	0.00006	mg/L	3.44 %
Se 196.026	-7.5	-0.0016	0.00252	mg/L	-0.0016	0.00252	mg/L	155.53 %
Sn 189.933	64.3	0.0056	0.00094	mg/L	0.0056	0.00094	mg/L	16.89 %
Sr 421.539R	224,507.2	0.3509	0.00592	mg/L	0.3509	0.00592	mg/L	1.69 %
Ti 337.280	677.3	0.0009	0.00027	mg/L	0.0009	0.00027	mg/L	29.27 %
Tl 190.800	-29.8	-0.0026	0.00143	mg/L	-0.0026	0.00143	mg/L	55.37 %
V 292.402	300.6	0.0009	0.00008	mg/L	0.0009	0.00008	mg/L	8.53 %
Zn 206.191	199.2	0.0022	0.00012	mg/L	0.0022	0.00012	mg/L	5.64 %

Mean Data

ID: b706062-04 **Seq. No.:** 32 **A/S Pos:** 39

Sample Qty: g **Prep. Vol.:** **Dilution:** **:** **Date:** 2007/07/11 15:17:14

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 324.228R	288,045.0	95.8	1.04	%			%	1.09 %
Y361.105A	1,693,441.5	99.3	1.19	%			%	1.20 %
Ag 338.289	33.8	0.0002	0.00042	mg/L	0.0002	0.00042	mg/L	236.47 %
Ag 328.068	-33.7	-0.0001	0.00020	mg/L	-0.0001	0.00020	mg/L	216.03 %
Al 308.215	262.5	0.078	0.0047	mg/L	0.078	0.0047	mg/L	6.06 %
As 188.979	-15.7	-0.0034	0.00033	mg/L	-0.0034	0.00033	mg/L	9.44 %
Ba 233.527	2,706.4	0.0105	0.00011	mg/L	0.0105	0.00011	mg/L	1.06 %
Be 313.107	-33.3	0.0000	0.00003	mg/L	0.0000	0.00003	mg/L	610.61 %

B 208.959	1,495.9	0.0656	0.00137	mg/L	0.0656	0.00137	mg/L	2.09 %
Ca 317.933	20,626,627.8	66.44	0.932	mg/L	66.44	0.932	mg/L	1.40 %
Ca Radial	2,477,440.5	66.83	0.978	mg/L	66.83	0.978	mg/L	1.46 %
Cd 226.502	1.0	-0.0001	0.00001	mg/L	-0.0001	0.00001	mg/L	7.82 %
Co 228.616	2.1	0.0000	0.00012	mg/L	0.0000	0.00012	mg/L	491.27 %
Cr 267.716	60.3	0.0000	0.00009	mg/L	0.0000	0.00009	mg/L	262.46 %
Cu 324.754	-117.7	-0.0003	0.00047	mg/L	-0.0003	0.00047	mg/L	170.08 %
Fe 273.955	67,563.4	1.352	0.0017	mg/L	1.352	0.0017	mg/L	0.12 %
Fe Radial	6,252.0	1.37	0.027	mg/L	1.37	0.027	mg/L	1.98 %
K 766.491R	14,350.8	3.62	0.071	mg/L	3.62	0.071	mg/L	1.98 %
Li 670.781R	330.3	0.003	0.0004	mg/L	0.003	0.0004	mg/L	17.09 %
Mg 279.079R	27,602.7	6.68	0.117	mg/L	6.68	0.117	mg/L	1.76 %
Mn 257.610	455,558.3	0.3631	0.00023	mg/L	0.3631	0.00023	mg/L	0.06 %
Mo 202.030	60.7	0.0019	0.00020	mg/L	0.0019	0.00020	mg/L	10.54 %
Na 589.592R	55,228.7	4.96	0.081	mg/L	4.96	0.081	mg/L	1.64 %
Ni 231.604	-24.1	0.000	0.0001	mg/L	0.000	0.0001	mg/L	34.94 %
Pb 220.353	-25.5	-0.0013	0.00067	mg/L	-0.0013	0.00067	mg/L	51.98 %
Sb 206.833	5.6	0.0008	0.00119	mg/L	0.0008	0.00119	mg/L	151.26 %
Se 196.026	-16.3	-0.0038	0.00189	mg/L	-0.0038	0.00189	mg/L	50.28 %
Sn 189.933	74.0	0.0064	0.00044	mg/L	0.0064	0.00044	mg/L	6.91 %
Sr 421.539R	221,572.2	0.3463	0.00946	mg/L	0.3463	0.00946	mg/L	2.73 %
Ti 337.280	591.0	0.0008	0.00010	mg/L	0.0008	0.00010	mg/L	12.85 %
Tl 190.800	-20.1	-0.0004	0.00157	mg/L	-0.0004	0.00157	mg/L	393.98 %

V 292.402	181.9	0.0005	0.00011	mg/L	0.0005	0.00011	mg/L	21.66 %
Zn 206.191	113.9	0.0012	0.00008	mg/L	0.0012	0.00008	mg/L	6.22 %

Mean Data

ID: b706062-05 **Seq. No.:** 33 **A/S Pos:** 40

Sample Qty: g **Prep. Vol.:** **Dilution:** **:** **Date:** 2007/07/11 15:24:11

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 324.228R	290,116.1	96.5	1.01	%			%	1.04 %
Y361.105A	1,706,069.8	100	0.3	%			%	0.34 %
Ag 338.289	18.5	0.0001	0.00079	mg/L	0.0001	0.00079	mg/L	703.55 %
Ag 328.068	-51.6	-0.0001	0.00013	mg/L	-0.0001	0.00013	mg/L	91.24 %
Al 308.215	182.1	0.054	0.0079	mg/L	0.054	0.0079	mg/L	14.56 %
As 188.979	-7.1	-0.0015	0.00112	mg/L	-0.0015	0.00112	mg/L	75.09 %
Ba 233.527	3,808.6	0.0148	0.00004	mg/L	0.0148	0.00004	mg/L	0.24 %
Be 313.107	128.2	0.0000	0.00001	mg/L	0.0000	0.00001	mg/L	34.46 %
B 208.959	834.0	0.0366	0.00038	mg/L	0.0366	0.00038	mg/L	1.04 %
Ca 317.933	17,268,389.2	55.62	0.103	mg/L	55.62	0.103	mg/L	0.18 %
Ca Radial	2,070,100.1	55.84	0.713	mg/L	55.84	0.713	mg/L	1.28 %
Cd 226.502	19.5	0.0001	0.00016	mg/L	0.0001	0.00016	mg/L	306.19 %
Co 228.616	-7.0	-0.0001	0.00008	mg/L	-0.0001	0.00008	mg/L	99.05 %
Cr 267.716	-45.2	-0.0003	0.00016	mg/L	-0.0003	0.00016	mg/L	53.81 %
Cu 324.754	-16.8	0.0000	0.00028	mg/L	0.0000	0.00028	mg/L	705.84 %
Fe 273.955	22,147.0	0.4431	0.00114	mg/L	0.4431	0.00114	mg/L	0.26 %
Fe Radial	2,069.1	0.452	0.0072	mg/L	0.452	0.0072	mg/L	1.59 %
K 766.491R	8,344.4	2.10	0.008	mg/L	2.10	0.008	mg/L	0.38 %
Li 670.781R	415.0	0.003	0.0010	mg/L	0.003	0.0010	mg/L	29.93 %

Mg 279.079R	26,073.1	6.31	0.060	mg/L	6.31	0.060	mg/L	0.94 %
Mn 257.610	49,630.1	0.0396	0.00002	mg/L	0.0396	0.00002	mg/L	0.06 %
Mo 202.030	116.5	0.0036	0.00028	mg/L	0.0036	0.00028	mg/L	7.80 %
Na 589.592R	98,884.5	8.87	0.114	mg/L	8.87	0.114	mg/L	1.29 %
Ni 231.604	-4.5	0.000	0.0001	mg/L	0.000	0.0001	mg/L	131.98 %
Pb 220.353	7.7	0.0004	0.00111	mg/L	0.0004	0.00111	mg/L	270.40 %
Sb 206.833	3.8	0.0006	0.00171	mg/L	0.0006	0.00171	mg/L	288.59 %
Se 196.026	3.8	0.0010	0.00206	mg/L	0.0010	0.00206	mg/L	206.41 %
Sn 189.933	50.3	0.0044	0.00059	mg/L	0.0044	0.00059	mg/L	13.55 %
Sr 421.539R	354,001.1	0.5532	0.00599	mg/L	0.5532	0.00599	mg/L	1.08 %
Ti 337.280	556.6	0.0008	0.00052	mg/L	0.0008	0.00052	mg/L	67.77 %
Tl 190.800	-5.0	-0.0005	0.00294	mg/L	-0.0005	0.00294	mg/L	536.12 %
V 292.402	166.2	0.0006	0.00019	mg/L	0.0006	0.00019	mg/L	32.75 %
Zn 206.191	152.4	0.0017	0.00004	mg/L	0.0017	0.00004	mg/L	2.65 %

Mean Data

ID: IBL1 **Seq. No.:** 38 **A/S Pos:** 1

2007/07/11 15:58:02 All analyte(s) passed QC.

Sample Qty: g **Prep. Vol.:** **Dilution:** **:** **Date:** 2007/07/11 15:55:56

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 324.228R	291,337.5	96.9	0.91	%				0.94 %
Y361.105A	1,696,798.1	99.5	0.35	%				0.36 %
Ag 338.289	-58.7	-0.0003	0.00040	mg/L	-0.0003			132.12 %
2007/07/11 15:58:01 QC value within limits for Ag 338.289 Recovery = Not calculated								
Ag 328.068	-78.7	-0.0002	0.00010	mg/L	-0.0002			45.88 %
2007/07/11 15:58:01 QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 308.215	1.7	0.000	0.0080	mg/L	0.000			1,629.6 %
2007/07/11 15:58:01 QC value within limits for Al 308.215 Recovery = Not calculated								
As 188.979	-4.4	-0.0010	0.00069	mg/L	-0.0010			68.49 %
2007/07/11 15:58:01 QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527	-10.0	0.0000	0.00005	mg/L	0.0000			140.39 %
2007/07/11 15:58:01 QC value within limits for Ba 233.527 Recovery = Not calculated								

Be 313.107	414.7	0.0001	0.00004	mg/L	0.0001	64.05 %

2007/07/11 15:58:01 QC value within limits for Be 313.107 Recovery = Not calculated

B 208.959	-168.3	-0.0074	0.00044	mg/L	-0.0074	5.91 %

2007/07/11 15:58:01 QC value within limits for B 208.959 Recovery = Not calculated

Ca 317.933	-5,478.3	-0.0176	0.00153	mg/L	-0.0176	8.69 %

2007/07/11 15:58:01 QC value within limits for Ca 317.933 Recovery = Not calculated

Ca Radial	-669.2	-0.0181	0.00195	mg/L	-0.0181	10.82 %

2007/07/11 15:58:01 QC value within limits for Ca Radial Recovery = Not calculated

Cd 226.502	-33.5	-0.0002	0.00005	mg/L	-0.0002	31.81 %

2007/07/11 15:58:01 QC value within limits for Cd 226.502 Recovery = Not calculated

Co 228.616	-29.1	-0.0003	0.00014	mg/L	-0.0003	43.31 %

2007/07/11 15:58:01 QC value within limits for Co 228.616 Recovery = Not calculated

Cr 267.716	-33.0	-0.0002	0.00030	mg/L	-0.0002	163.89 %

2007/07/11 15:58:01 QC value within limits for Cr 267.716 Recovery = Not calculated

Cu 324.754	-117.1	-0.0003	0.00037	mg/L	-0.0003	133.16 %

2007/07/11 15:58:01 QC value within limits for Cu 324.754 Recovery = Not calculated

Fe 273.955	-130.9	-0.0026	0.00065	mg/L	-0.0026	24.75 %

2007/07/11 15:58:01 QC value within limits for Fe 273.955 Recovery = Not calculated

Fe Radial	-20.4	-0.004	0.0080	mg/L	-0.004	179.41 %

2007/07/11 15:58:01 QC value within limits for Fe Radial Recovery = Not calculated

K 766.491R	66.6	0.017	0.0181	mg/L	0.017	107.69 %

2007/07/11 15:58:01 QC value within limits for K 766.491R Recovery = Not calculated

Li 670.781R	95.9	0.001	0.0004	mg/L	0.001	60.42 %

2007/07/11 15:58:01 QC value within limits for Li 670.781R Recovery = Not calculated

Mg 279.079R	0.6	0.000	0.0078	mg/L	0.000	5,385.7 %

2007/07/11 15:58:01 QC value within limits for Mg 279.079R Recovery = Not calculated

Mn 257.610	-43.2	0.0000	0.00001	mg/L	0.0000	34.96 %

2007/07/11 15:58:01 QC value within limits for Mn 257.610 Recovery = Not calculated

Mo 202.030	3.6	0.0001	0.00003	mg/L	0.0001	28.40 %

2007/07/11 15:58:01 QC value within limits for Mo 202.030 Recovery = Not calculated

Na 589.592R	213.0	0.019	0.0030	mg/L	0.019	15.61 %

2007/07/11 15:58:01 QC value within limits for Na 589.592R Recovery = Not calculated

Ni 231.604	44.2	0.000	0.0001	mg/L	0.000	30.69 %

2007/07/11 15:58:01 QC value within limits for Ni 231.604 Recovery = Not calculated

Pb 220.353	-3.8	-0.0002	0.00047	mg/L	-0.0002	240.12 %

2007/07/11 15:58:01 QC value within limits for Pb 220.353 Recovery = Not calculated

Sb 206.833	7.5	0.0014	0.00284	mg/L	0.0014	208.32 %

2007/07/11 15:58:01 QC value within limits for Sb 206.833 Recovery = Not calculated

Se 196.026	-6.9	-0.0017	0.00085	mg/L	-0.0017	50.41 %

2007/07/11 15:58:01 QC value within limits for Se 196.026 Recovery = Not calculated

Sn 189.933	7.8	0.0007	0.00085	mg/L	0.0007	126.33 %

2007/07/11 15:58:01 QC value within limits for Sn 189.933 Recovery = Not calculated

Sr 421.539R	-9.5	0.0000	0.00004	mg/L	0.0000	260.72 %

2007/07/11 15:58:01 QC value within limits for Sr 421.539R Recovery = Not calculated

Ti 337.280	-181.3	-0.0002	0.00016	mg/L	-0.0002	66.03 %

2007/07/11 15:58:01 QC value within limits for Ti 337.280 Recovery = Not calculated

Tl 190.800	-8.5	-0.0019	0.00148	mg/L	-0.0019	77.30 %

2007/07/11 15:58:01 QC value within limits for Tl 190.800 Recovery = Not calculated

V 292.402	-26.5	-0.0001	0.00002	mg/L	-0.0001	19.42 %

2007/07/11 15:58:01 QC value within limits for V 292.402 Recovery = Not calculated

Zn 206.191	-106.8	-0.0012	0.00011	mg/L	-0.0012	9.20 %

2007/07/11 15:58:01 QC value within limits for Zn 206.191 Recovery = Not calculated

Mean Data

ID: ICV1 **Seq. No.:** 39 **A/S Pos:** 3

2007/07/11 16:04:40 All analyte(s) passed QC.

Sample Qty: g **Prep. Vol.:** **Dilution:** : **Date:** 2007/07/11 16:02:38

Analyte	Corr. Intensity	Conc (Calib)	Std. Dev.	Calib Units	Conc (Sample)	Std. Dev.	Sample Units	RSD
Y 324.228R	292,633.1	97.4	1.50	%				1.54 %
Y361.105A	1,697,873.7	99.6	0.93	%				0.93 %
Ag 338.289	97,337.2	0.4925	0.00055	mg/L	0.4925			0.11 %

2007/07/11 16:04:39 QC value within limits for Ag 338.289 Recovery = 98.51%

Ag 328.068	174,837.3	0.5081	0.00037	mg/L	0.5081			0.07 %

2007/07/11 16:04:39 QC value within limits for Ag 328.068 Recovery = 101.62%

Al 308.215	17,036.6	5.12	0.168	mg/L	5.12			3.28 %

2007/07/11 16:04:39 QC value within limits for Al 308.215 Recovery = 102.49%

As 188.979	2,212.3	0.5155	0.00585	mg/L	0.5155			1.13 %

2007/07/11 16:04:39 QC value within limits for As 188.979 Recovery = 103.10%

Ba 233.527	130,933.9	0.5079	0.00037	mg/L	0.5079			0.07 %

2007/07/11 16:04:39 QC value within limits for Ba 233.527 Recovery = 101.57%

Be 313.107	359,846.9	0.0505	0.00005	mg/L	0.0505			0.09 %

2007/07/11 16:04:39 QC value within limits for Be 313.107 Recovery = 100.95%

B 208.959	57,428.0	2.518	0.0130	mg/L	2.518			0.52 %

2007/07/11 16:04:39 QC value within limits for B 208.959 Recovery = 100.71%

Ca 317.933	1,564,432.9	5.039	0.0083	mg/L	5.039			0.16 %

2007/07/11 16:04:39 QC value within limits for Ca 317.933 Recovery = 100.78%

Ca Radial	184,548.5	4.978	0.1189	mg/L	4.978			2.39 %

2007/07/11 16:04:39 QC value within limits for Ca Radial Recovery = 99.57%

Cd 226.502	10,323.5	0.0507	0.00052	mg/L	0.0507			1.02 %

2007/07/11 16:04:39 QC value within limits for Cd 226.502 Recovery = 101.33%

Co 228.616	45,284.8	0.5097	0.00092	mg/L	0.5097			0.18 %

2007/07/11 16:04:39 QC value within limits for Co 228.616 Recovery = 101.94%

Cr 267.716	91,560.7	0.5059	0.00052	mg/L	0.5059			0.10 %

2007/07/11 16:04:39 QC value within limits for Cr 267.716 Recovery = 101.18%

Cu 324.754	213,108.3	0.5013	0.00003	mg/L	0.5013			0.01 %

2007/07/11 16:04:39 QC value within limits for Cu 324.754 Recovery = 100.26%

Fe 273.955	126,781.6	2.533	0.0036	mg/L	2.533			0.14 %

2007/07/11 16:04:39 QC value within limits for Fe 273.955 Recovery = 101.32%

Fe Radial	11,662.9	2.55	0.081	mg/L	2.55			3.16 %

2007/07/11 16:04:39 QC value within limits for Fe Radial Recovery = 102.01%

K 766.491R	100,761.2	25.4	0.58	mg/L	25.4			2.27 %

2007/07/11 16:04:39 QC value within limits for K 766.491R Recovery = 101.65%

Li 670.781R	66,372.0	0.515	0.0125	mg/L	0.515	2.42 %

2007/07/11 16:04:39 QC value within limits for Li 670.781R Recovery = 103.00%

Mg 279.079R	20,902.3	5.07	0.157	mg/L	5.07	3.10 %

2007/07/11 16:04:39 QC value within limits for Mg 279.079R Recovery = 101.32%

Mn 257.610	637,596.7	0.5081	0.00050	mg/L	0.5081	0.10 %

2007/07/11 16:04:39 QC value within limits for Mn 257.610 Recovery = 101.63%

Mo 202.030	16,282.1	0.5076	0.00496	mg/L	0.5076	0.98 %

2007/07/11 16:04:39 QC value within limits for Mo 202.030 Recovery = 101.53%

Na 589.592R	285,499.4	25.6	0.60	mg/L	25.6	2.33 %

2007/07/11 16:04:39 QC value within limits for Na 589.592R Recovery = 102.48%

Ni 231.604	48,987.7	0.511	0.0016	mg/L	0.511	0.32 %

2007/07/11 16:04:39 QC value within limits for Ni 231.604 Recovery = 102.21%

Pb 220.353	9,903.7	0.5087	0.00515	mg/L	0.5087	1.01 %

2007/07/11 16:04:39 QC value within limits for Pb 220.353 Recovery = 101.75%

Sb 206.833	2,791.3	0.4976	0.00685	mg/L	0.4976	1.38 %

2007/07/11 16:04:39 QC value within limits for Sb 206.833 Recovery = 99.52%

Se 196.026	2,078.3	0.5085	0.00436	mg/L	0.5085	0.86 %

2007/07/11 16:04:39 QC value within limits for Se 196.026 Recovery = 101.70%

Sn 189.933	5,738.3	0.4980	0.00341	mg/L	0.4980	0.68 %

2007/07/11 16:04:39 QC value within limits for Sn 189.933 Recovery = 99.61%

Sr 421.539R	321,435.1	0.5023	0.00675	mg/L	0.5023	1.34 %

2007/07/11 16:04:39 QC value within limits for Sr 421.539R Recovery = 100.47%

Ti 337.280	182,894.1	0.2507	0.00058	mg/L	0.2507	0.23 %

2007/07/11 16:04:39 QC value within limits for Ti 337.280 Recovery = 100.27%

Tl 190.800	2,249.5	0.5091	0.00727	mg/L	0.5091	1.43 %

2007/07/11 16:04:39 QC value within limits for Tl 190.800 Recovery = 101.81%

V 292.402	149,228.9	0.5135	0.00038	mg/L	0.5135	0.07 %

2007/07/11 16:04:39 QC value within limits for V 292.402 Recovery = 102.71%

Zn 206.191	46,332.5	0.5085	0.00137	mg/L	0.5085	0.27 %

2007/07/11 16:04:39 QC value within limits for Zn 206.191 Recovery = 101.70%

PREP LOGS

Prepared: 09-Jul-07 09:08 | 7G09007 | Printed: 7/9/2007 9:10:43AM

ENCO Jacksonville

Matrix: Water

Prepared using: METALS - EPA 3005A

Sample ID	Sample ID , Source Sample and Location	AMT DIGESTED mL g L	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
7G09007-BLK1	Blank	50	50		0 | 0	
7G09007-BS1	LCS	50	50		500 | 500	
7G09007-MS1	Matrix Spike [B706062-01]				500 | 500	
7G09007-MSD1	Matrix Spike Dup [B706062-01]				500 | 500	
B705885-01	JAX25-MW13-20070705 E[E21]			12-Jul-07	Tetra Tech NUS (BR006)	
B705885-02	JAX25-MW04-20070705 E[E21]			12-Jul-07	Tetra Tech NUS (BR006)	
B705885-03	JAX25-MW12-20070705 E[E21]			12-Jul-07	Tetra Tech NUS (BR006)	
B705885-04	JAX25-MW03-20070705 E[E21]			12-Jul-07	Tetra Tech NUS (BR006)	
B705885-05	JAX25-MW07-20070705 E[E21]			12-Jul-07	Tetra Tech NUS (BR006)	
B705885-06	JAX25-MW01-20070705 E[E21]			12-Jul-07	Tetra Tech NUS (BR006)	
B705885-07	JAX25-MW02-20070705 E[E21]			12-Jul-07	Tetra Tech NUS (BR006)	
B705885-08	JAX25-MW11-20070705 E[E21]			12-Jul-07	Tetra Tech NUS (BR006)	
B706062-01	JAX25-MW14-20070706 V[E22]			13-Jul-07	Tetra Tech NUS (BR006)	Use this sample as the MS/MSD
B706062-02	JAX25-MW15-20070706 I[E22]			13-Jul-07	Tetra Tech NUS (BR006)	
B706062-03	JAX25-MW09-20070706 I[E22]			13-Jul-07	Tetra Tech NUS (BR006)	
B706062-04	JAX25-DUP-20070706 I[E22]			13-Jul-07	Tetra Tech NUS (BR006)	
B706062-05	JAX25-MW05-20070706 I[E22]			13-Jul-07	Tetra Tech NUS (BR006)	

Standard(s):
B7C0234 ICP Spike A / QCS-1 500 uL

Standard ID#	Description	Manufacture Lot#

B7C0235 ICP Spike B / QCS-1 500 uL

7-9-07

Prepared By Date Preparation Reviewed By Date

ENCO Jacksonville

SDG: BR006-024

CLASS: SVOA

METHOD: EPA 8011

ANALYSES DATA PACKAGE COVER PAGE

EPA 8011

Laboratory: ENCO Jacksonville

SDG: BR006-024

Client: Tetra Tech NUS (BR006)

Project: Naval Air Station CTO 252

Client Sample Id:	Lab Sample Id:
JAX25-MW13-20070705	B705885-01
JAX25-MW04-20070705	B705885-02RE1
JAX25-MW12-20070705	B705885-03
JAX25-MW03-20070705	B705885-04
JAX25-MW07-20070705	B705885-05
JAX25-MW01-20070705	B705885-06
JAX25-MW02-20070705	B705885-07
JAX25-MW11-20070705	B705885-08
JAX25-MW14-20070706	B706062-01
JAX25-MW15-20070706	B706062-02RE1
JAX25-MW09-20070706	B706062-03RE1
JAX25-DUP-20070706	B706062-04
JAX25-MW05-20070706	B706062-05

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature: _____

Name: Christina Tompkins

Date: 7/16/07

Title: Project Manager

METHOD DETECTION AND REPORTING LIMITS

EPA 8011

Laboratory: ENCO Jacksonville **SDG:** BR006-024

Client: Tetra Tech NUS (BR006) **Project:** Naval Air Station CTO 252

Matrix: Water **Instrument:** JSVGCECD2

Analyte	MDL	MRL	Units
1,2-Dibromoethane [2C]	0.014	0.020	ug/L
1,2-Dibromoethane	0.014	0.020	ug/L

PREPARATION BATCH SUMMARY

EPA 8011

Laboratory: ENCO Jacksonville SDG: BR006-024

Client: Tetra Tech NUS (BR006) Project: Naval Air Station CTO 252

Batch: 7G06016 Batch Matrix: Water Preparation: EPA 8011

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
Blank	7G06016-BLK1	9GFA019-0	07/06/07 14:16	
Blank	7G06016-BLK1	9GFB019-0	07/06/07 14:16	
LCS	7G06016-BS1	9GFB020-0	07/06/07 14:16	
LCS	7G06016-BS1	9GFA020-0	07/06/07 14:16	
JAX25-MW14-20070706	7G06016-MS1	9GFB021-0	07/06/07 14:16	
JAX25-MW14-20070706	7G06016-MS1	9GFA021-0	07/06/07 14:16	
JAX25-MW14-20070706	7G06016-MSD1	9GFA022-0	07/06/07 14:16	
JAX25-MW14-20070706	7G06016-MSD1	9GFB022-0	07/06/07 14:16	
JAX25-MW13-20070705	B705885-01	9GFB026-0	07/06/07 14:16	
JAX25-MW13-20070705	B705885-01	9GFA026-0	07/06/07 14:16	
JAX25-MW04-20070705	B705885-02RE1	9GGA004-0	07/06/07 14:16	re-run
JAX25-MW04-20070705	B705885-02RE1	9GGB004-0	07/06/07 14:16	re-run
JAX25-MW12-20070705	B705885-03	9GFA028-0	07/06/07 14:16	
JAX25-MW12-20070705	B705885-03	9GFB028-0	07/06/07 14:16	
JAX25-MW03-20070705	B705885-04	9GFB030-0	07/06/07 14:16	
JAX25-MW03-20070705	B705885-04	9GFA030-0	07/06/07 14:16	
JAX25-MW07-20070705	B705885-05	9GFB031-0	07/06/07 14:16	
JAX25-MW07-20070705	B705885-05	9GFA031-0	07/06/07 14:16	
JAX25-MW01-20070705	B705885-06	9GFB032-0	07/06/07 14:16	
JAX25-MW01-20070705	B705885-06	9GFA032-0	07/06/07 14:16	
JAX25-MW02-20070705	B705885-07	9GFA033-0	07/06/07 14:16	
JAX25-MW02-20070705	B705885-07	9GFB033-0	07/06/07 14:16	
JAX25-MW11-20070705	B705885-08	9GFB034-0	07/06/07 14:16	
JAX25-MW11-20070705	B705885-08	9GFA034-0	07/06/07 14:16	
JAX25-MW14-20070706	B706062-01	9GFA036-0	07/06/07 14:16	Use this sample as the MS/MSD
JAX25-MW14-20070706	B706062-01	9GFB036-0	07/06/07 14:16	Use this sample as the MS/MSD
JAX25-MW15-20070706	B706062-02RE1	9GGA006-0	07/06/07 14:16	re-run
JAX25-MW15-20070706	B706062-02RE1	9GGB006-0	07/06/07 14:16	re-run
JAX25-MW09-20070706	B706062-03RE1	9GGB005-0	07/06/07 14:16	re-run
JAX25-MW09-20070706	B706062-03RE1	9GGA005-0	07/06/07 14:16	re-run
JAX25-DUP-20070706	B706062-04	9GFB039-0	07/06/07 14:16	
JAX25-DUP-20070706	B706062-04	9GFA039-0	07/06/07 14:16	
JAX25-MW05-20070706	B706062-05	9GFA041-0	07/06/07 14:16	

PREPARATION BATCH SUMMARY

EPA 8011

Laboratory: ENCO Jacksonville SDG: BR006-024

Client: Tetra Tech NUS (BR006) Project: Naval Air Station CTO 252

Batch: 7G06016 Batch Matrix: Water Preparation: EPA 8011

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
JAX25-MW05-20070706	B706062-05	9GFB041-0	07/06/07 14:16	

ANALYSIS BATCH (SEQUENCE) SUMMARY
EPA 8011

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Sequence:	BA00941	Instrument:	JSVGCECD2
Matrix:	Water	Calibration:	0707005

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
Calibration Check	BA00941-CCV1	9GFB018-0	07/11/07 19:43
Calibration Check	BA00941-CCV1	9GFA018-0	07/11/07 19:43
Blank	7G06016-BLK1	9GFB019-0	07/11/07 19:54
Blank	7G06016-BLK1	9GFA019-0	07/11/07 19:54
LCS	7G06016-BS1	9GFA020-0	07/11/07 20:06
LCS	7G06016-BS1	9GFB020-0	07/11/07 20:06
JAX25-MW14-20070706	7G06016-MS1	9GFA021-0	07/11/07 20:17
JAX25-MW14-20070706	7G06016-MS1	9GFB021-0	07/11/07 20:17
JAX25-MW14-20070706	7G06016-MSD1	9GFA022-0	07/11/07 20:28
JAX25-MW14-20070706	7G06016-MSD1	9GFB022-0	07/11/07 20:28
JAX25-MW13-20070705	B705885-01	9GFA026-0	07/11/07 21:13
JAX25-MW13-20070705	B705885-01	9GFB026-0	07/11/07 21:13
JAX25-MW12-20070705	B705885-03	9GFB028-0	07/11/07 21:36
JAX25-MW12-20070705	B705885-03	9GFA028-0	07/11/07 21:36
Calibration Check	BA00941-CCV2	9GFA029-0	07/11/07 21:47
Calibration Check	BA00941-CCV2	9GFB029-0	07/11/07 21:47
JAX25-MW03-20070705	B705885-04	9GFA030-0	07/11/07 21:59
JAX25-MW03-20070705	B705885-04	9GFB030-0	07/11/07 21:59
JAX25-MW07-20070705	B705885-05	9GFA031-0	07/11/07 22:10
JAX25-MW07-20070705	B705885-05	9GFB031-0	07/11/07 22:10
JAX25-MW01-20070705	B705885-06	9GFA032-0	07/11/07 22:21
JAX25-MW01-20070705	B705885-06	9GFB032-0	07/11/07 22:21
JAX25-MW02-20070705	B705885-07	9GFA033-0	07/11/07 22:32
JAX25-MW02-20070705	B705885-07	9GFB033-0	07/11/07 22:32
JAX25-MW11-20070705	B705885-08	9GFB034-0	07/11/07 22:44
JAX25-MW11-20070705	B705885-08	9GFA034-0	07/11/07 22:44
JAX25-MW14-20070706	B706062-01	9GFB036-0	07/11/07 23:07
JAX25-MW14-20070706	B706062-01	9GFA036-0	07/11/07 23:07
JAX25-DUP-20070706	B706062-04	9GFA039-0	07/11/07 23:41
JAX25-DUP-20070706	B706062-04	9GFB039-0	07/11/07 23:41
Calibration Check	BA00941-CCV3	9GFB040-0	07/11/07 23:52
Calibration Check	BA00941-CCV3	9GFA040-0	07/11/07 23:52

ANALYSIS BATCH (SEQUENCE) SUMMARY
EPA 8011

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Sequence:	BA00941	Instrument:	JSVGCECD2
Matrix:	Water	Calibration:	0707005

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
JAX25-MW05-20070706	B706062-05	9GFA041-0	07/12/07 00:03
JAX25-MW05-20070706	B706062-05	9GFB041-0	07/12/07 00:03
Calibration Check	BA00941-CCV4	9GFA049-0	07/12/07 01:34
Calibration Check	BA00941-CCV4	9GFB049-0	07/12/07 01:34
Calibration Check	BA00941-CCV6	9GGB003-0	07/12/07 16:33
Calibration Check	BA00941-CCV6	9GGA003-0	07/12/07 16:33
JAX25-MW04-20070705	B705885-02RE1	9GGB004-0	07/12/07 17:13
JAX25-MW04-20070705	B705885-02RE1	9GGA004-0	07/12/07 17:13
JAX25-MW09-20070706	B706062-03RE1	9GGB005-0	07/12/07 17:27
JAX25-MW09-20070706	B706062-03RE1	9GGA005-0	07/12/07 17:27
JAX25-MW15-20070706	B706062-02RE1	9GGA006-0	07/12/07 17:53
JAX25-MW15-20070706	B706062-02RE1	9GGB006-0	07/12/07 17:53
Calibration Check	BA00941-CCV7	9GGB008-0	07/12/07 18:35
Calibration Check	BA00941-CCV7	9GGA008-0	07/12/07 18:35

ANALYSIS BATCH (SEQUENCE) SUMMARY
EPA 8011

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Sequence:	BA00961	Instrument:	JSVGCECD2
Matrix:	Water	Calibration:	UNASSIGNED

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
Cal Standard	BA00961-CAL2	9GFA007-0	07/11/07 16:42
Cal Standard	BA00961-CAL2	9GFB007-0	07/11/07 16:42
Cal Standard	BA00961-CAL3	9GFA008-0	07/11/07 16:54
Cal Standard	BA00961-CAL3	9GFB008-0	07/11/07 16:54
Cal Standard	BA00961-CAL4	9GFB009-0	07/11/07 17:05
Cal Standard	BA00961-CAL4	9GFA009-0	07/11/07 17:05
Cal Standard	BA00961-CAL1	9GFA006A-0	07/11/07 17:28
Cal Standard	BA00961-CAL1	9GFB006-0	07/11/07 17:28
Cal Standard	BA00961-CAL5	9GFB010-0	07/11/07 18:13
Cal Standard	BA00961-CAL5	9GFA010-0	07/11/07 18:13
Cal Standard	BA00961-CAL6	9GFA011-0	07/11/07 18:24
Cal Standard	BA00961-CAL6	9GFB011-0	07/11/07 18:24
Cal Standard	BA00961-CAL7	9GFA012-0	07/11/07 18:35
Cal Standard	BA00961-CAL7	9GFB012-0	07/11/07 18:35
Initial Cal Check	BA00961-ICV1	9GFB020-0	07/11/07 20:06
Initial Cal Check	BA00961-ICV1	9GFA020-0	07/11/07 20:06

HOLDING TIME SUMMARY
EPA 8011

Laboratory: ENCO Jacksonville SDG: BR006-024

Client: Tetra Tech NUS (BR006) Project: Naval Air Station CTO 252

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	O
JAX25-MW13-20070705	07/05/07 11:56	07/05/07 16:20	07/06/07 14:16	1.10	NA	07/11/07 21:13	6.00	28.00	
JAX25-MW04-20070705	07/05/07 13:00	07/05/07 16:20	07/06/07 14:16	1.05	NA	07/12/07 17:13	7.00	28.00	
JAX25-MW12-20070705	07/05/07 14:57	07/05/07 16:20	07/06/07 14:16	0.97	NA	07/11/07 21:36	6.00	28.00	
JAX25-MW03-20070705	07/05/07 14:07	07/05/07 16:20	07/06/07 14:16	1.01	NA	07/11/07 21:59	6.00	28.00	
JAX25-MW07-20070705	07/05/07 11:50	07/05/07 16:20	07/06/07 14:16	1.10	NA	07/11/07 22:10	6.00	28.00	
JAX25-MW01-20070705	07/05/07 12:59	07/05/07 16:20	07/06/07 14:16	1.05	NA	07/11/07 22:21	6.00	28.00	
JAX25-MW02-20070705	07/05/07 14:12	07/05/07 16:20	07/06/07 14:16	1.00	NA	07/11/07 22:32	6.00	28.00	
JAX25-MW11-20070705	07/05/07 15:09	07/05/07 16:20	07/06/07 14:16	0.96	NA	07/11/07 22:44	6.00	28.00	
JAX25-MW14-20070706	07/06/07 10:20	07/06/07 13:00	07/06/07 14:16	0.16	NA	07/11/07 23:07	6.00	28.00	
JAX25-MW15-20070706	07/06/07 11:49	07/06/07 13:00	07/06/07 14:16	0.10	NA	07/12/07 17:53	6.00	28.00	
JAX25-MW09-20070706	07/06/07 10:42	07/06/07 13:00	07/06/07 14:16	0.15	NA	07/12/07 17:27	6.00	28.00	
JAX25-DUP-20070706	07/06/07 00:00	07/06/07 13:00	07/06/07 14:16	0.59	NA	07/11/07 23:41	6.00	28.00	
JAX25-MW05-20070706	07/06/07 11:54	07/06/07 13:00	07/06/07 14:16	0.10	NA	07/12/07 00:03	6.00	28.00	

ORGANIC ANALYSIS DATA SHEET

EPA 8011

JAX25-MW13-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-01	File ID:	9GFA026-0
Sampled:	07/05/07 11:56	Prepared:	07/06/07 14:16	Analyzed:	07/11/07 21:13
Solids:		Preparation:	EPA 8011	Initial/Final:	35 mL / 2 mL

Batch: 7G06016 Sequence: BA00941 Calibration: 0707005 Instrument: JSVGCECD2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
106-93-4	1,2-Dibromoethane [2C]	1	0.01	U	0.01	0.02
106-93-4	1,2-Dibromoethane	1	0.01	U	0.01	0.02

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,3-Dichlorobenzene [2C]	1.00	1.2	123	30 - 170	
1,3-Dichlorobenzene	1.00	0.87	87	30 - 170	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8011

JAX25-MW04-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-02RE1	File ID:	9GGA004-0
Sampled:	07/05/07 13:00	Prepared:	07/06/07 14:16	Analyzed:	07/12/07 17:13
Solids:		Preparation:	EPA 8011	Initial/Final:	35 mL / 2 mL

Batch: 7G06016 Sequence: BA00941 Calibration: 0707005 Instrument: JSVGCECD2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
106-93-4	1,2-Dibromoethane [2C]	1	0.01	U	0.01	0.02
106-93-4	1,2-Dibromoethane	1	0.01	U	0.01	0.02

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,3-Dichlorobenzene [2C]	1.00	0.86	86	30 - 170	
1,3-Dichlorobenzene	1.00	0.95	95	30 - 170	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
EPA 8011

JAX25-MW12-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-03	File ID:	9GFA028-0
Sampled:	07/05/07 14:57	Prepared:	07/06/07 14:16	Analyzed:	07/11/07 21:36
Solids:		Preparation:	EPA 8011	Initial/Final:	35 mL / 2 mL

Batch: 7G06016 Sequence: BA00941 Calibration: 0707005 Instrument: JSVGCECD2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
106-93-4	1,2-Dibromoethane [2C]	1	0.01	U	0.01	0.02
106-93-4	1,2-Dibromoethane	1	0.01	U	0.01	0.02

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,3-Dichlorobenzene [2C]	1.00	0.85	85	30 - 170	
1,3-Dichlorobenzene	1.00	0.80	80	30 - 170	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8011

JAX25-MW03-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-04	File ID:	9GFA030-0
Sampled:	07/05/07 14:07	Prepared:	07/06/07 14:16	Analyzed:	07/11/07 21:59
Solids:		Preparation:	EPA 8011	Initial/Final:	35 mL / 2 mL

Batch: 7G06016 Sequence: BA00941 Calibration: 0707005 Instrument: JSVGCECD2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
106-93-4	1,2-Dibromoethane [2C]	1	0.01	U	0.01	0.02
106-93-4	1,2-Dibromoethane	1	0.01	U	0.01	0.02

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,3-Dichlorobenzene [2C]	1.00	1.1	110	30 - 170	
1,3-Dichlorobenzene	1.00	0.82	82	30 - 170	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8011

JAX25-MW07-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-05	File ID:	9GFA031-0
Sampled:	07/05/07 11:50	Prepared:	07/06/07 14:16	Analyzed:	07/11/07 22:10
Solids:		Preparation:	EPA 8011	Initial/Final:	35 mL / 2 mL

Batch: 7G06016 Sequence: BA00941 Calibration: 0707005 Instrument: JSVGCECD2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
106-93-4	1,2-Dibromoethane [2C]	1	0.01	U	0.01	0.02
106-93-4	1,2-Dibromoethane	1	0.01	U	0.01	0.02

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,3-Dichlorobenzene [2C]	1.00	0.79	79	30 - 170	
1,3-Dichlorobenzene	1.00	0.78	78	30 - 170	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8011

JAX25-MW01-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-06	File ID:	9GFA032-0
Sampled:	07/05/07 12:59	Prepared:	07/06/07 14:16	Analyzed:	07/11/07 22:21
Solids:		Preparation:	EPA 8011	Initial/Final:	35 mL / 2 mL

Batch: 7G06016 Sequence: BA00941 Calibration: 0707005 Instrument: JSVGCECD2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
106-93-4	1,2-Dibromoethane [2C]	1	0.01	U	0.01	0.02
106-93-4	1,2-Dibromoethane	1	0.01	U	0.01	0.02

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,3-Dichlorobenzene [2C]	1.00	1.2	115	30 - 170	
1,3-Dichlorobenzene	1.00	0.91	91	30 - 170	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8011

JAX25-MW02-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-07	File ID:	9GFA033-0
Sampled:	07/05/07 14:12	Prepared:	07/06/07 14:16	Analyzed:	07/11/07 22:32
Solids:		Preparation:	EPA 8011	Initial/Final:	35 mL / 2 mL

Batch: 7G06016 Sequence: BA00941 Calibration: 0707005 Instrument: JSVGCECD2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
106-93-4	1,2-Dibromoethane [2C]	1	0.01	U	0.01	0.02
106-93-4	1,2-Dibromoethane	1	0.01	U	0.01	0.02

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,3-Dichlorobenzene [2C]	1.00	1.6	155	30 - 170	
1,3-Dichlorobenzene	1.00	0.67	67	30 - 170	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
EPA 8011

JAX25-MW11-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-08	File ID:	9GFA034-0
Sampled:	07/05/07 15:09	Prepared:	07/06/07 14:16	Analyzed:	07/11/07 22:44
Solids:		Preparation:	EPA 8011	Initial/Final:	35 mL / 2 mL

Batch: 7G06016 Sequence: BA00941 Calibration: 0707005 Instrument: JSVGCECD2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
106-93-4	1,2-Dibromoethane [2C]	1	0.01	U	0.01	0.02
106-93-4	1,2-Dibromoethane	1	0.01	U	0.01	0.02

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,3-Dichlorobenzene [2C]	1.00	0.99	99	30 - 170	
1,3-Dichlorobenzene	1.00	0.99	99	30 - 170	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8011

JAX25-MW14-20070706

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B706062-01	File ID:	9GFA036-0
Sampled:	07/06/07 10:20	Prepared:	07/06/07 14:16	Analyzed:	07/11/07 23:07
Solids:		Preparation:	EPA 8011	Initial/Final:	35 mL / 2 mL

Batch: 7G06016 Sequence: BA00941 Calibration: 0707005 Instrument: JSVGCECD2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
106-93-4	1,2-Dibromoethane [2C]	1	0.01	U	0.01	0.02
106-93-4	1,2-Dibromoethane	1	0.01	U	0.01	0.02

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,3-Dichlorobenzene [2C]	1.00	1.6	160	30 - 170	
1,3-Dichlorobenzene	1.00	0.77	77	30 - 170	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8011

JAX25-MW15-20070706

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B706062-02RE1	File ID:	9GGA006-0
Sampled:	07/06/07 11:49	Prepared:	07/06/07 14:16	Analyzed:	07/12/07 17:53
Solids:		Preparation:	EPA 8011	Initial/Final:	35 mL / 2 mL

Batch: 7G06016 Sequence: BA00941 Calibration: 0707005 Instrument: JSVGCECD2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
106-93-4	1,2-Dibromoethane [2C]	1	0.01	U	0.01	0.02
106-93-4	1,2-Dibromoethane	1	0.01	U	0.01	0.02

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,3-Dichlorobenzene [2C]	1.00	1.4	136	30 - 170	
1,3-Dichlorobenzene	1.00	0.84	84	30 - 170	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8011

JAX25-MW09-20070706

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B706062-03RE1	File ID:	9GGA005-0
Sampled:	07/06/07 10:42	Prepared:	07/06/07 14:16	Analyzed:	07/12/07 17:27
Solids:		Preparation:	EPA 8011	Initial/Final:	35 mL / 2 mL

Batch: 7G06016 Sequence: BA00941 Calibration: 0707005 Instrument: JSVGCECD2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
106-93-4	1,2-Dibromoethane [2C]	1	0.01	U	0.01	0.02
106-93-4	1,2-Dibromoethane	1	0.01	U	0.01	0.02

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,3-Dichlorobenzene [2C]	1.00	0.82	82	30 - 170	
1,3-Dichlorobenzene	1.00	0.80	80	30 - 170	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET
EPA 8011

JAX25-DUP-20070706

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B706062-04	File ID:	9GFA039-0
Sampled:	07/06/07 00:00	Prepared:	07/06/07 14:16	Analyzed:	07/11/07 23:41
Solids:		Preparation:	EPA 8011	Initial/Final:	35 mL / 2 mL

Batch: 7G06016 Sequence: BA00941 Calibration: 0707005 Instrument: JSVGCECD2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
106-93-4	1,2-Dibromoethane [2C]	1	0.01	U	0.01	0.02
106-93-4	1,2-Dibromoethane	1	0.01	U	0.01	0.02

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,3-Dichlorobenzene [2C]	1.00	1.5	155	30 - 170	
1,3-Dichlorobenzene	1.00	0.95	95	30 - 170	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8011

JAX25-MW05-20070706

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B706062-05	File ID:	9GFA041-0
Sampled:	07/06/07 11:54	Prepared:	07/06/07 14:16	Analyzed:	07/12/07 00:03
Solids:		Preparation:	EPA 8011	Initial/Final:	35 mL / 2 mL

Batch: 7G06016 Sequence: BA00941 Calibration: 0707005 Instrument: JSVGCECD2

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
106-93-4	1,2-Dibromoethane [2C]	1	0.01	U	0.01	0.02
106-93-4	1,2-Dibromoethane	1	0.01	U	0.01	0.02

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,3-Dichlorobenzene [2C]	1.00	1.7	173	30 - 170	*
1,3-Dichlorobenzene	1.00	0.95	95	30 - 170	

* Values outside of QC limits

METHOD BLANK DATA SHEET
EPA 8011

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Water	Laboratory ID:	7G06016-BLK1	File ID:	9GFA019-0
Prepared:	07/06/07 14:16	Preparation:	EPA 8011	Initial/Final:	35 mL / 2 mL
Analyzed:	07/11/07 19:54	Instrument:	JSVGCECD2		
Batch:	7G06016	Sequence:	BA00941	Calibration:	0707005

CAS NO.	COMPOUND	CONC. (ug/L)	Q
106-93-4	1,2-Dibromoethane [2C]	0.01	U
106-93-4	1,2-Dibromoethane	0.01	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,3-Dichlorobenzene [2C]	1.00	1.0	100	30 - 170	
1,3-Dichlorobenzene	1.00	1.0	100	30 - 170	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8011

JAX25-MW14-20070706

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Matrix:	Water		
Batch:	7G06016	Laboratory ID:	7G06016-MS1
Preparation:	EPA 8011	Initial/Final:	35 mL / 2 mL

Source Sample Name: JAX25-MW14-20070706

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
1,2-Dibromoethane [2C]	0.250	ND	0.13	54 *	60 - 140
1,2-Dibromoethane	0.250	ND	0.21	84	60 - 140

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,2-Dibromoethane [2C]	0.250	0.15	60	11	18	60 - 140
1,2-Dibromoethane	0.250	0.23	93	10	18	60 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

LCS / LCS DUPLICATE RECOVERY

EPA 8011

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Matrix:	Water		
Batch:	7G06016	Laboratory ID:	7G06016-BS1
Preparation:	EPA 8011	Initial/Final:	35 mL / 2 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,2-Dibromoethane [2C]	0.250	0.21	83	60 - 140
1,2-Dibromoethane	0.250	0.27	109	60 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

CONTINUING CALIBRATION CHECK

EPA 8011

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Instrument ID:	JSVGCECD2	Calibration:	0707005
Lab File ID:	9GFA018-0	Calibration Date:	07/11/07 16:23
Sequence:	BA00941	Injection Date:	07/11/07
Lab Sample ID:	BA00941-CCV1	Injection Time:	19:43

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,2-Dibromoethane [2C]	L	0.500	0.54	1060401	1148665		8.3	20
1,2-Dibromoethane	A	0.500	0.54	1301620	1427516		9.7	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

CONTINUING CALIBRATION CHECK

EPA 8011

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Instrument ID:	JSVGCECD2	Calibration:	0707005
Lab File ID:	9GFA029-0	Calibration Date:	07/11/07 16:23
Sequence:	BA00941	Injection Date:	07/11/07
Lab Sample ID:	BA00941-CCV2	Injection Time:	21:47

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,2-Dibromoethane [2C]	L	0.500	0.54	1060401	1140000		7.5	20
1,2-Dibromoethane	A	0.500	0.53	1301620	1388906		6.7	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

CONTINUING CALIBRATION CHECK

EPA 8011

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Instrument ID:	JSVGCECD2	Calibration:	0707005
Lab File ID:	9GFA040-0	Calibration Date:	07/11/07 16:23
Sequence:	BA00941	Injection Date:	07/11/07
Lab Sample ID:	BA00941-CCV3	Injection Time:	23:52

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,2-Dibromoethane [2C]	L	0.500	0.38	1060401	801781.2		-24.4	20 *
1,2-Dibromoethane	A	0.500	0.43	1301620	1130499		-13.1	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

CONTINUING CALIBRATION CHECK

EPA 8011

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Instrument ID:	JSVGCECD2	Calibration:	0707005
Lab File ID:	9GFA049-0	Calibration Date:	07/11/07 16:23
Sequence:	BA00941	Injection Date:	07/12/07
Lab Sample ID:	BA00941-CCV4	Injection Time:	01:34

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,2-Dibromoethane [2C]	L	0.500	0.46	1060401	983274.2		-7.3	20
1,2-Dibromoethane	A	0.500	0.45	1301620	1188185		-8.7	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

CONTINUING CALIBRATION CHECK

EPA 8011

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Instrument ID:	JSVGCECD2	Calibration:	0707005
Lab File ID:	9GGA003-0	Calibration Date:	07/11/07 16:23
Sequence:	BA00941	Injection Date:	07/12/07
Lab Sample ID:	BA00941-CCV6	Injection Time:	16:33

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,2-Dibromoethane [2C]	L	0.500	0.41	1060401	920674.6		-18.9	20
1,2-Dibromoethane	A	0.500	0.45	1301620	1176875		-9.6	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

CONTINUING CALIBRATION CHECK

EPA 8011

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Instrument ID:	JSVGCECD2	Calibration:	0707005
Lab File ID:	9GGA008-0	Calibration Date:	07/11/07 16:23
Sequence:	BA00941	Injection Date:	07/12/07
Lab Sample ID:	BA00941-CCV7	Injection Time:	18:35

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,2-Dibromoethane [2C]	L	0.500	0.52	1060401	1165605		3.3	20
1,2-Dibromoethane	A	0.500	0.54	1301620	1428649		9.8	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

SURROGATE STANDARD RECOVERY AND RT SUMMARY
EPA 8011

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Sequence:	BA00941	Instrument:	JSVGCECD2
Matrix:	Water	Calibration:	0707005

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (BA00941-CCV1)			Lab File ID: 9GFA018-0		Analyzed: 07/11/07 19:43			
1,3-Dichlorobenzene [2C]	1.00	116	30 - 170	3.661	3.6602	0.0008	+/-1.0	
1,3-Dichlorobenzene	1.00	115	30 - 170	3.358	3.3582	-0.0002	+/-1.0	
Blank (7G06016-BLK1)			Lab File ID: 9GFA019-0		Analyzed: 07/11/07 19:54			
1,3-Dichlorobenzene [2C]	1.00	100	30 - 170	3.66	3.6602	-0.0002	+/-1.0	
1,3-Dichlorobenzene	1.00	100	30 - 170	3.358	3.3582	-0.0002	+/-1.0	
LCS (7G06016-BS1)			Lab File ID: 9GFA020-0		Analyzed: 07/11/07 20:06			
1,3-Dichlorobenzene [2C]	1.00	109	30 - 170	3.661	3.6602	0.0008	+/-1.0	
1,3-Dichlorobenzene	1.00	107	30 - 170	3.359	3.3582	0.0008	+/-1.0	
Matrix Spike (7G06016-MS1)			Lab File ID: 9GFA021-0		Analyzed: 07/11/07 20:17			
1,3-Dichlorobenzene [2C]	1.00	60	30 - 170	3.66	3.6602	-0.0002	+/-1.0	
1,3-Dichlorobenzene	1.00	58	30 - 170	3.358	3.3582	-0.0002	+/-1.0	
Matrix Spike Dup (7G06016-MSD1)			Lab File ID: 9GFA022-0		Analyzed: 07/11/07 20:28			
1,3-Dichlorobenzene [2C]	1.00	71	30 - 170	3.662	3.6602	0.0018	+/-1.0	
1,3-Dichlorobenzene	1.00	71	30 - 170	3.36	3.3582	0.0018	+/-1.0	
JAX25-MW13-20070705 (B705885-01)			Lab File ID: 9GFA026-0		Analyzed: 07/11/07 21:13			
1,3-Dichlorobenzene [2C]	1.00	123	30 - 170	3.662	3.6602	0.0018	+/-1.0	
1,3-Dichlorobenzene	1.00	87	30 - 170	3.359	3.3582	0.0008	+/-1.0	
JAX25-MW12-20070705 (B705885-03)			Lab File ID: 9GFA028-0		Analyzed: 07/11/07 21:36			
1,3-Dichlorobenzene [2C]	1.00	85	30 - 170	3.66	3.6602	-0.0002	+/-1.0	
1,3-Dichlorobenzene	1.00	80	30 - 170	3.358	3.3582	-0.0002	+/-1.0	
Calibration Check (BA00941-CCV2)			Lab File ID: 9GFA029-0		Analyzed: 07/11/07 21:47			
1,3-Dichlorobenzene [2C]	1.00	101	30 - 170	3.661	3.6602	0.0008	+/-1.0	
1,3-Dichlorobenzene	1.00	109	30 - 170	3.359	3.3582	0.0008	+/-1.0	
JAX25-MW03-20070705 (B705885-04)			Lab File ID: 9GFA030-0		Analyzed: 07/11/07 21:59			
1,3-Dichlorobenzene [2C]	1.00	110	30 - 170	3.663	3.6602	0.0028	+/-1.0	
1,3-Dichlorobenzene	1.00	82	30 - 170	3.36	3.3582	0.0018	+/-1.0	
JAX25-MW07-20070705 (B705885-05)			Lab File ID: 9GFA031-0		Analyzed: 07/11/07 22:10			
1,3-Dichlorobenzene [2C]	1.00	79	30 - 170	3.661	3.6602	0.0008	+/-1.0	
1,3-Dichlorobenzene	1.00	78	30 - 170	3.359	3.3582	0.0008	+/-1.0	
JAX25-MW01-20070705 (B705885-06)			Lab File ID: 9GFA032-0		Analyzed: 07/11/07 22:21			
1,3-Dichlorobenzene [2C]	1.00	115	30 - 170	3.66	3.6602	-0.0002	+/-1.0	
1,3-Dichlorobenzene	1.00	91	30 - 170	3.359	3.3582	0.0008	+/-1.0	

SURROGATE STANDARD RECOVERY AND RT SUMMARY
EPA 8011

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Sequence:	BA00941	Instrument:	JSVGCECD2
Matrix:	Water	Calibration:	0707005

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
JAX25-MW02-20070705 (B705885-07)			Lab File ID: 9GFA033-0		Analyzed: 07/11/07 22:32			
1,3-Dichlorobenzene [2C]	1.00	155	30 - 170	3.662	3.6602	0.0018	+/-1.0	
1,3-Dichlorobenzene	1.00	67	30 - 170	3.359	3.3582	0.0008	+/-1.0	
JAX25-MW11-20070705 (B705885-08)			Lab File ID: 9GFA034-0		Analyzed: 07/11/07 22:44			
1,3-Dichlorobenzene [2C]	1.00	99	30 - 170	3.661	3.6602	0.0008	+/-1.0	
1,3-Dichlorobenzene	1.00	99	30 - 170	3.359	3.3582	0.0008	+/-1.0	
JAX25-MW14-20070706 (B706062-01)			Lab File ID: 9GFA036-0		Analyzed: 07/11/07 23:07			
1,3-Dichlorobenzene [2C]	1.00	160	30 - 170	3.664	3.6602	0.0038	+/-1.0	
1,3-Dichlorobenzene	1.00	77	30 - 170	3.361	3.3582	0.0028	+/-1.0	
JAX25-DUP-20070706 (B706062-04)			Lab File ID: 9GFA039-0		Analyzed: 07/11/07 23:41			
1,3-Dichlorobenzene [2C]	1.00	155	30 - 170	3.659	3.6602	-0.0012	+/-1.0	
1,3-Dichlorobenzene	1.00	95	30 - 170	3.36	3.3582	0.0018	+/-1.0	
Calibration Check (BA00941-CCV3)			Lab File ID: 9GFA040-0		Analyzed: 07/11/07 23:52			
1,3-Dichlorobenzene [2C]	1.00	173	30 - 170	3.664	3.6602	0.0038	+/-1.0	*
1,3-Dichlorobenzene	1.00	119	30 - 170	3.361	3.3582	0.0028	+/-1.0	
JAX25-MW05-20070706 (B706062-05)			Lab File ID: 9GFA041-0		Analyzed: 07/12/07 00:03			
1,3-Dichlorobenzene [2C]	1.00	173	30 - 170	3.669	3.6602	0.0088	+/-1.0	*
1,3-Dichlorobenzene	1.00	95	30 - 170	3.361	3.3582	0.0028	+/-1.0	
Calibration Check (BA00941-CCV4)			Lab File ID: 9GFA049-0		Analyzed: 07/12/07 01:34			
1,3-Dichlorobenzene [2C]	1.00	199	30 - 170	3.662	3.6602	0.0018	+/-1.0	*
1,3-Dichlorobenzene	1.00	81	30 - 170	3.36	3.3582	0.0018	+/-1.0	
Calibration Check (BA00941-CCV6)			Lab File ID: 9GGA003-0		Analyzed: 07/12/07 16:33			
1,3-Dichlorobenzene [2C]	1.00	89	30 - 170	3.662	3.6602	0.0018	+/-1.0	
1,3-Dichlorobenzene	1.00	80	30 - 170	3.36	3.3582	0.0018	+/-1.0	
JAX25-MW04-20070705 (B705885-02RE1)			Lab File ID: 9GGA004-0		Analyzed: 07/12/07 17:13			
1,3-Dichlorobenzene [2C]	1.00	86	30 - 170	3.661	3.6602	0.0008	+/-1.0	
1,3-Dichlorobenzene	1.00	95	30 - 170	3.364	3.3582	0.0058	+/-1.0	
JAX25-MW09-20070706 (B706062-03RE1)			Lab File ID: 9GGA005-0		Analyzed: 07/12/07 17:27			
1,3-Dichlorobenzene [2C]	1.00	82	30 - 170	3.663	3.6602	0.0028	+/-1.0	
1,3-Dichlorobenzene	1.00	80	30 - 170	3.363	3.3582	0.0048	+/-1.0	
JAX25-MW15-20070706 (B706062-02RE1)			Lab File ID: 9GGA006-0		Analyzed: 07/12/07 17:53			
1,3-Dichlorobenzene [2C]	1.00	136	30 - 170	3.663	3.6602	0.0028	+/-1.0	
1,3-Dichlorobenzene	1.00	84	30 - 170	3.362	3.3582	0.0038	+/-1.0	

SURROGATE STANDARD RECOVERY AND RT SUMMARY

EPA 8011

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Sequence:	BA00941	Instrument:	JSVGCECD2
Matrix:	Water	Calibration:	0707005

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (BA00941-CCV7)			Lab File ID: 9GGA008-0		Analyzed: 07/12/07 18:35			
1,3-Dichlorobenzene [2C]	1.00	119	30 - 170	3.662	3.6602	0.0018	+/-1.0	
1,3-Dichlorobenzene	1.00	110	30 - 170	3.361	3.3582	0.0028	+/-1.0	

INITIAL CALIBRATION STANDARDS

EPA 8011

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Sequence:	BA00961	Instrument:	JSVGCECD2
Calibration:	0707005		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
B7G0059	EDB- virtual 0.05 ug/L std	BA00961-CAL2	9GFA007-0	07/11/07 16:42
B7G0058	EDB- virtual 0.1 ug/L std	BA00961-CAL3	9GFA008-0	07/11/07 16:54
B7G0057	EDB- virtual 0.25 ug/L std	BA00961-CAL4	9GFA009-0	07/11/07 17:05
B7G0060	EDB- virtual 0.02 ug/L std	BA00961-CAL1	9GFB006-0	07/11/07 17:28
B7G0060	EDB- virtual 0.02 ug/L std	BA00961-CAL1	9GFA006A-0	07/11/07 17:28
B7G0059	EDB- virtual 0.05 ug/L std	BA00961-CAL2	9GFB007-0	07/11/07 17:39
B7G0058	EDB- virtual 0.1 ug/L std	BA00961-CAL3	9GFB008-0	07/11/07 17:50
B7G0057	EDB- virtual 0.25 ug/L std	BA00961-CAL4	9GFB009-0	07/11/07 18:01
B7G0056	EDB- virtual 0.5 ug/L std	BA00961-CAL5	9GFB010-0	07/11/07 18:13
B7G0056	EDB- virtual 0.5 ug/L std	BA00961-CAL5	9GFA010-0	07/11/07 18:13
B7G0055	EDB- virtual 1.0 ug/L std	BA00961-CAL6	9GFB011-0	07/11/07 18:24
B7G0055	EDB- virtual 1.0 ug/L std	BA00961-CAL6	9GFA011-0	07/11/07 18:24
B7G0054	EDB- virtual 2.0 ug/L std	BA00961-CAL7	9GFB012-0	07/11/07 18:35
B7G0054	EDB- virtual 2.0 ug/L std	BA00961-CAL7	9GFA012-0	07/11/07 18:35

INITIAL CALIBRATION DATA
EPA 8011

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Calibration:	0707005	Instrument:	JSVGCECD2
Matrix:	Water	Calibration Date:	07/11/07 16:23

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,2-Dibromoethane [2C]	0.02	755761	0.05	969803.2	0.1	1049736	0.25	1204158	0.5	1185929	1	1160233
1,3-Dichlorobenzene [2C]					0.1	125348.1	0.25	92232.36	0.5	110360.1	1	138224.3
1,2-Dibromoethane	0.02	1467835	0.05	1317523	0.1	1278589	0.25	1310240	0.5	1260413	1	1239450
1,3-Dichlorobenzene					0.1	162734	0.25	107839.6	0.5	117830.1	1	147243.2

INITIAL CALIBRATION DATA (Continued)

EPA 8011

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Calibration:	0707005	Instrument:	JSVGCECD2
Matrix:	Water	Calibration Date:	07/11/07 16:23

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,2-Dibromoethane [2C]	2	1097189										
1,3-Dichlorobenzene [2C]	2	126500.3										
1,2-Dibromoethane	2	1237293										
1,3-Dichlorobenzene	2	137497										

INITIAL CALIBRATION DATA (Continued)

EPA 8011

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Calibration:	0707005	Instrument:	JSVGCECD2
Matrix:	Water	Calibration Date:	07/11/07 16:23

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,2-Dibromoethane [2C]	1060401	14.85451	1.548857	0.2676001	0.9987926		0.995	
1,3-Dichlorobenzene [2C]	118533	14.95059	3.6602	0.0297648				
1,2-Dibromoethane	1301620	6.129055	1.332143	0.170505				
1,3-Dichlorobenzene	134628.8	16.43007	3.3582	3.232177E-02				

8011 Calibration Data

Turbochrom Method File : C:\TC4\HP6890\8011A9GF.MTH
Created by : SHS on : 7/12/07 12:21 PM
Edited by : GGM on : 7/12/07 03:23 PM
Description : stx-clpesticide column (primary column) uECD

Element Cal:
0707005

Number of Times Edited : 4
Number of Times Calibrated : 142

Processing Parameters :

Bunch Factor : 1 points
Noise Threshold : 400 µV
Area Threshold : 2000.00 µV

Peak Separation Criteria
Width Ratio : 0.200
Valley-to-Peak Ratio : 0.010

Exponential Skim Criteria
Peak Height Ratio : 5.000
Adjusted Height Ratio : 4.000
Valley Height Ratio : 3.000

Baseline Timed Events :

Event #1 - -P at 0.813
Event #2 - +P at 1.446
Event #3 - -P at 1.684
Event #4 - +P at 2.694
Event #5 - -P at 4.531

Annotated Replot Parameters :

Offset will be autozeroed
Plot Scale : 5000.000 mV

Number of Pages : 1
Plot Title : Chromatogram
X-Axis Label : Time [min]
Y-Axis Label : Response [mV]
Orientation : Landscape
Retention Labels : Top of Plot
Component Labels : Actual Time
Automatically set plot start and end times to data limits

Report Format files :

No report format files given

User Programs :

No user programs will be executed

Global Information :

Quantitation Units : UG/L
Void Time : 0.000 min
Correct amounts during calibration : YES
Reject outliers during calibration : NO
An External Standard calibration will be used
Unknown peaks will be quantitated using a response factor of 1.000000e+06

Component Information :

1,2-Dibromoethane [2C]

Component Type : Single Peak Component
Retention Time : 1.549 min Search Window: 1.00 s, 0.30 %
Reference Component:
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: None
User Values:
Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	0.0200	15115.22	7001.79	----------	----------	1
2	0.0500	48490.16	20716.19	----------	----------	1
3	0.1000	104973.60	45696.76	----------	----------	1
4	0.2500	301039.37	132531.04	----------	----------	1
5	0.5000	592964.49	242150.90	----------	----------	1
6	1.0000	1160232.87	465660.65	----------	----------	1
7	2.0000	2194378.36	892207.97	----------	----------	1

Calibration Curve : y = (11967.212194) + (1105465.199738)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998793

1,2,3-Trichloropropane [2C]

Component Type : Single Peak Component
Retention Time : 2.991 min Search Window: 0.00 s, 0.50 %
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
3	0.1000	67996.28	22761.03	----------	----------	1
4	0.2500	117668.33	45893.32	----------	----------	1
5	0.5000	158053.72	73419.18	----------	----------	1
6	1.0000	178091.30	114924.07	----------	----------	1
7	2.0000	338311.47	214065.67	----------	----------	1

1,3-Dichlorobenzene [2C]

Component Type : Single Peak Component
Retention Time : 3.666 min Search Window: 1.50 s, 0.30 %
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
3	0.1000	12534.81	8344.80	----------	----------	1
4	0.2500	23058.09	16863.02	----------	----------	1
5	0.5000	55180.03	38822.36	----------	----------	1
6	1.0000	138224.32	98807.72	----------	----------	1
7	2.0000	253000.49	180822.98	----------	----------	1

Average Calibration Factor = 118533.008428 (%RSD = 14.95)

1,2-Dibromo-3-chloropropane [2C]

Component Type : Single Peak Component
Retention Time : 4.344 min Search Window: 0.50 s, 0.40 %
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	0.0200	50662.83	42457.04	----------	----------	1
2	0.0500	107861.95	93207.64	----------	----------	1
3	0.1000	221745.00	186217.65	----------	----------	1
4	0.2500	600463.36	495146.70	----------	----------	1
5	0.5000	1169535.65	959113.14	----------	----------	1
6	1.0000	2305732.32	1.94e+06	----------	----------	1
7	2.0000	4756330.63	3.96e+06	----------	----------	1

Average Calibration Factor = 2.333236e+06 (%RSD = 5.30)

Turbochrom Method File : C:\TC4\HP6890\8011B9GF.MTH
Created by : SHS on : 7/12/07 12:24 PM
Edited by : GGM on : 7/12/07 02:01 PM
Description : stx-clpesticide II column (secondary column) uECD

Number of Times Edited : 1
Number of Times Calibrated : 141

Processing Parameters :
Bunch Factor : 1 points
Noise Threshold : 400 µV
Area Threshold : 2000.00 µV

Peak Separation Criteria
Width Ratio : 0.200
Valley-to-Peak Ratio : 0.010

Exponential Skim Criteria
Peak Height Ratio : 5.000
Adjusted Height Ratio : 4.000
Valley Height Ratio : 3.000

Baseline Timed Events :
Event #1 - +P at 1.176
Event #2 - -P at 1.452
Event #3 - +P at 2.230
Event #4 - -P at 4.537

Annotated Replot Parameters :
Offset will be autozeroed
Plot Scale : 5000.000 mV

Number of Pages : 1
Plot Title : Chromatogram
X-Axis Label : Time [min]
Y-Axis Label : Response [mV]
Orientation : Landscape
Retention Labels : Top of Plot
Component Labels : Actual Time
Automatically set plot start and end times to data limits

Report Format files :
No report format files given

User Programs :
No user programs will be executed

Global Information :
Default Sample Volume : 1.000 ul

Void Time : 0.000 min
Correct amounts during calibration : YES
Reject outliers during calibration : NO
An External Standard calibration will be used
Unknown peaks will be quantitated using a response factor of 1.000000e+06

Component Information :

1,2-Dibromoethane
Component Type : Single Peak Component
Retention Time : 1.333 min Search Window: 1.00 s, 0.30 %
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000
Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	0.0200	29356.70	10741.78	----------	----------	1
2	0.0500	65876.14	24286.36	----------	----------	1
3	0.1000	127858.86	45881.42	----------	----------	1
4	0.2500	327560.02	116494.26	----------	----------	1
5	0.5000	630206.45	217974.69	----------	----------	1
6	1.0000	1239450.34	419638.39	----------	----------	1

Average Calibration Factor = 1.312342e+06 (%RSD = 6.22)

1,2,3-Trichloropropane
Component Type : Single Peak Component
Retention Time : 2.739 min Search Window: 0.00 s, 0.50 %
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000
Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
3	0.1000	21475.65	12601.75	----------	----------	1
4	0.2500	48792.61	32076.60	----------	----------	1
5	0.5000	97869.64	60101.49	----------	----------	1
6	1.0000	188530.15	115494.93	----------	----------	1
7	2.0000	362696.03	225537.90	----------	----------	1

Average Calibration Factor = 195108.877640 (%RSD = 6.38)

1,3-Dichlorobenzene
Component Type : Single Peak Component
Retention Time : 3.358 min Search Window: 1.50 s, 0.30 %
Reference Component:

Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000
Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
3	0.1000	16273.40	10335.94	----------	----------	1
4	0.2500	26959.91	19561.08	----------	----------	1
5	0.5000	58915.03	45614.18	----------	----------	1
6	1.0000	147243.16	114444.32	----------	----------	1
7	2.0000	274994.01	211003.15	----------	----------	1

Average Calibration Factor = 134628.784180 (%RSD = 16.43) ✓

1,2-Dibromo-3-chloropropane
Component Type : Single Peak Component
Retention Time : 4.283 min Search Window: 0.50 s, 0.40 %
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000
Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	# Replicates
1	0.0200	57282.77	50675.35	----------	----------	1
2	0.0500	117633.22	105769.65	----------	----------	1
3	0.1000	231915.51	212489.28	----------	----------	1
4	0.2500	641890.32	576936.09	----------	----------	1
5	0.5000	1228432.58	1.11e+06	----------	----------	1
6	1.0000	2494025.51	2.25e+06	----------	----------	1
7	2.0000	5186003.50	4.69e+06	----------	----------	1

Average Calibration Factor = 2.521059e+06 (%RSD = 7.22) ✓

Software Version: 4.1<1L22>
Sample Name : BA00961-CAL1 Time : 7/12/07 04:33 PM
Sample Number: 6 Study : .02ug/L-B7G0060
Operator : GGM

Instrument : JSVGCECD2 Channel : B A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 05:28 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFB006.RAW
Result File : C:\TC4\HP6890\JULY\9GFB006.RST
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFB006.RST
Proc Method : C:\TC4\HP6890\8011B9ES from C:\TC4\HP6890\JULY\9GFB006.RST
Calib Method : C:\TC4\HP6890\8011B9ES from C:\TC4\HP6890\JULY\9GFB006.RST
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR B) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011b9es on 05/24/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

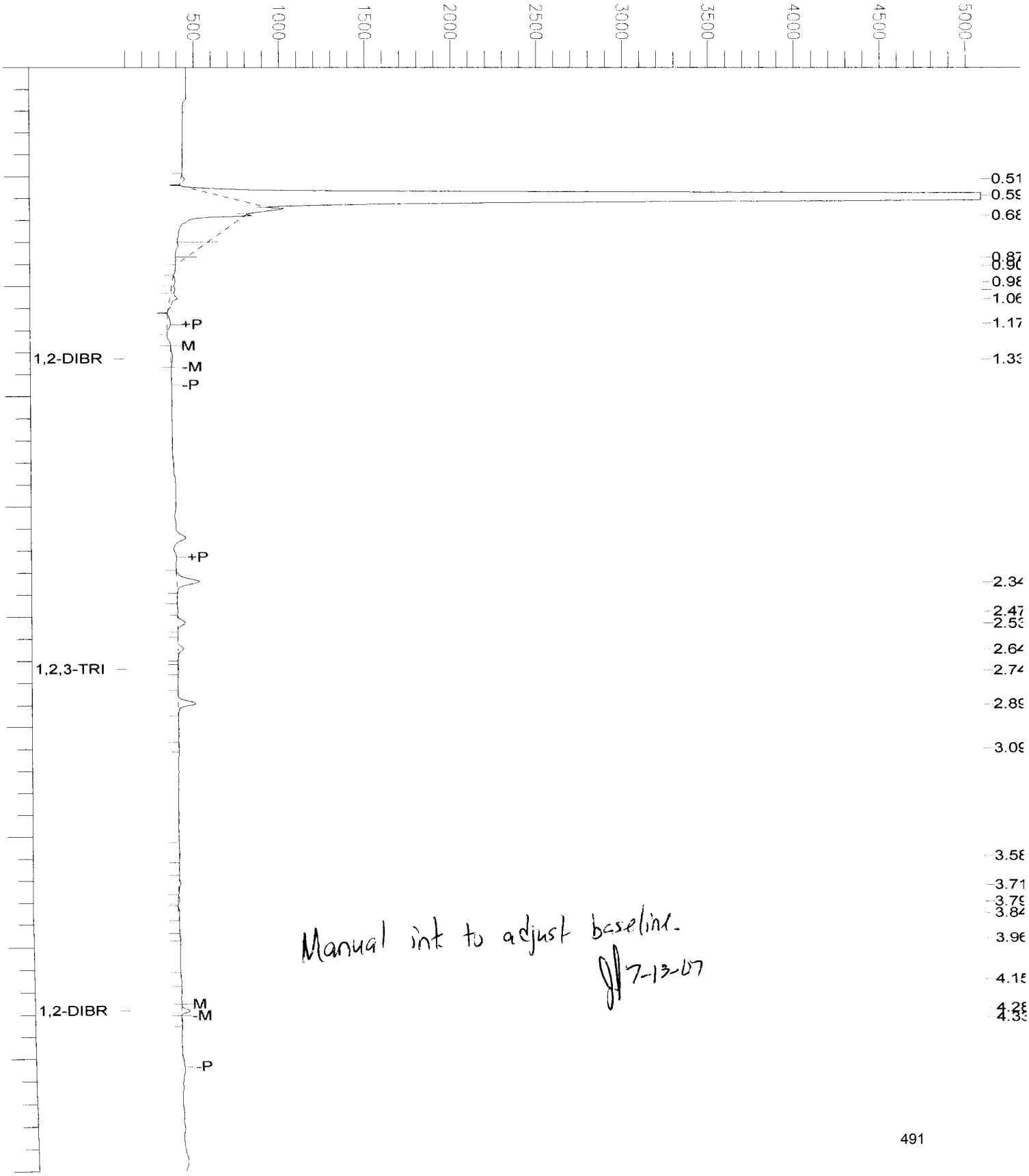
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
10	1.331	1,2-Dibromoethane	29356.70	0.0464	0.0464
15	2.738	1,2,3-Trichloropropane	2946.47	0.0298	0.0298
0	3.358	1,3-Dichlorobenzene	0.00	0.0000	0.0000
24	4.282	1,2-Dibromo-3-chloropropane	57282.77	0.0585	0.0585
			89585.94	0.1346	0.1346

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFB006.TX0

Chromatogram

Sample Name : BA00961-CAL1
FileName : C:\TC4\HP6890\JULY\9GFB006.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 88 mV

Sample #: 6 Page 1 of 1
Date : 7/12/07 04:33 PM
Time of Injection: 7/11/07 05:28 PM
Low Point : 87.88 mV High Point : 5087.88 mV
Plot Scale: 5000.0 mV



Manual int to adjust baseline.
JJ 7-13-07

Software Version: 4.1<1L22>
Sample Name : BA00961-CAL1 Time : 7/12/07 04:33 PM
Sample Number: 6 Study : .02ug/L-B7G0060
Operator : GGM

Instrument : JSVGCECD2 Channel : A A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 05:28 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFA006A.RAW
Result File : C:\TC4\HP6890\JULY\9GFA006A.RST
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFA006A.RST
Proc Method : C:\TC4\HP6890\8011A9ES from C:\TC4\HP6890\JULY\9GFA006A.RST
Calib Method : C:\TC4\HP6890\8011A9ES from C:\TC4\HP6890\JULY\9GFA006A.RST
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9es on 05/24/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

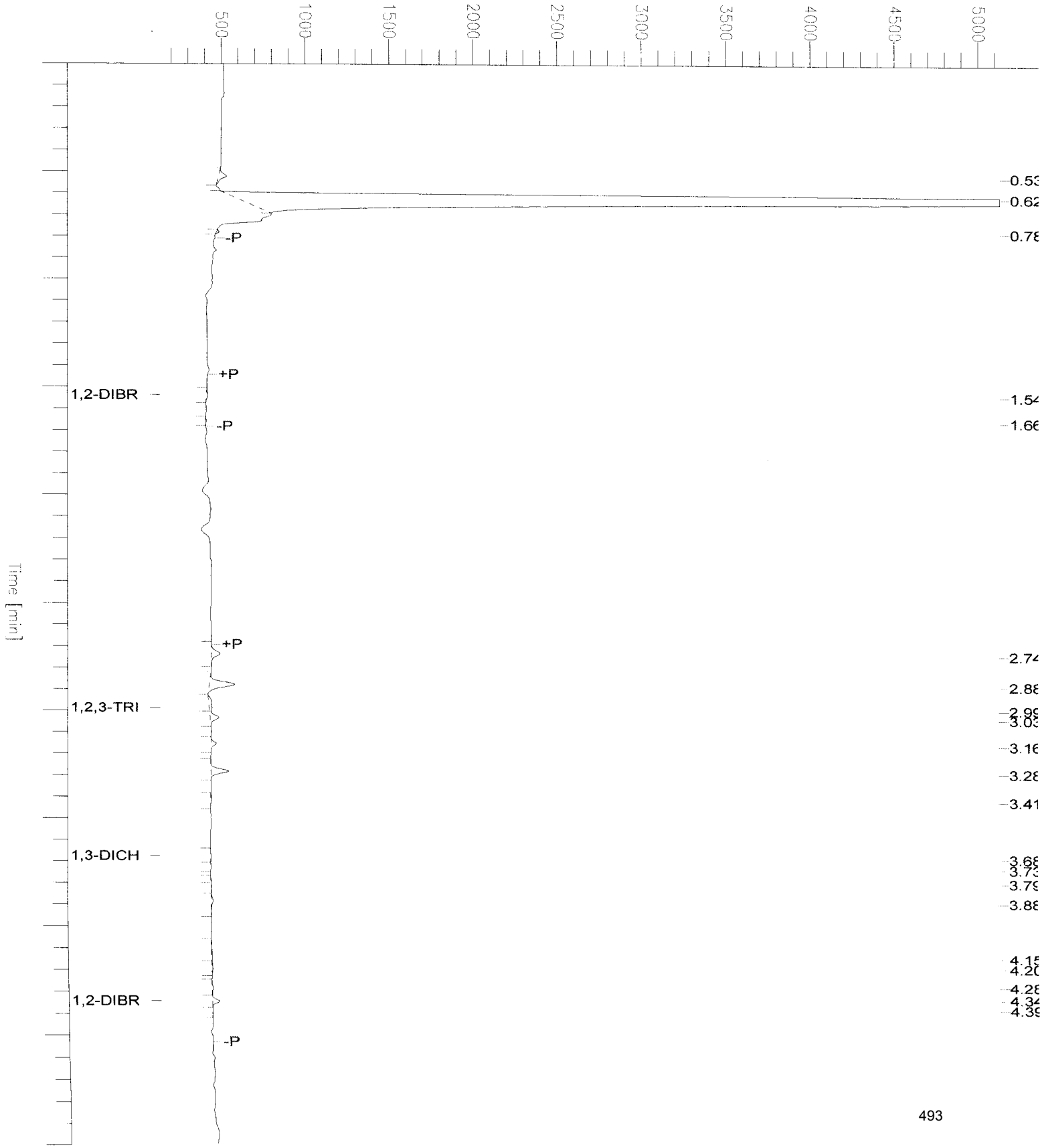
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
4	1.541	1,2-Dibromoethane [2C]	15115.22	0.0097	0.0097
8	2.989	1,2,3-Trichloropropane [2C]	64227.58	0.3226	0.3226
13	3.677	1,3-Dichlorobenzene [2C]	5901.30	0.0943	0.0943
20	4.344	1,2-Dibromo-3-chloropropane [2	50662.83	0.0351	0.0351
			135906.94	0.4616	0.4616

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFA006A.TX0

Chromatogram

Sample Name : BA00961-CAL1
FileName : C:\TC4\HP6890\JULY\9GFA006A.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 130 mV

Sample #: 6
Date : 7/12/07 04:33 PM
Time of Injection: 7/11/07 05:28 PM
Low Point : 130.36 mV High Point : 5130.36 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : BA00961-CAL2 Time : 7/12/07 02:23 PM
Sample Number: 7 Study : .05ug/L-B7G0059
Operator : GGM

Instrument : JSVGCECD2 Channel : A A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 04:42 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFA007.RAW
Result File : C:\TC4\HP6890\JULY\9GFA007.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFA007.rst
Proc Method : C:\TC4\HP6890\8011A9ES from C:\TC4\HP6890\JULY\9GFA007.rst
Calib Method : C:\TC4\HP6890\8011A9ES from C:\TC4\HP6890\JULY\9GFA007.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9es on 05/24/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

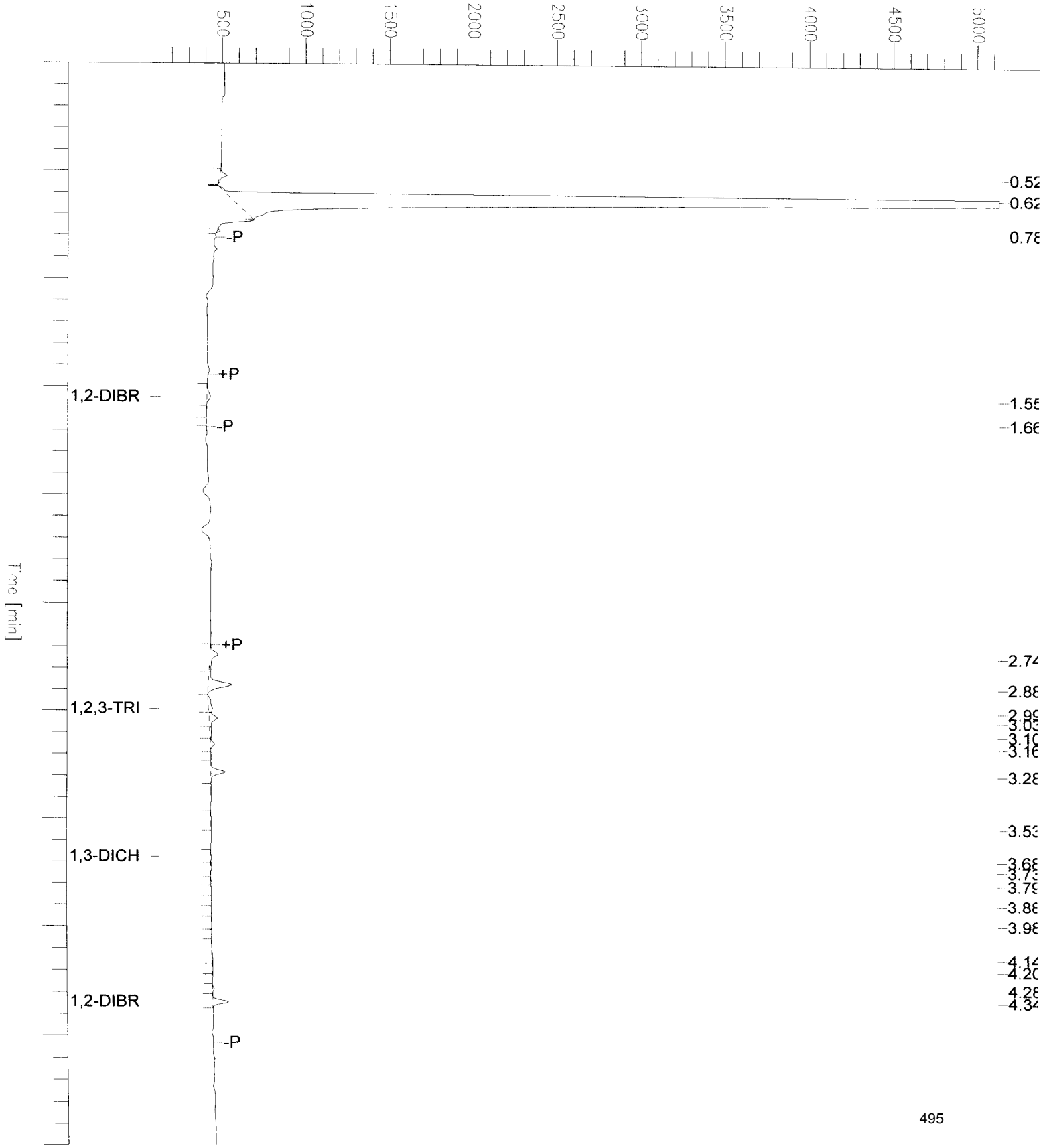
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
4	1.549	1,2-Dibromoethane [2C]	48490.16	0.0544	0.0544
8	2.991	1,2,3-Trichloropropane [2C]	80441.46	0.4040	0.4040
14	3.676	1,3-Dichlorobenzene [2C]	6762.77	0.1066	0.1066
22	4.344	1,2-Dibromo-3-chloropropane [2	107861.95	0.0747	0.0747
			243556.34	0.6398	0.6398

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFA007.TX0

Chromatogram

Sample Name : BA00961-CAL2
FileName : G:\TC4\HP6890\JULY\9GFA007.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 130 mV

Sample #: 7
Date : 7/17/07 05:05 PM
Time of Injection: 7/11/07 04:42 PM
Low Point : 130.11 mV High Point : 5130.11 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : BA00961-CAL2 Time : 7/12/07 02:23 PM
Sample Number: 7 Study : .05ug/L-B7G0059
Operator : GGM

Instrument : JSVGCECD2 Channel : B A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 05:39 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFB007.RAW
Result File : C:\TC4\HP6890\JULY\9GFB007.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFB007.rst
Proc Method : C:\TC4\HP6890\8011B9ES from C:\TC4\HP6890\JULY\9GFB007.rst
Calib Method : C:\TC4\HP6890\8011B9ES from C:\TC4\HP6890\JULY\9GFB007.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

==========
PRIMARY COLUMN (DETECTOR B) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011b9es on 05/24/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
8	1.334	1,2-Dibromoethane	65876.14	0.1041	0.1041
13	2.739	1,2,3-Trichloropropane	10853.58	0.1096	0.1096
0	3.358	1,3-Dichlorobenzene	0.00	0.0000	0.0000
19	4.283	1,2-Dibromo-3-chloropropane	117633.22	0.1201	0.1201
			194362.95	0.3338	0.3338

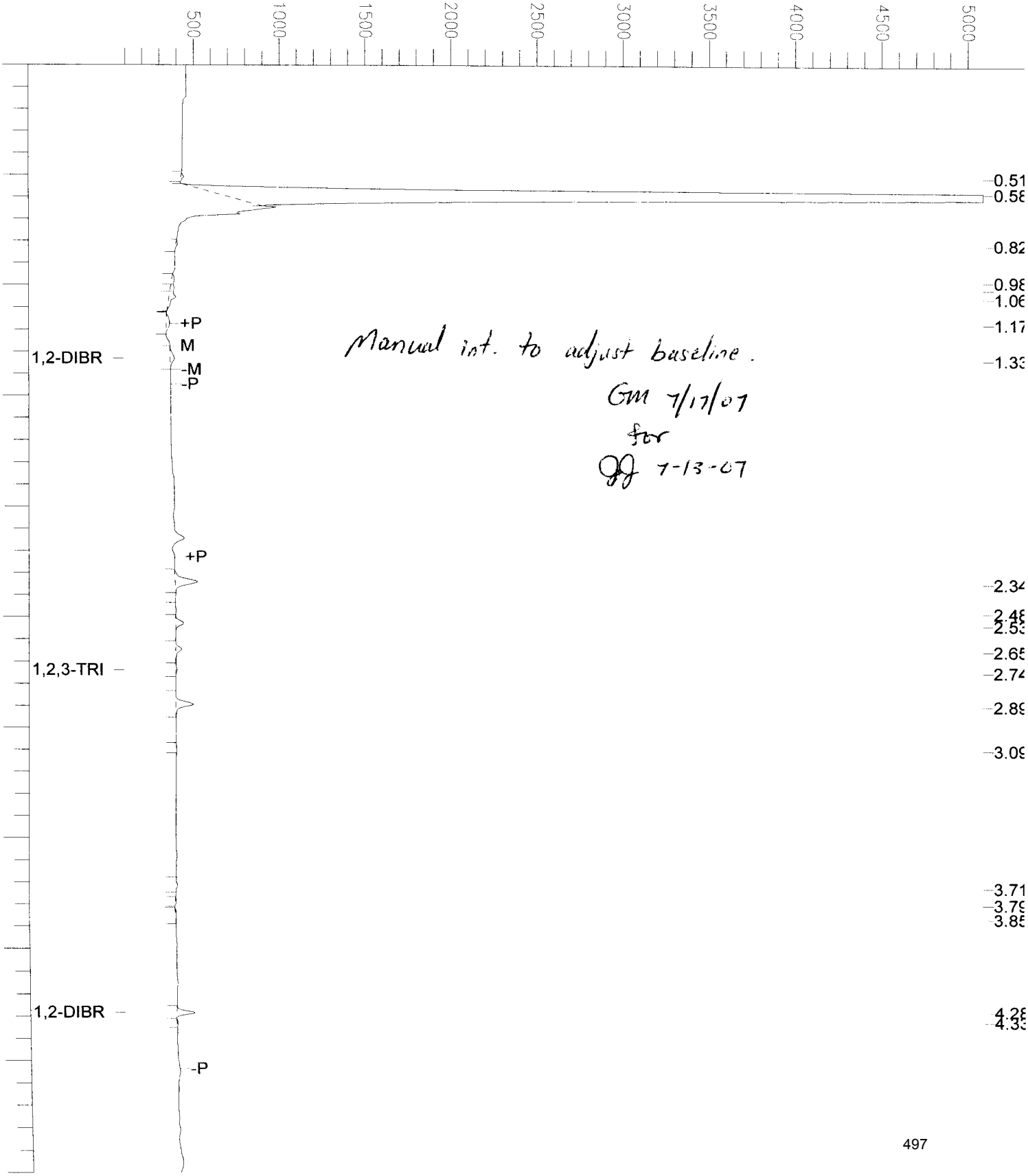
==========
==========

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFB007.TX0

Chromatogram

Sample Name : BA00961-CAL2
FileName : G:\TC4\HP6890\JULY\9GFB007.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 89 mV

Sample #: 7
Date : 7/17/07 05:05 PM
Time of Injection: 7/11/07 05:39 PM
Low Point : 88.60 mV High Point : 5088.60 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : BA00961-CAL3 Time : 7/12/07 02:23 PM
Sample Number: 8 Study : .1ug/L-B7G0058
Operator : GGM

Instrument : JSVGCECD2 Channel : A A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 04:54 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFA008.RAW
Result File : C:\TC4\HP6890\JULY\9GFA008.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFA008.rst
Proc Method : C:\TC4\HP6890\8011A9ES from C:\TC4\HP6890\JULY\9GFA008.rst
Calib Method : C:\TC4\HP6890\8011A9ES from C:\TC4\HP6890\JULY\9GFA008.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9es on 05/24/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

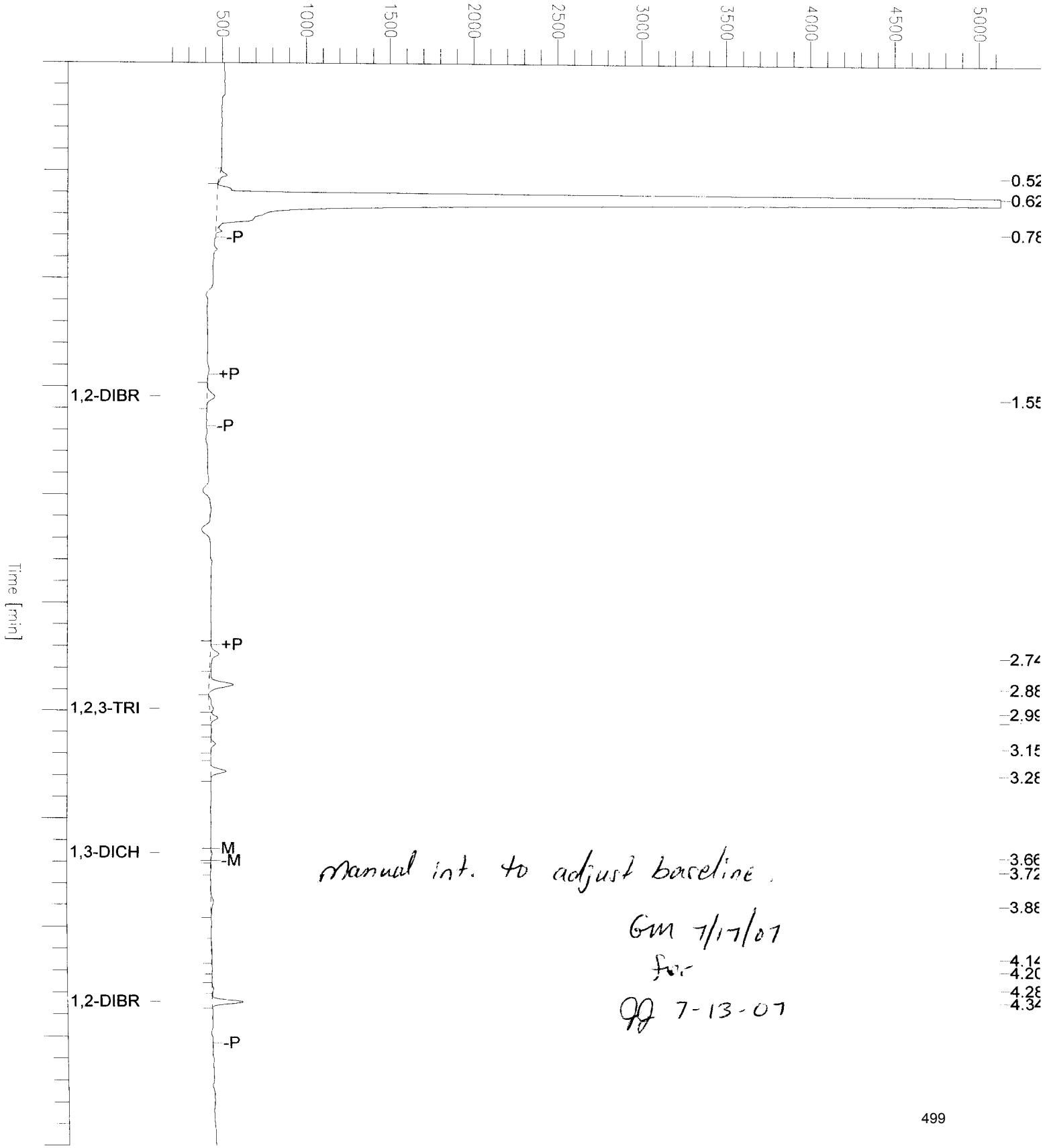
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
4	1.548	1,2-Dibromoethane [2C]	104973.60	0.1301	0.1301
7	2.991	1,2,3-Trichloropropane [2C]	67996.28	0.3415	0.3415
11	3.659	1,3-Dichlorobenzene [2C]	12534.81	0.1896	0.1896
17	4.343	1,2-Dibromo-3-chloropropane [2	221745.00	0.1536	0.1536
			407249.69	0.8148	0.8148

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFA008.TX0

Chromatogram

Sample Name : BA00961-CAL3
FileName : G:\TC4\HP6890\JULY\9GFA008.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 129 mV

Sample #: 8
Date : 7/17/07 05:09 PM
Time of Injection: 7/11/07 04:54 PM
Low Point : 129.42 mV High Point : 5129.42 mV
Plot Scale: 5000.0 mV



manual int. to adjust baseline.

GM 7/17/07
for
JJ 7-13-07

Software Version: 4.1<1L22>
Sample Name : BA00961-CAL3 Time : 7/12/07 02:24 PM
Sample Number: 8 Study : .1ug/L-B7G0058
Operator : GGM

Instrument : JSVGCECD2 Channel : B A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 05:50 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFB008.RAW
Result File : C:\TC4\HP6890\JULY\9GFB008.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFB008.rst
Proc Method : C:\TC4\HP6890\8011B9ES from C:\TC4\HP6890\JULY\9GFB008.rst
Calib Method : C:\TC4\HP6890\8011B9ES from C:\TC4\HP6890\JULY\9GFB008.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR B) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011b9es on 05/24/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

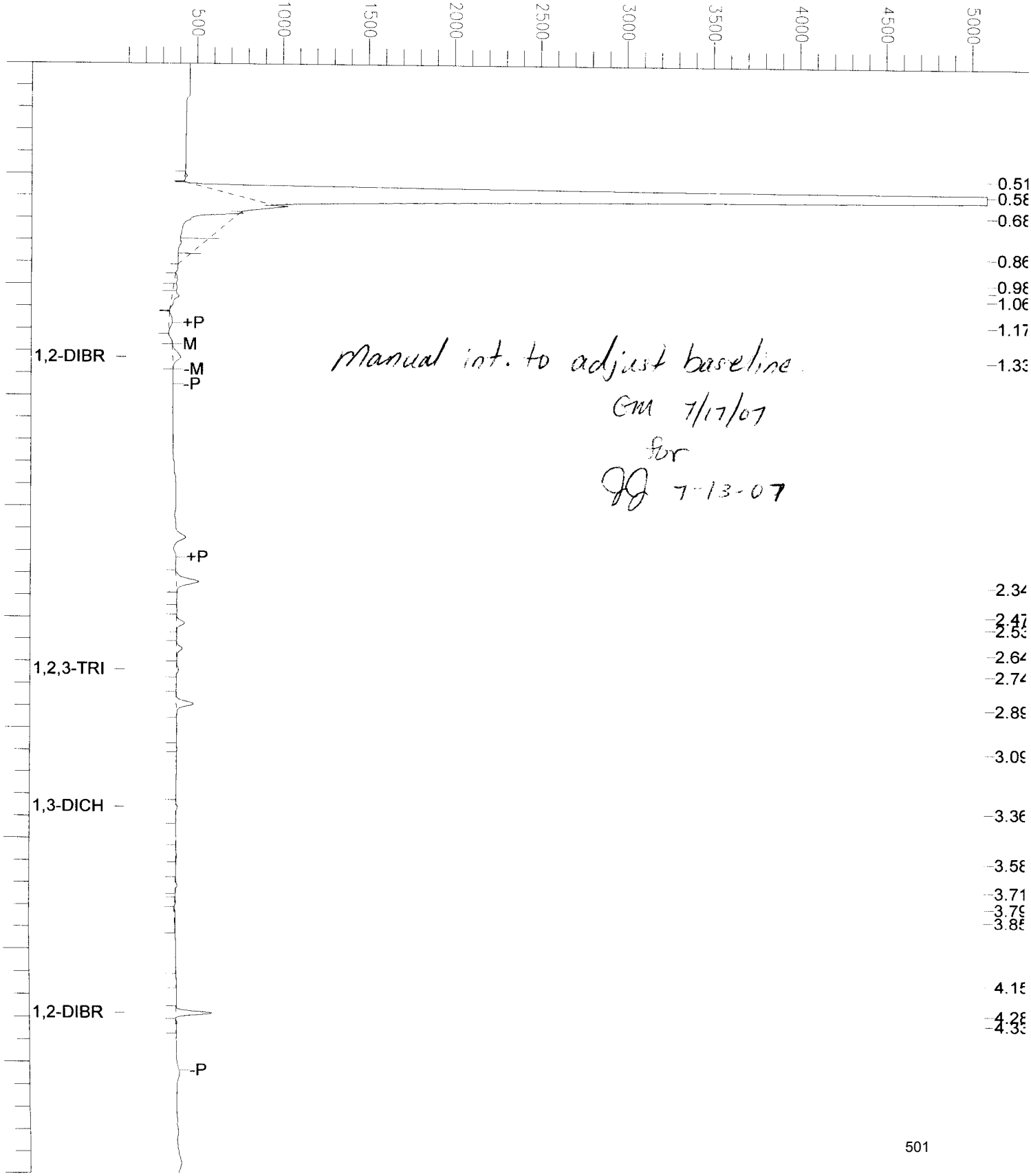
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
10	1.330	1,2-Dibromoethane	127858.86	0.2021	0.2021
15	2.738	1,2,3-Trichloropropane	21475.65	0.2169	0.2169
18	3.357	1,3-Dichlorobenzene	16273.40	0.3005	0.3005
24	4.282	1,2-Dibromo-3-chloropropane	231915.51	0.2367	0.2367
			397523.43	0.9562	0.9562

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFB008.TX0

Chromatogram

Sample Name : BA00961-CAL3
FileName : G:\TC4\HP6890\JULY\9GFB008.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 88 mV

Sample #: 8
Date : 7/17/07 05:08 PM
Time of Injection: 7/11/07 05:50 PM
Low Point : 88.50 mV High Point : 5088.50 mV
Plot Scale: 5000.0 mV



Manual int. to adjust baseline
GM 7/17/07
for
JJ 7-13-07

Software Version: 4.1<1L22>
Sample Name : BA00961-CAL4
Sample Number: 9
Operator : GGM

Time : 7/12/07 02:24 PM
Study : .25ug/L-B7G0057

Instrument : JSVGCECD2
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 10000

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 05:05 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFA009.RAW
Result File : C:\TC4\HP6890\JULY\9GFA009.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFA009.rst
Proc Method : C:\TC4\HP6890\8011A9ES from C:\TC4\HP6890\JULY\9GFA009.rst
Calib Method : C:\TC4\HP6890\8011A9ES from C:\TC4\HP6890\JULY\9GFA009.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9es on 05/24/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

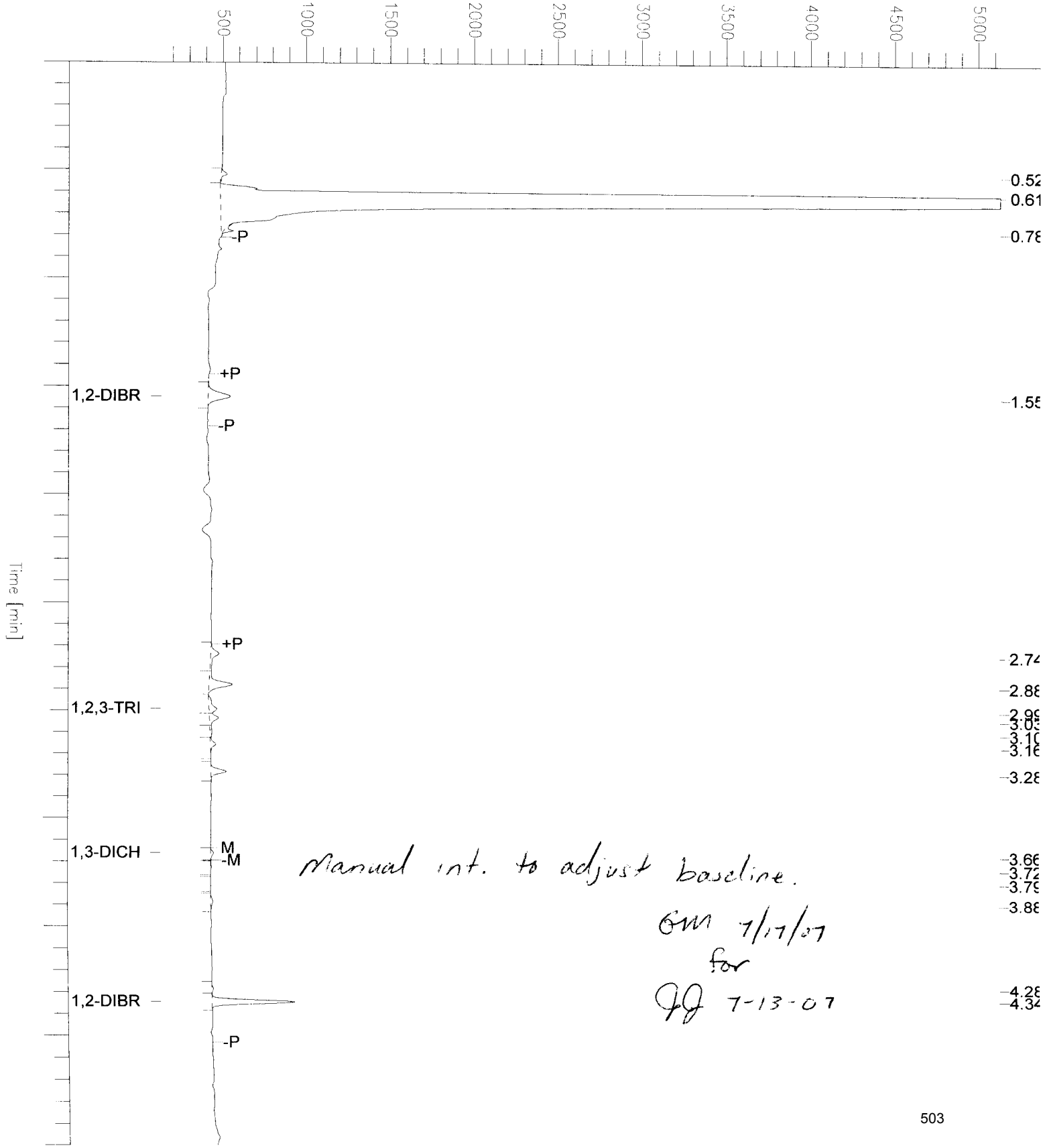
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
4	1.549	1,2-Dibromoethane [2C]	301039.37	0.3927	0.3927
7	2.991	1,2,3-Trichloropropane [2C]	117668.33	0.5910	0.5910
12	3.660	1,3-Dichlorobenzene [2C]	23058.09	0.3410	0.3410
17	4.344	1,2-Dibromo-3-chloropropane [2	600463.36	0.4160	0.4160
			1042229.16	1.7407	1.7407

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFA009.TX0

Chromatogram

Sample Name : BA00961-CAL4
FileName : G:\TC4\HP6890\JULY\9GFA009.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 130 mV

Sample #: 9
Date : 7/17/07 05:09 PM
Time of Injection: 7/11/07 05:05 PM
Low Point : 130.26 mV High Point : 5130.26 mV
Plot Scale: 5000.0 mV



Manual int. to adjust baseline.
GM 7/17/07
for
JJ 7-13-07

Software Version: 4.1<1L22>
Sample Name : BA00961-CAL4 Time : 7/12/07 02:24 PM
Sample Number: 9 Study : .25ug/L-B7G0057
Operator : GGM

Instrument : JSVGCECD2 Channel : B A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 06:01 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFB009.RAW
Result File : C:\TC4\HP6890\JULY\9GFB009.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFB009.rst
Proc Method : C:\TC4\HP6890\8011B9ES from C:\TC4\HP6890\JULY\9GFB009.rst
Calib Method : C:\TC4\HP6890\8011B9ES from C:\TC4\HP6890\JULY\9GFB009.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR B) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011b9es on 05/24/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

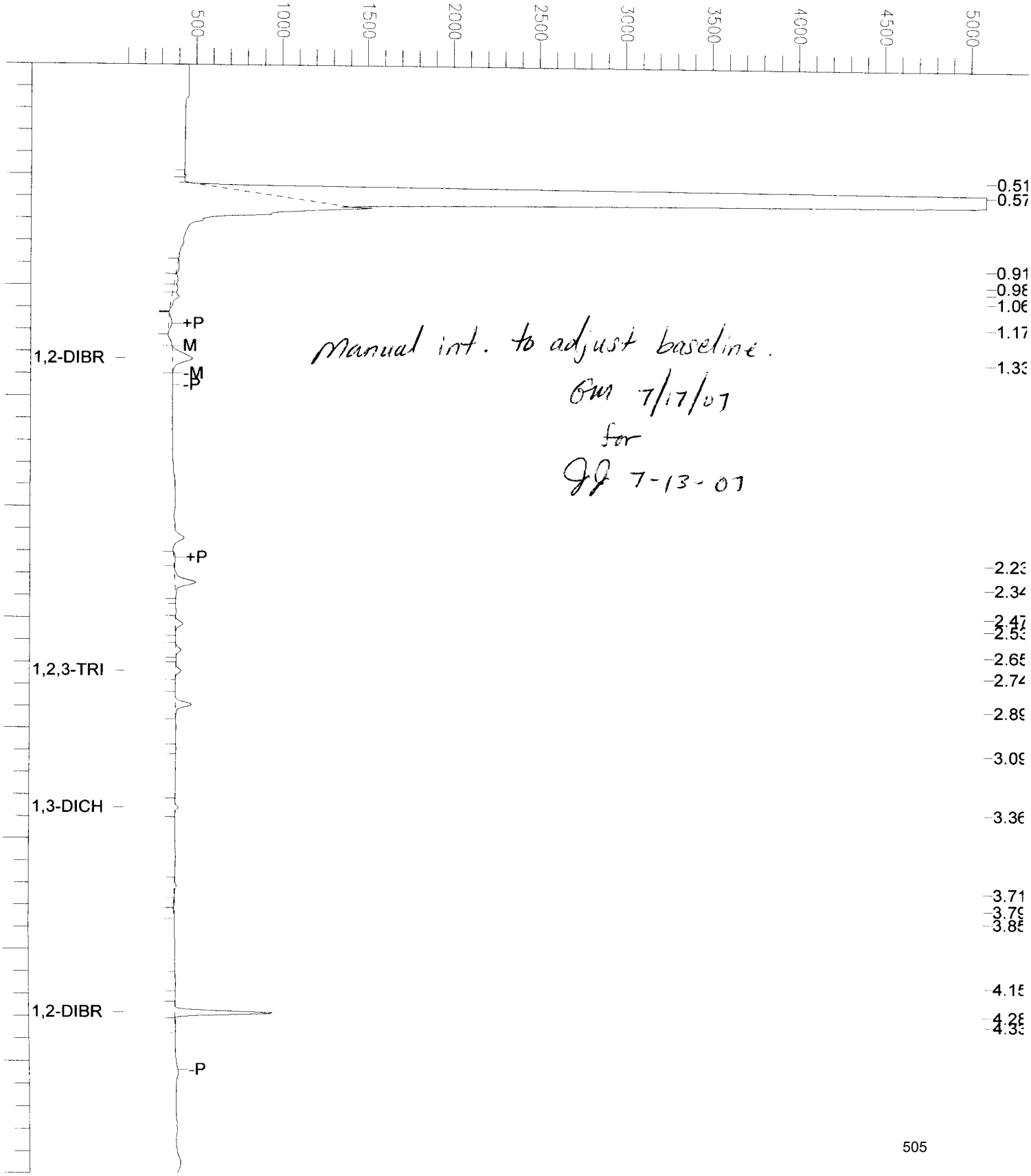
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
8	1.333	1,2-Dibromoethane	327560.02	0.5177	0.5177
14	2.740	1,2,3-Trichloropropane	48792.61	0.4928	0.4928
17	3.358	1,3-Dichlorobenzene	26959.91	0.4979	0.4979
22	4.282	1,2-Dibromo-3-chloropropane	641890.32	0.6551	0.6551
			1045202.86	2.1635	2.1635

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFB009.TX0

Chromatogram

Sample Name : BA00961-CAL4
FileName : G:\TC4\HP6890\JULY\9GFB009.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 91 mV

Sample #: 9
Date : 7/17/07 05:08 PM
Time of Injection: 7/11/07 06:01 PM
Low Point : 90.95 mV High Point : 5090.95 mV
Plot Scale: 5000.0 mV



Manual int. to adjust baseline.
GW 7/17/07
for
JJ 7-13-07

Software Version: 4.1<1L22>
Sample Name : BA00961-CAL5 Time : 7/12/07 02:24 PM
Sample Number: 10 Study : .5ug/L-B7G0056
Operator : GGM

Instrument : JSVGCECD2 Channel : A A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 06:13 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFA010.RAW
Result File : C:\TC4\HP6890\JULY\9GFA010.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFA010.rst
Proc Method : C:\TC4\HP6890\8011A9ES from C:\TC4\HP6890\JULY\9GFA010.rst
Calib Method : C:\TC4\HP6890\8011A9ES from C:\TC4\HP6890\JULY\9GFA010.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

==========
PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9es on 05/24/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
4	1.550	1,2-Dibromoethane [2C]	592964.49	0.7838	0.7838
7	2.992	1,2,3-Trichloropropane [2C]	158053.72	0.7938	0.7938
14	3.660	1,3-Dichlorobenzene [2C]	55180.03	0.8029	0.8029
21	4.345	1,2-Dibromo-3-chloropropane [2	1169535.65	0.8103	0.8103
			1975733.89	3.1908	3.1908

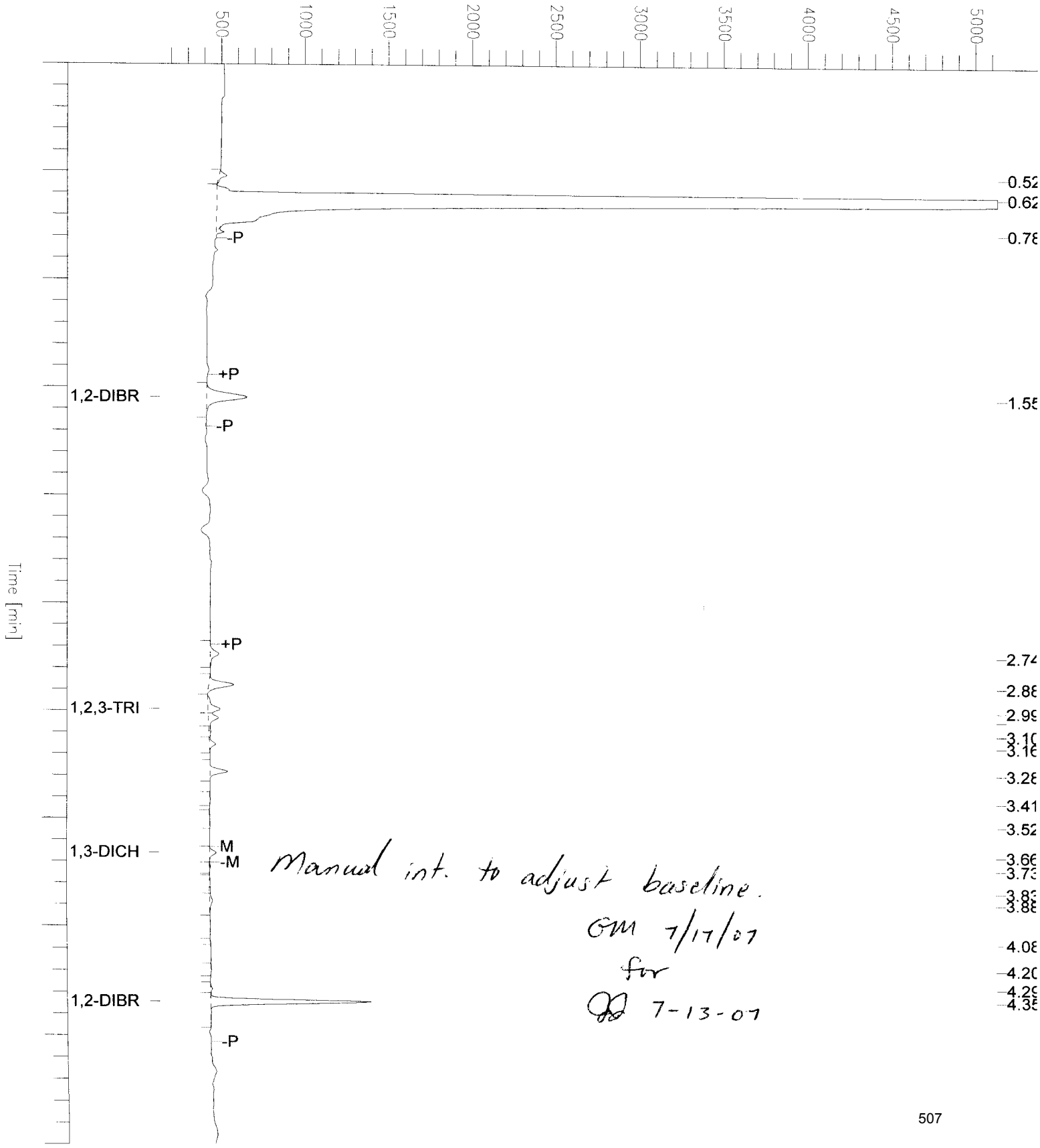
==========
==========

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFA010.TX0

Chromatogram

Sample Name : BA00961-CAL5
FileName : G:\TC4\HP6890\JULY\9GFA010.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 131 mV

Sample #: 10
Date : 7/17/07 05:09 PM
Time of Injection: 7/11/07 06:13 PM
Low Point : 131.23 mV High Point : 5131.23 mV
Plot Scale: 5000.0 mV



Manual int. to adjust baseline.
GM 7/17/07
for
7-13-07

Software Version: 4.1<1L22>
Sample Name : BA00961-CAL5 Time : 7/12/07 02:24 PM
Sample Number: 10 Study : .5ug/L-B7G0056
Operator : GGM

Instrument : JSVGCECD2 Channel : B A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 06:13 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFB010.RAW
Result File : C:\TC4\HP6890\JULY\9GFB010.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFB010.rst
Proc Method : C:\TC4\HP6890\8011B9ES from C:\TC4\HP6890\JULY\9GFB010.rst
Calib Method : C:\TC4\HP6890\8011B9ES from C:\TC4\HP6890\JULY\9GFB010.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR B) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011b9es on 05/24/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

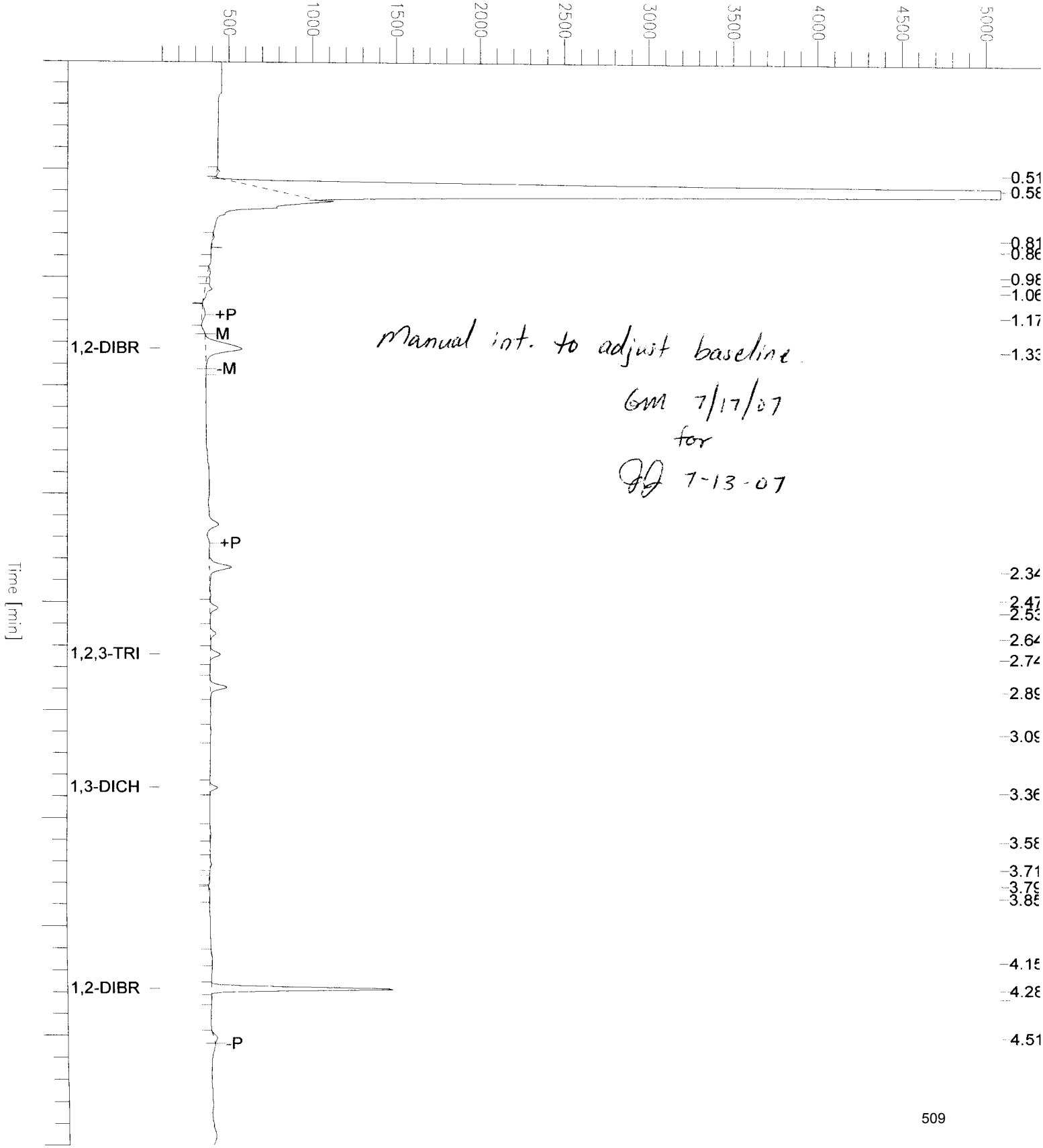
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
9	1.330	1,2-Dibromoethane	630206.45	0.9960	0.9960
14	2.740	1,2,3-Trichloropropane	97869.64	0.9884	0.9884
17	3.358	1,3-Dichlorobenzene	58915.03	1.0881	1.0881
23	4.283	1,2-Dibromo-3-chloropropane	1228432.58	1.2538	1.2538
			2015423.70	4.3262	4.3262

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFB010.TX0

Chromatogram

Sample Name : BA00961-CAL5
FileName : G:\TC4\HP6890\JULY\9GFB010.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 89 mV

Sample #: 10
Date : 7/17/07 05:08 PM
Time of Injection: 7/11/07 06:13 PM
Low Point : 88.95 mV High Point : 5088.95 mV
Plot Scale: 5000.0 mV



Manual int. to adjust baseline.
GM 7/17/07
for
JJ 7-13-07

Software Version: 4.1<1L22>
Sample Name : BA00961-CAL6
Sample Number: 11
Operator : GGM

Time : 7/12/07 02:24 PM
Study : 1.0ug/L-B7G0055

Instrument : JSVGCECD2
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 10000

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 06:24 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFA011.RAW
Result File : C:\TC4\HP6890\JULY\9GFA011.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFA011.rst
Proc Method : C:\TC4\HP6890\8011A9ES from C:\TC4\HP6890\JULY\9GFA011.rst
Calib Method : C:\TC4\HP6890\8011A9ES from C:\TC4\HP6890\JULY\9GFA011.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9es on 05/24/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

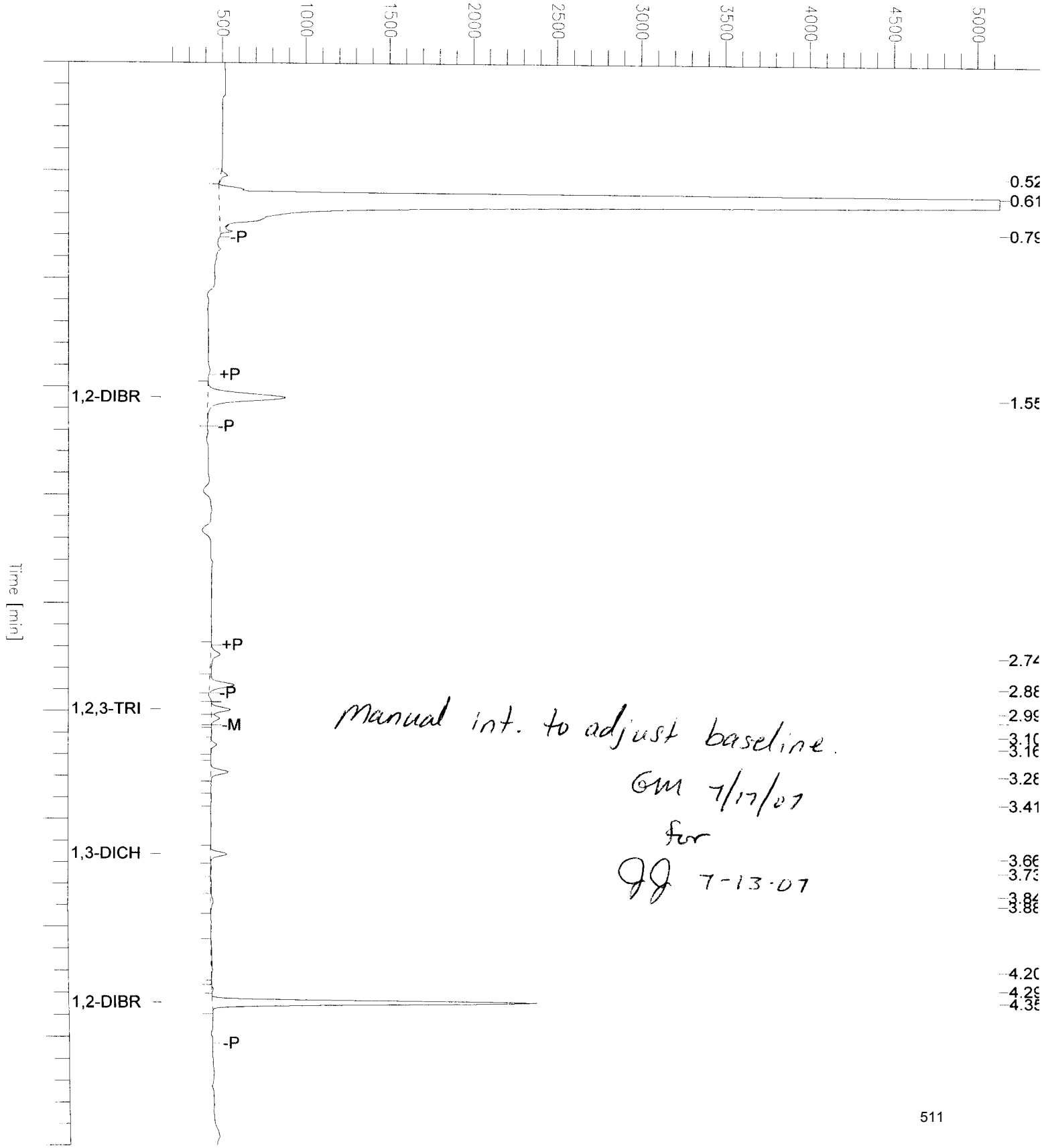
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
4	1.550	1,2-Dibromoethane [2C]	1160232.87	1.5436	1.5436
7	2.992	1,2,3-Trichloropropane [2C]	178091.30	0.8944	0.8944
13	3.660	1,3-Dichlorobenzene [2C]	138224.32	1.9970	1.9970
19	4.345	1,2-Dibromo-3-chloropropane [2	2305732.32	1.5976	1.5976
			3782280.81	6.0327	6.0327

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFA011.TX0

Chromatogram

Sample Name : BA00961-CAL6
FileName : G:\TC4\HP6890\JULY\9GFA011.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 132 mV

Sample #: 11
Date : 7/17/07 05:09 PM
Time of Injection: 7/11/07 06:24 PM
Low Point : 131.65 mV High Point : 5131.65 mV
Plot Scale: 5000.0 mV



Manual int. to adjust baseline.
GM 7/17/07
for
JJ 7-13-07

Software Version: 4.1<1L22>
Sample Name : BA00961-CAL6 Time : 7/12/07 02:24 PM
Sample Number: 11 Study : 1.0ug/L-B7G0055
Operator : GGM

Instrument : JSVGCECD2 Channel : B A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 06:24 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFB011.RAW
Result File : C:\TC4\HP6890\JULY\9GFB011.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFB011.rst
Proc Method : C:\TC4\HP6890\8011B9ES from C:\TC4\HP6890\JULY\9GFB011.rst
Calib Method : C:\TC4\HP6890\8011B9ES from C:\TC4\HP6890\JULY\9GFB011.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR B) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011b9es on 05/24/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

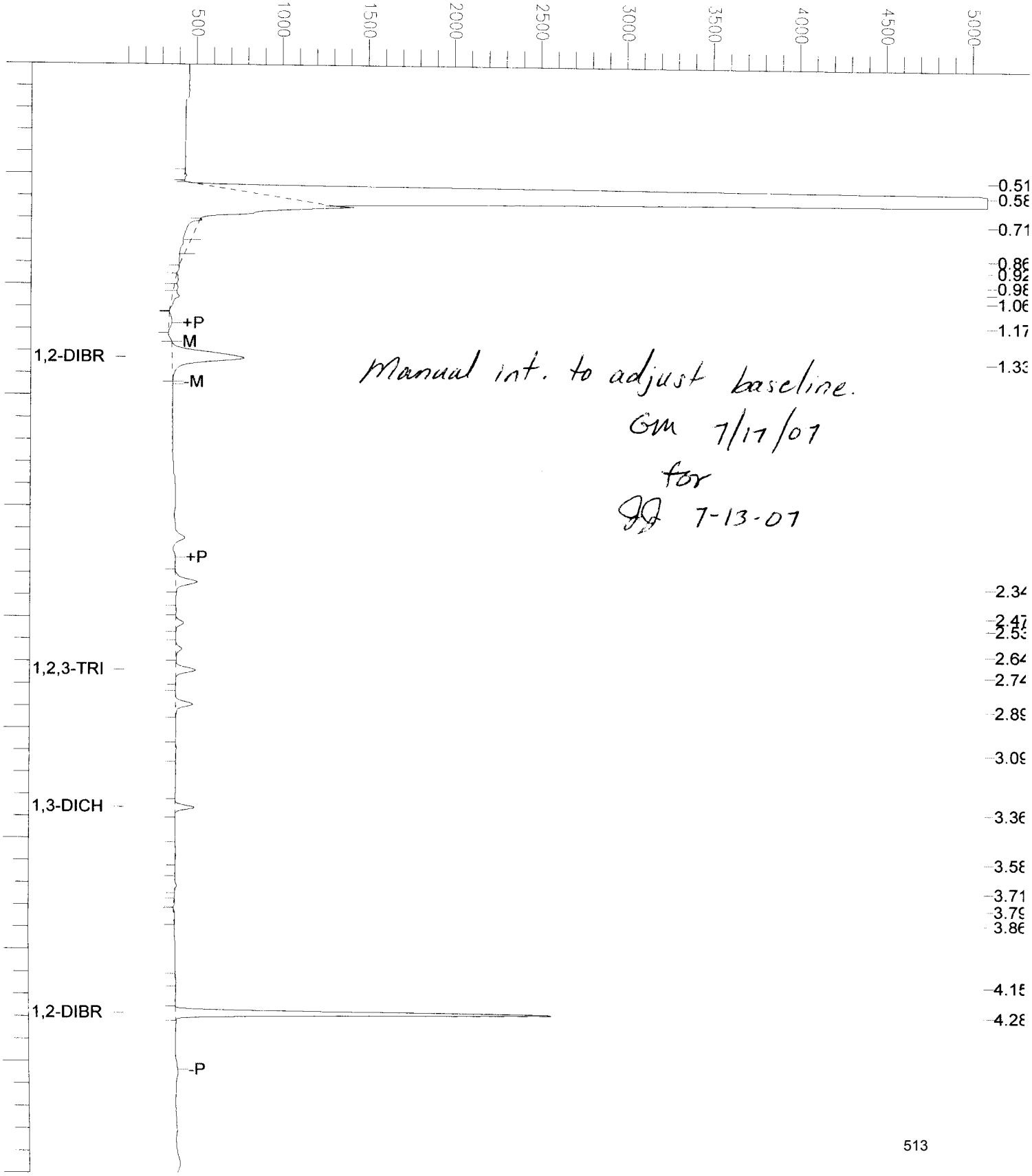
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
10	1.331	1,2-Dibromoethane	1239450.34	1.9589	1.9589
15	2.739	1,2,3-Trichloropropane	188530.15	1.9040	1.9040
18	3.358	1,3-Dichlorobenzene	147243.16	2.7193	2.7193
24	4.283	1,2-Dibromo-3-chloropropane	2494025.51	2.5455	2.5455
			4069249.17	9.1277	9.1277

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFB011.TX0

Chromatogram

Sample Name : BA00961-CAL6
FileName : G:\TC4\HP6890\JULY\9GFB011.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 90 mV

Sample #: 11
Date : 7/17/07 05:08 PM
Time of Injection: 7/11/07 06:24 PM
Low Point : 90.30 mV High Point : 5090.30 mV
Plot Scale: 5000.0 mV



Manual int. to adjust baseline.
GM 7/17/07
for
JJ 7-13-07

Software Version: 4.1<1L22>
Sample Name : BA00961-CAL7
Sample Number: 12
Operator : GGM

Time : 7/12/07 02:24 PM
Study : 2.0ug/L-B7G0054

Instrument : JSVGCECD2
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 10000

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 06:35 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFA012.RAW
Result File : C:\TC4\HP6890\JULY\9GFA012.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFA012.rst
Proc Method : C:\TC4\HP6890\8011A9ES from C:\TC4\HP6890\JULY\9GFA012.rst
Calib Method : C:\TC4\HP6890\8011A9ES from C:\TC4\HP6890\JULY\9GFA012.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9es on 05/24/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

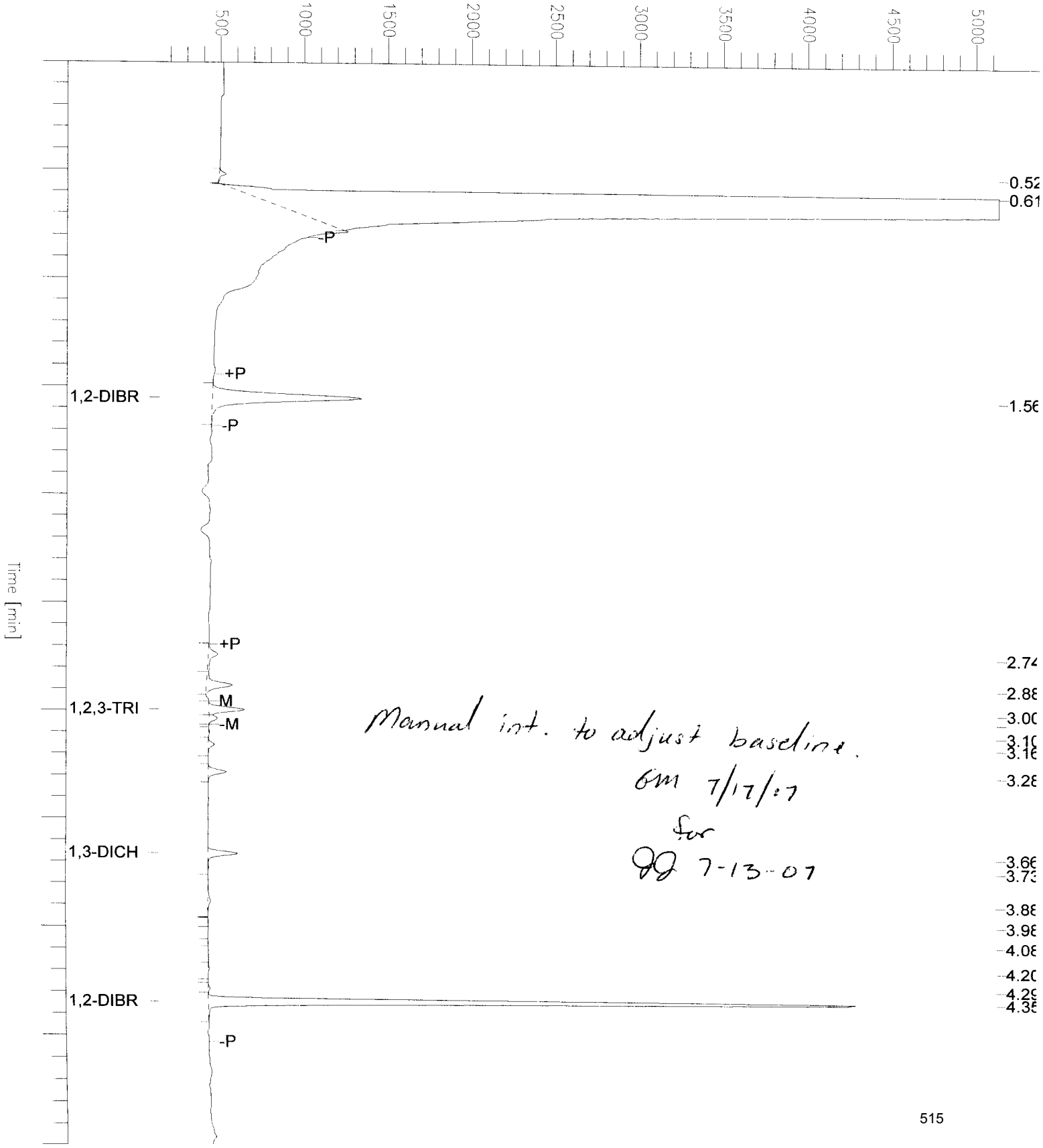
Peak #	Time [min]	Component Name	Area [uV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
3	1.555	1,2-Dibromoethane [2C]	2194378.36	2.9290	2.9290
6	2.995	1,2,3-Trichloropropane [2C]	338311.47	1.6991	1.6991
11	3.662	1,3-Dichlorobenzene [2C]	253800.49	3.6474	3.6474
18	4.347	1,2-Dibromo-3-chloropropane [2	4756330.63	3.2955	3.2955
			7542020.95	11.5710	11.5710

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFA012.TX0

Chromatogram

Sample Name : BA00961-CAL7
FileName : G:\TC4\HP6890\JULY\9GFA012.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 137 mV

Sample #: 12
Date : 7/17/07 05:09 PM
Time of Injection: 7/11/07 06:35 PM
Low Point : 136.89 mV High Point : 5136.89 mV
Plot Scale: 5000.0 mV



Manual int. to adjust baseline.
GM 7/17/07
for
GJ 7-13-07

Software Version: 4.1<1L22>
Sample Name : BA00961-CAL7 Time : 7/12/07 02:24 PM
Sample Number: 12 Study : 2.0ug/L-B7G0054
Operator : GGM

Instrument : JSVGCECD2 Channel : B A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 06:35 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFB012.RAW
Result File : C:\TC4\HP6890\JULY\9GFB012.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFB012.rst
Proc Method : C:\TC4\HP6890\8011B9ES from C:\TC4\HP6890\JULY\9GFB012.rst
Calib Method : C:\TC4\HP6890\8011B9ES from C:\TC4\HP6890\JULY\9GFB012.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR B) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011b9es on 05/24/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

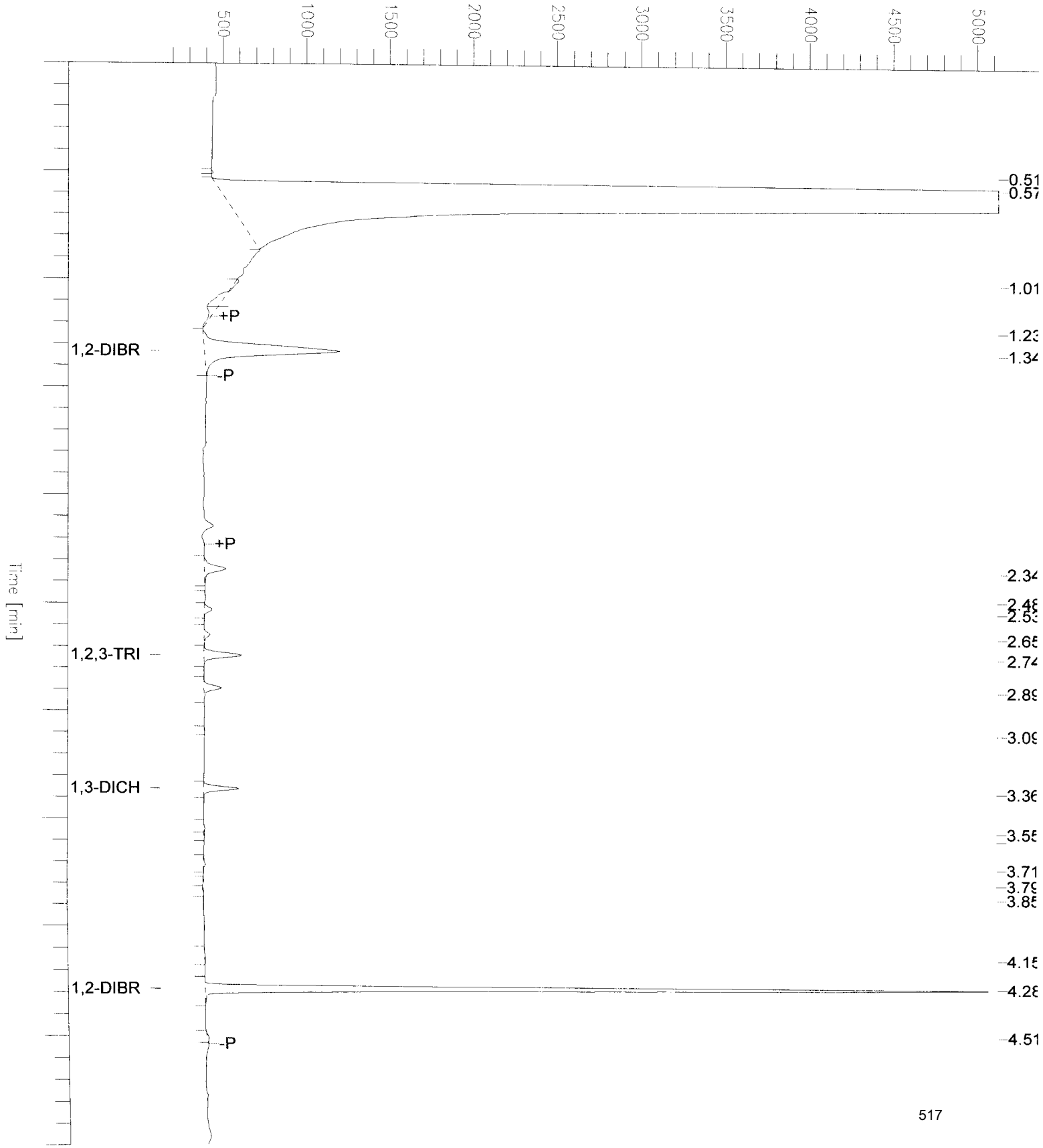
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
5	1.336	1,2-Dibromoethane	2474584.80	3.9109	3.9109
10	2.742	1,2,3-Trichloropropane	362696.03	3.6629	3.6629
13	3.360	1,3-Dichlorobenzene	274994.01	5.0787	5.0787
20	4.284	1,2-Dibromo-3-chloropropane	5186003.50	5.2930	5.2930
			8298278.34	17.9455	17.9455

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFB012.TX0

Chromatogram

Sample Name : BA00961-CAL7
FileName : G:\TC4\HP6890\JULY\9GFB012.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 128 mV

Sample #: 12
Date : 7/17/07 05:08 PM
Time of Injection: 7/11/07 06:35 PM
Low Point : 128.22 mV High Point : 5128.22 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : BA00961-ICV1 Time : 7/13/07 01:47 PM
Sample Number: 20 Study : 8011 WATER
Operator : GGM

Instrument : JSVGCECD2 Channel : B A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 08:06 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFB020.RAW
Result File : C:\TC4\HP6890\JULY\9GFB020.RST
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFB020.RST
Proc Method : C:\TC4\HP6890\8011B9GF.mth
Calib Method : C:\TC4\HP6890\8011B9GF.mth
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR B) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011b9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

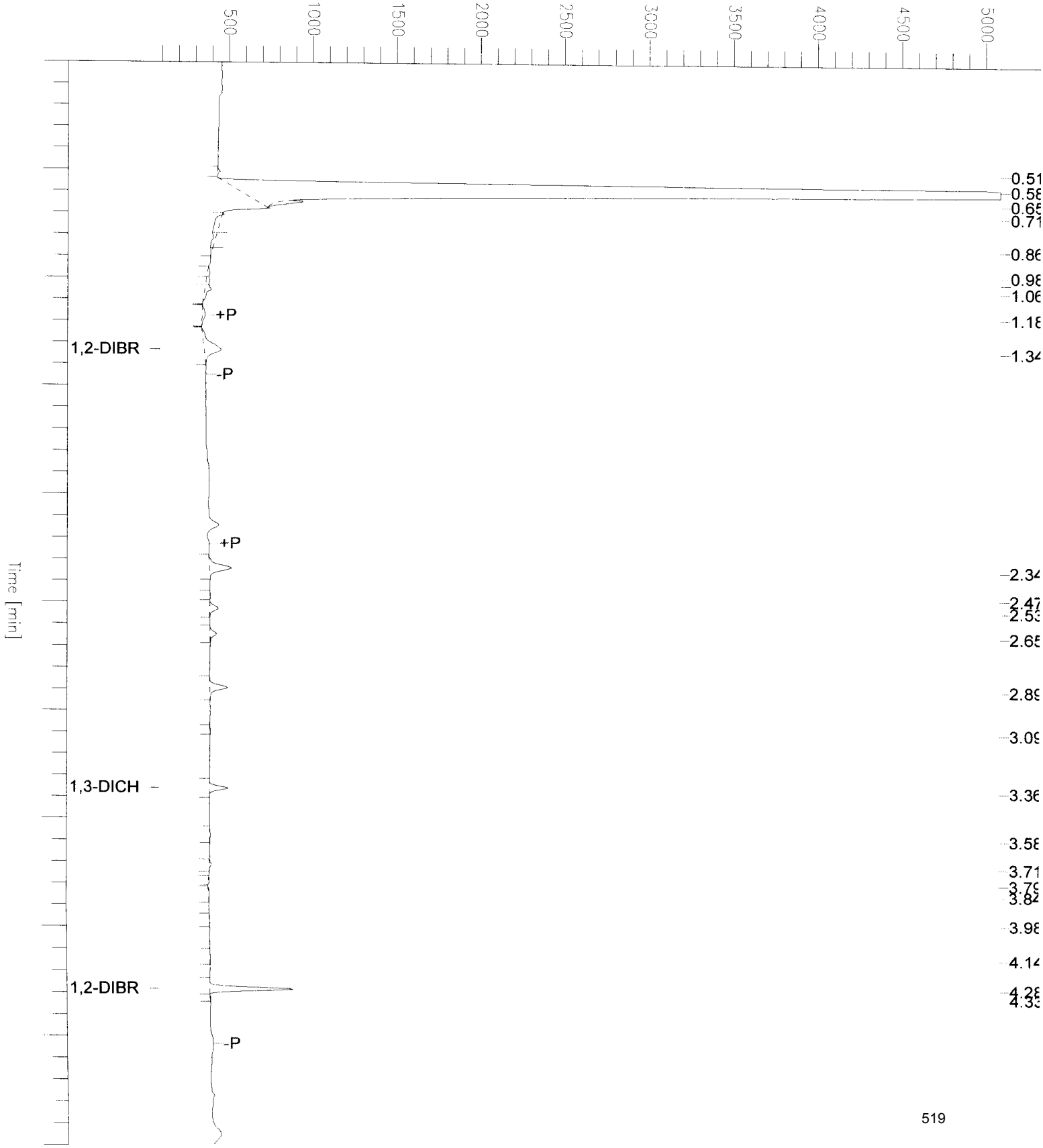
Peak #	Time [min]	Component Name	Area [µV*s]	Concentration [ug/L]	Adjusted Concentration ug/L
11	1.336	1,2-Dibromoethane	387057.14	0.1721	0.1721
9	2.739	1,2,3-Trichloropropane	0.00	0.0000	0.0000
16	3.389	1,3-Dichlorobenzene	1443[illegible]	1.0722	1.0722
25	4.283	1,2-Dibromo-3-chloropropane	557416.00	0.2211	0.2211
			1058815.44	1.5653	1.5653

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFB020.TX0

Chromatogram

Sample Name : BA00961-ICV1
FileName : G:\TC4\HP6890\JULY\9GFB020.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 88 mV

Sample #: 20
Date : 7/17/07 05:09 PM
Time of Injection: 7/11/07 08:06 PM
Low Point : 88.39 mV High Point : 5088.39 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : BA00961-ICV1
Sample Number: 20
Operator : GGM

Time : 7/13/07 01:47 PM
Study : 8011 WATER

Instrument : JSVGCECD2
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 10000

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 08:06 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFA020.RAW
Result File : C:\TC4\HP6890\JULY\9GFA020.RST
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFA020.RST
Proc Method : C:\TC4\HP6890\8011A9GF.mth
Calib Method : C:\TC4\HP6890\8011A9GF.mth
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

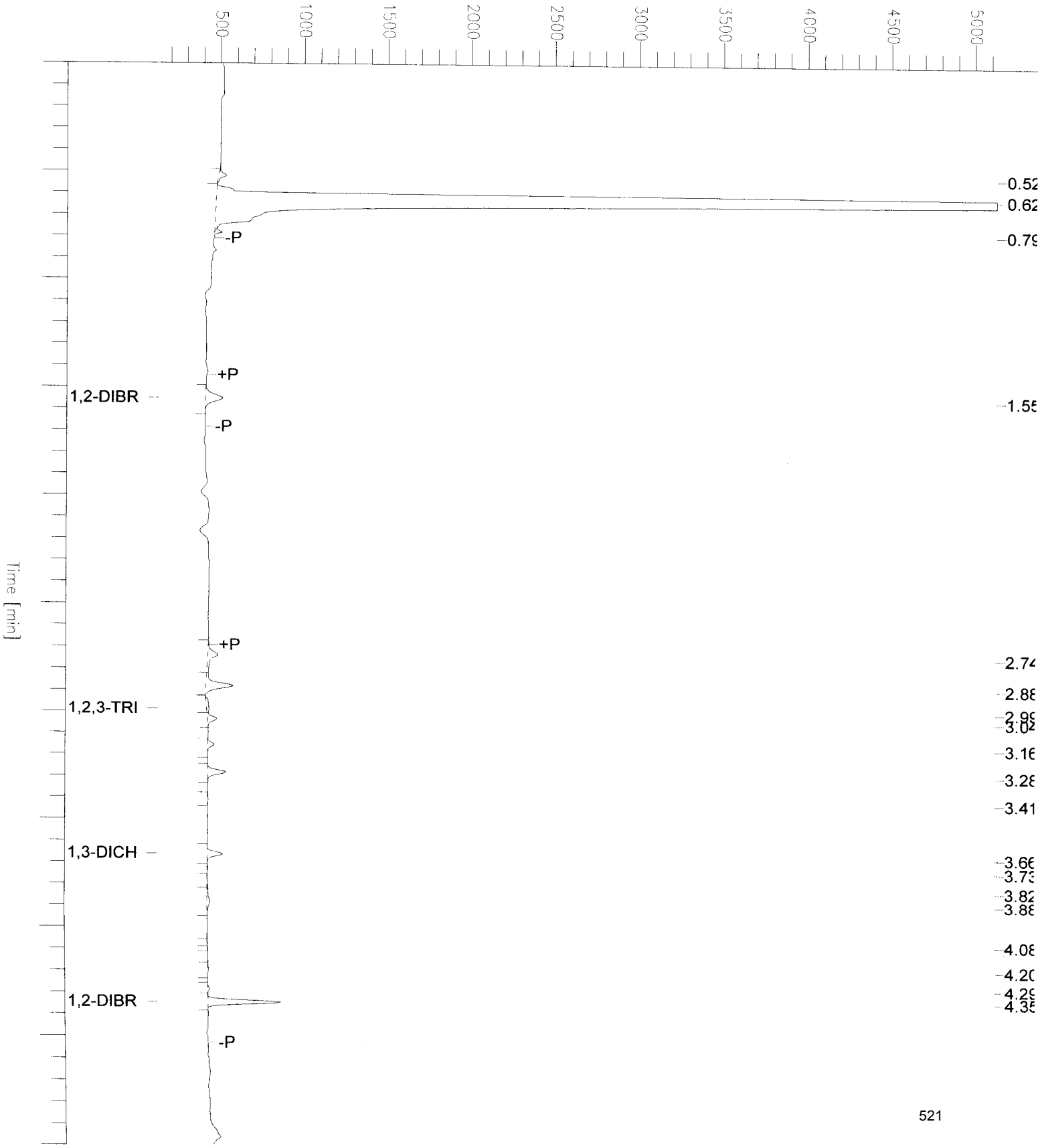
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
4	1.553	1,2-Dibromoethane [2C]	242174.75	0.2082	0.2082
7	2.989	1,2,3-Trichloropropane [2C]	55607.69	0.1533	0.1533
12	3.661	1,3-Dichlorobenzene [2C]	129602.35	1.0934	1.0934
20	4.346	1,2-Dibromo-3-chloropropane [2	527027.14	0.2259	0.2259
			954411.93	1.6808	1.6808

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFA020.TX0

Chromatogram

Sample Name : 7G06016-BS1
FileName : G:\TC4\HP6890\JULY\9GFA020.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 131 mV

Sample #: 20
Date : 7/17/07 05:09 PM
Time of Injection: 7/11/07 08:06 PM
Low Point : 130.78 mV High Point : 5130.78 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : BA00941-CCV1 Time : 7/12/07 02:31 PM
Sample Number: 18 Study : CVS 8011
Operator : GGM

Instrument : JSVGCECD2 Channel : B A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 07:43 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFB018.RAW
Result File : C:\TC4\HP6890\JULY\9GFB018.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFB018.rst
Proc Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB018.rst
Calib Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB018.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

==========
PRIMARY COLUMN (DETECTOR B) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011b9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [uV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
10	1.333	1,2-Dibromoethane	713757.82	0.5439	0.5439
15	2.740	1,2,3-Trichloropropane	97059.53	0.4975	0.4975
18	3.358	1,3-Dichlorobenzene	154566.73	1.1481	1.1481
24	4.284	1,2-Dibromo-3-chloropropane	1199095.09	0.4756	0.4756
			2164479.17	2.6651	2.6651

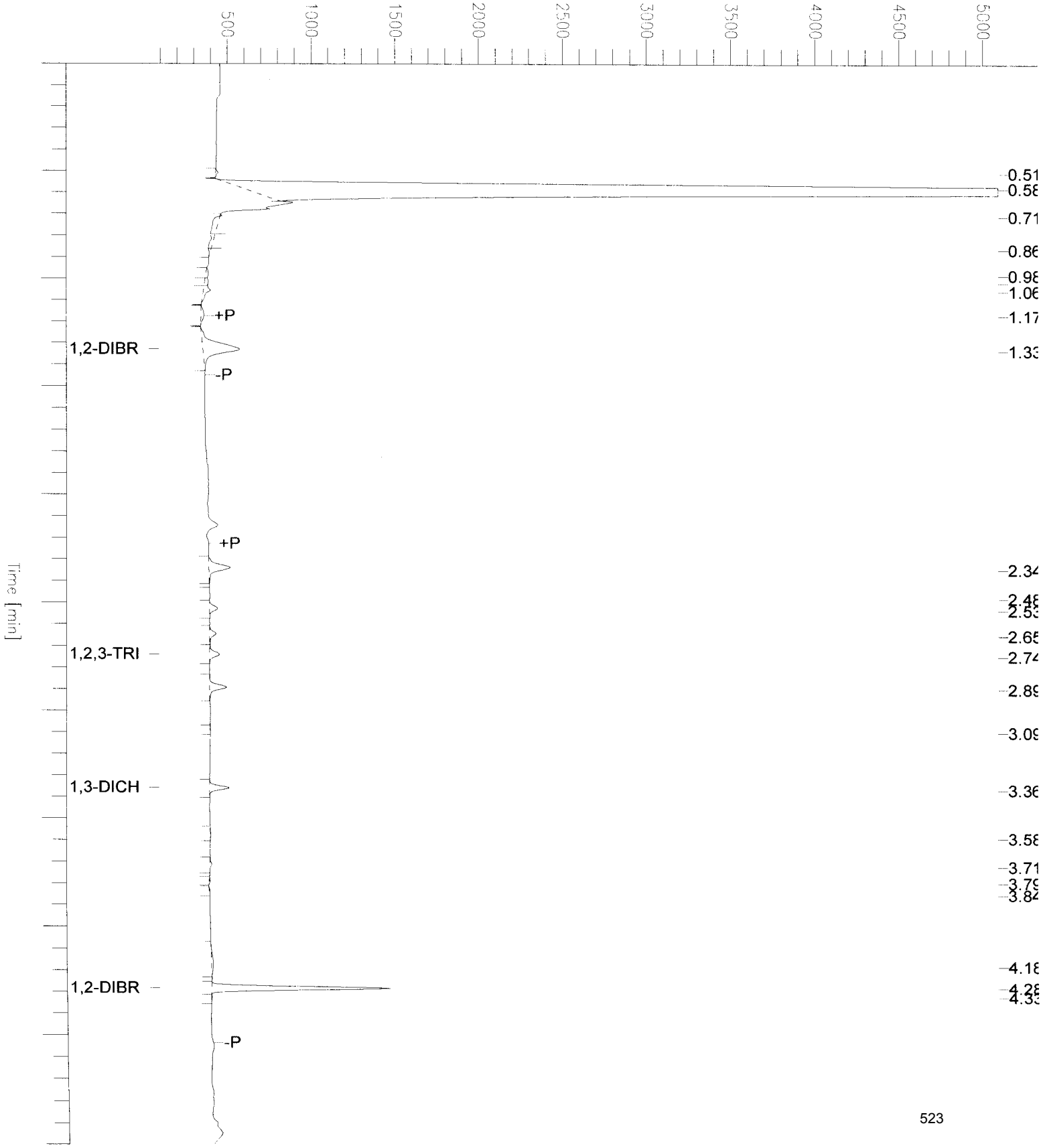
==========
==========

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFB018.TX0

Chromatogram

Sample Name : BA00941-CCV1
FileName : G:\TC4\HP6890\JULY\9GFB018.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 89 mV

Sample #: 18 Page 1 of 1
Date : 7/17/07 02:59 PM
Time of Injection: 7/11/07 07:43 PM
Low Point : 88.71 mV High Point : 5088.71 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : BA00941-CCV1 Time : 7/12/07 03:05 PM
Sample Number: 18 Study : CVS 8011
Operator : GGM

Instrument : JSVGCECD2 Channel : A A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 07:43 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFA018.RAW
Result File : C:\TC4\HP6890\JULY\9GFA018.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFA018.rst
Proc Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA018.rst
Calib Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA018.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

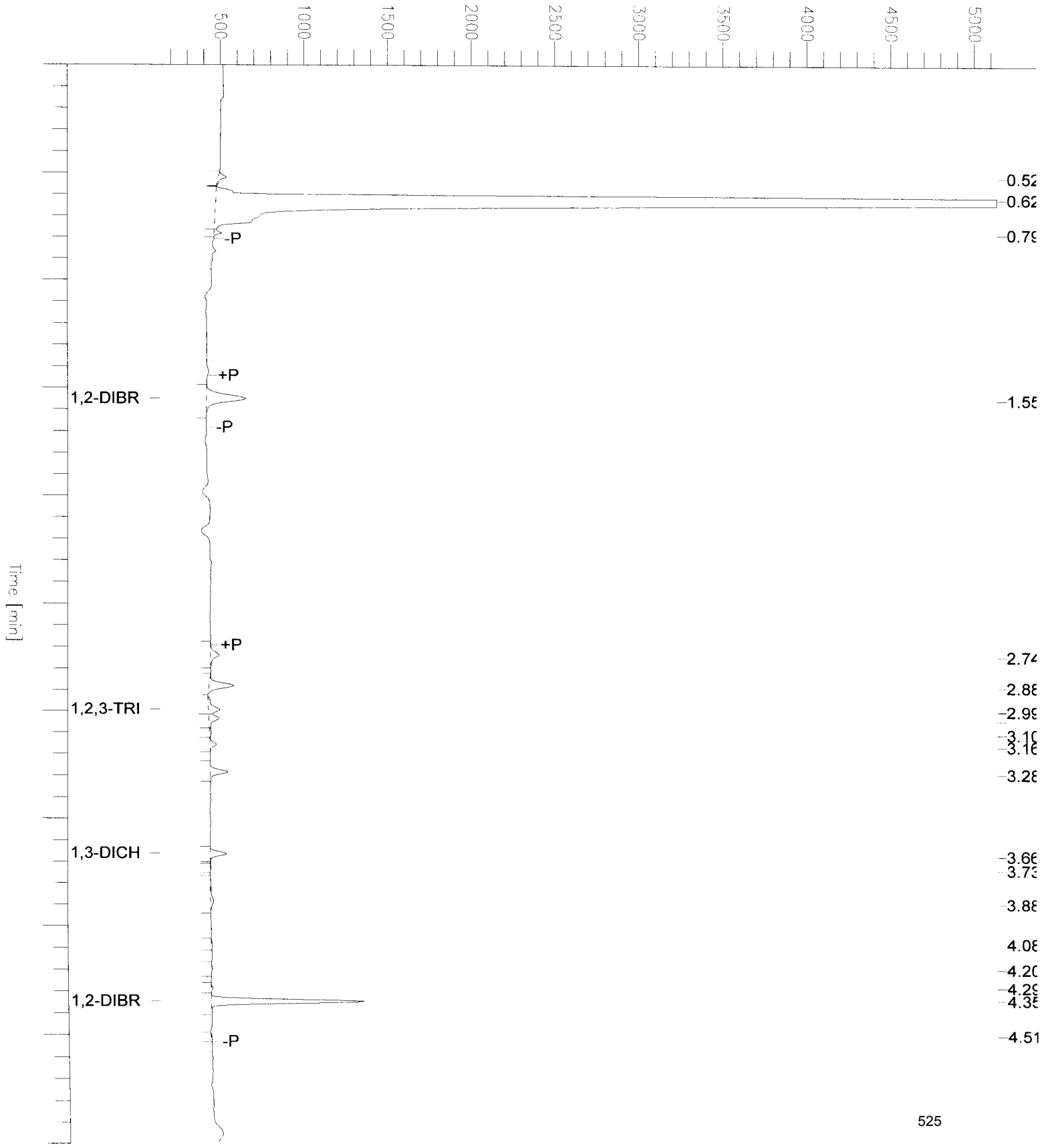
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
4	1.552	1,2-Dibromoethane [2C]	574332.71	0.5416	0.5416
7	2.993	1,2,3-Trichloropropane [2C]	152043.38	0.4191	0.4191
12	3.661	1,3-Dichlorobenzene [2C]	137541.70	1.1604	1.1604
18	4.346	1,2-Dibromo-3-chloropropane [2	1122695.89	0.4812	0.4812
			1986613.67	2.6022	2.6022

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFA018.TX0

Chromatogram

Sample Name : BA00941-CCV1
FileName : G:\TC4\HP6890\JULY\9GFA018.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 132 mV

Sample #: 18 Page 1 of 1
Date : 7/17/07 02:59 PM
Time of Injection: 7/11/07 07:43 PM
Low Point : 131.55 mV High Point : 5131.55 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : BA00941-CCV2 Time : 7/12/07 02:33 PM
Sample Number: 29 Study : CVS 8011
Operator : GGM

Instrument : JSVGCECD2 Channel : B A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 09:47 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFB029.RAW
Result File : C:\TC4\HP6890\JULY\9GFB029.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFB029.rst
Proc Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB029.rst
Calib Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB029.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR B) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011b9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

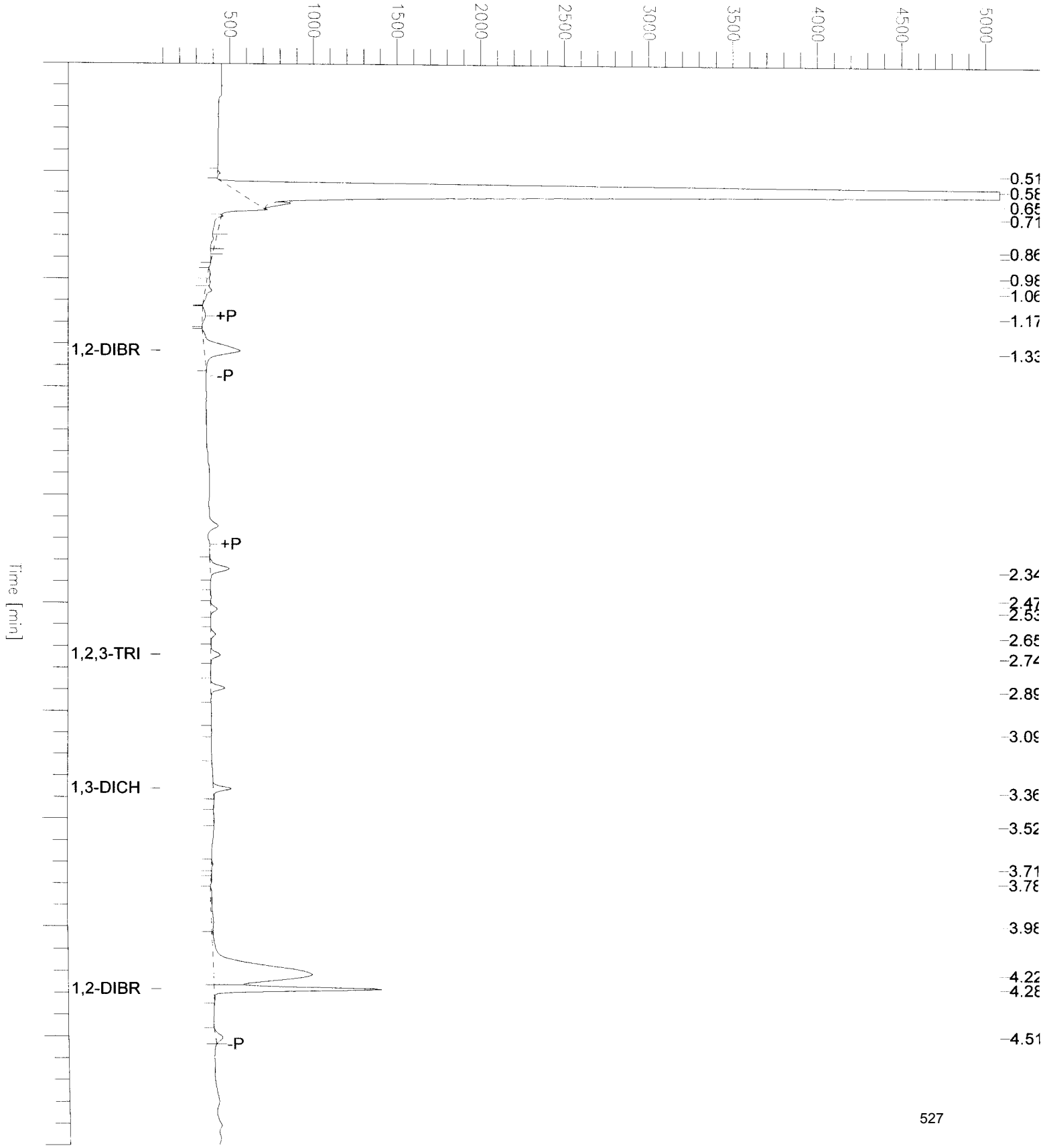
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
12	1.334	1,2-Dibromoethane	694452.73	0.5292	0.5292
17	2.740	1,2,3-Trichloropropane	91453.95	0.4687	0.4687
20	3.359	1,3-Dichlorobenzene	147251.56	1.0938	1.0938
26	4.283	1,2-Dibromo-3-chloropropane	1196338.48	0.4745	0.4745
			2129496.72	2.5662	2.5662

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFB029.TX0

Chromatogram

Sample Name : BA00941-CCV2
FileName : G:\TC4\HP6890\JULY\9GFB029.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 86 mV

Sample #: 29
Date : 7/17/07 03:05 PM
Time of Injection: 7/11/07 09:47 PM
Low Point : 86.25 mV High Point : 5086.25 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : BA00941-CCV2 Time : 7/13/07 10:01 AM
Sample Number: 29 Study : CVS 8011
Operator : GGM

Instrument : JSVGCECD2 Channel : A A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 09:47 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFA029.RAW
Result File : C:\TC4\HP6890\JULY\9GFA029.RST
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFA029.RST
Proc Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA029.RST
Calib Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA029.RST
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

==========
PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
5	1.553	1,2-Dibromoethane [2C]	570000.32	0.5375	0.5375
9	2.993	1,2,3-Trichloropropane [2C]	116521.85	0.3212	0.3212
15	3.661	1,3-Dichlorobenzene [2C]	119243.88	1.0060	1.0060
23	4.345	1,2-Dibromo-3-chloropropane [2	1033198.71	0.4428	0.4428
			1838964.45	2.3075	2.3075

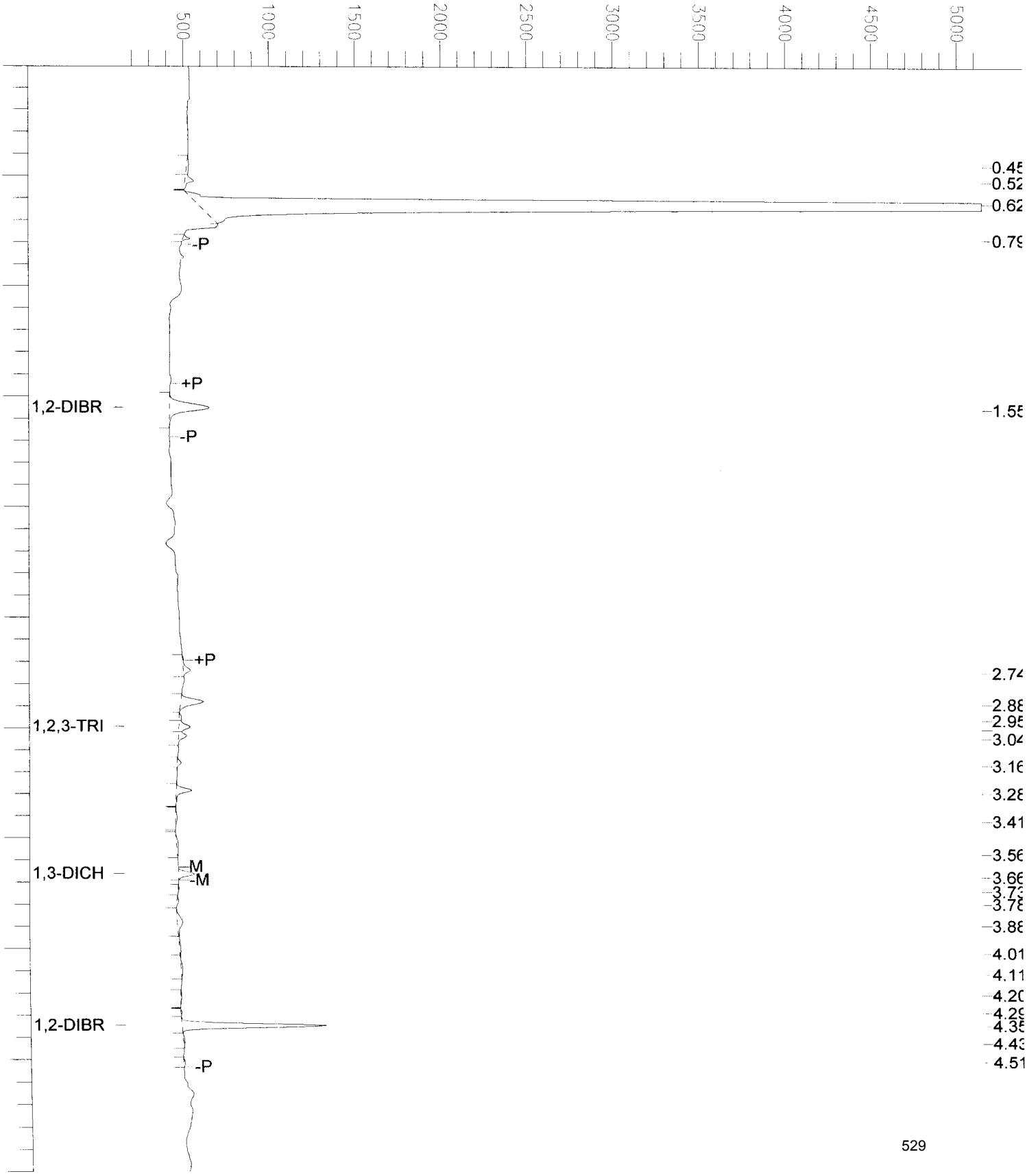
==========
==========

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFA029.TX0

Chromatogram

Sample Name : BA00941-CCV2
FileName : G:\TC4\HP6890\JULY\9GFA029.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 146 mV

Sample #: 29
Date : 7/17/07 03:04 PM
Time of Injection: 7/11/07 09:47 PM
Low Point : 145.69 mV High Point : 5145.69 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : BA00941-CCV3 Time : 7/12/07 03:07 PM
Sample Number: 40 Study : CVS 8011
Operator : GGM

Instrument : JSVGCECD2 Channel : A A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 11:52 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFA040.RAW
Result File : C:\TC4\HP6890\JULY\9GFA040.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFA040.rst
Proc Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA040.rst
Calib Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA040.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

==========
PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
9	1.556	1,2-Dibromoethane [2C]	400890.55	0.3781	0.3781
0	2.991	1,2,3-Trichloropropane [2C]	0.00	0.0000	0.0000
21	3.664	1,3-Dichlorobenzene [2C]	205372.06	1.7326	1.7326
29	4.348	1,2-Dibromo-3-chloropropane [2	961485.86	0.4121	0.4121
			1567748.48	2.5228	2.5228

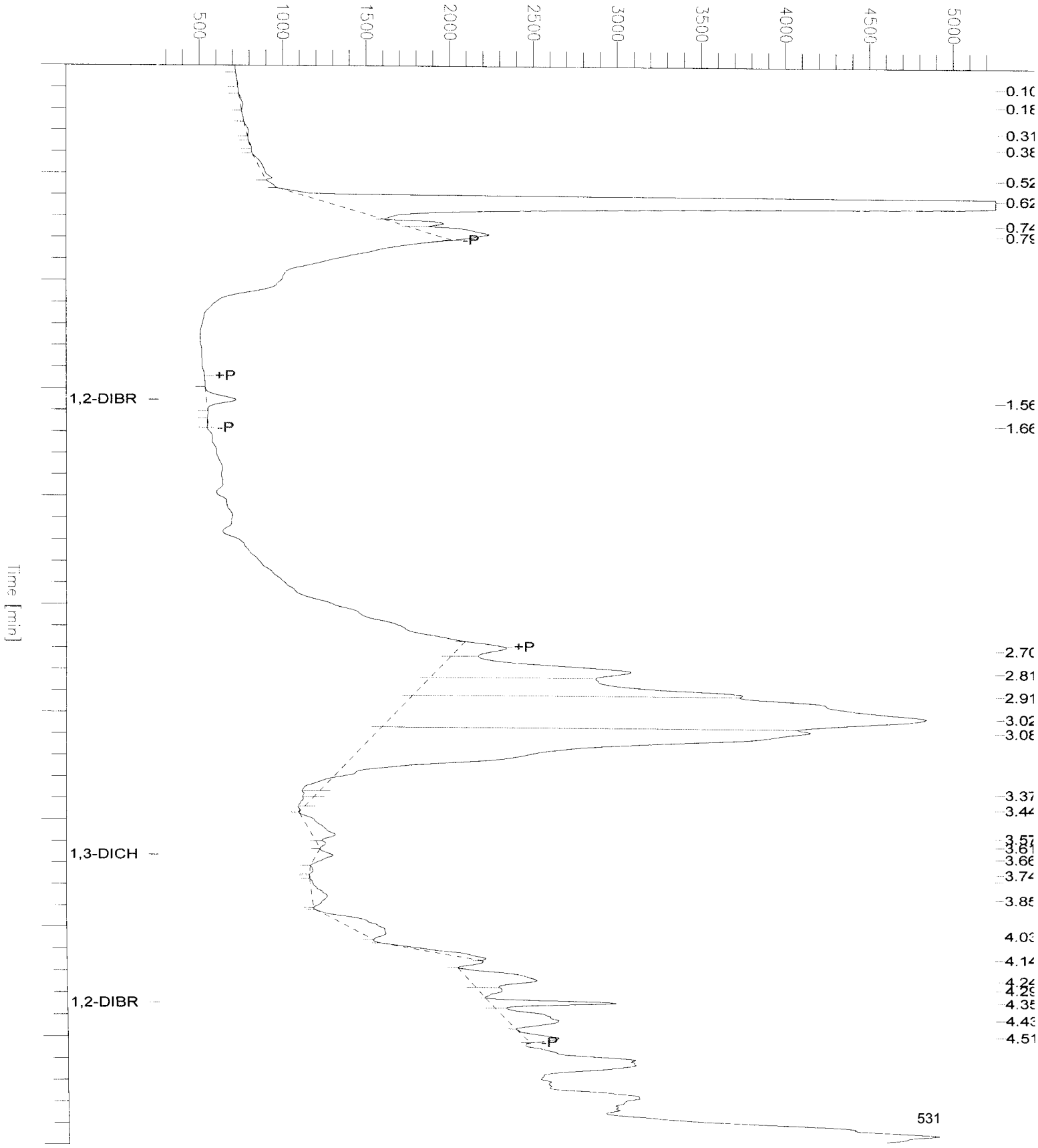
==========
==========

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFA040.TX0

Chromatogram

Sample Name : BA00941-CCV3
FileName : C:\TC4\HP6890\JULY\9GFA040.raw
Method : 8011-5
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 254 mV

Sample #: 40
Date : 7/12/07 03:07 PM
Time of Injection: 7/11/07 11:52 PM
Low Point : 254.45 mV High Point : 5254.45 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : BA00941-CCV4 Time : 7/12/07 05:29 PM
Sample Number: 49 Study : 8011 WATER
Operator : GGM

Instrument : JSVGCECD2 Channel : B A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/12/07 01:34 AM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFB049.RAW
Result File : C:\TC4\HP6890\JULY\9GFB049.RST
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFB049.RST
Proc Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB049.RST
Calib Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB049.RST
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR B) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011b9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

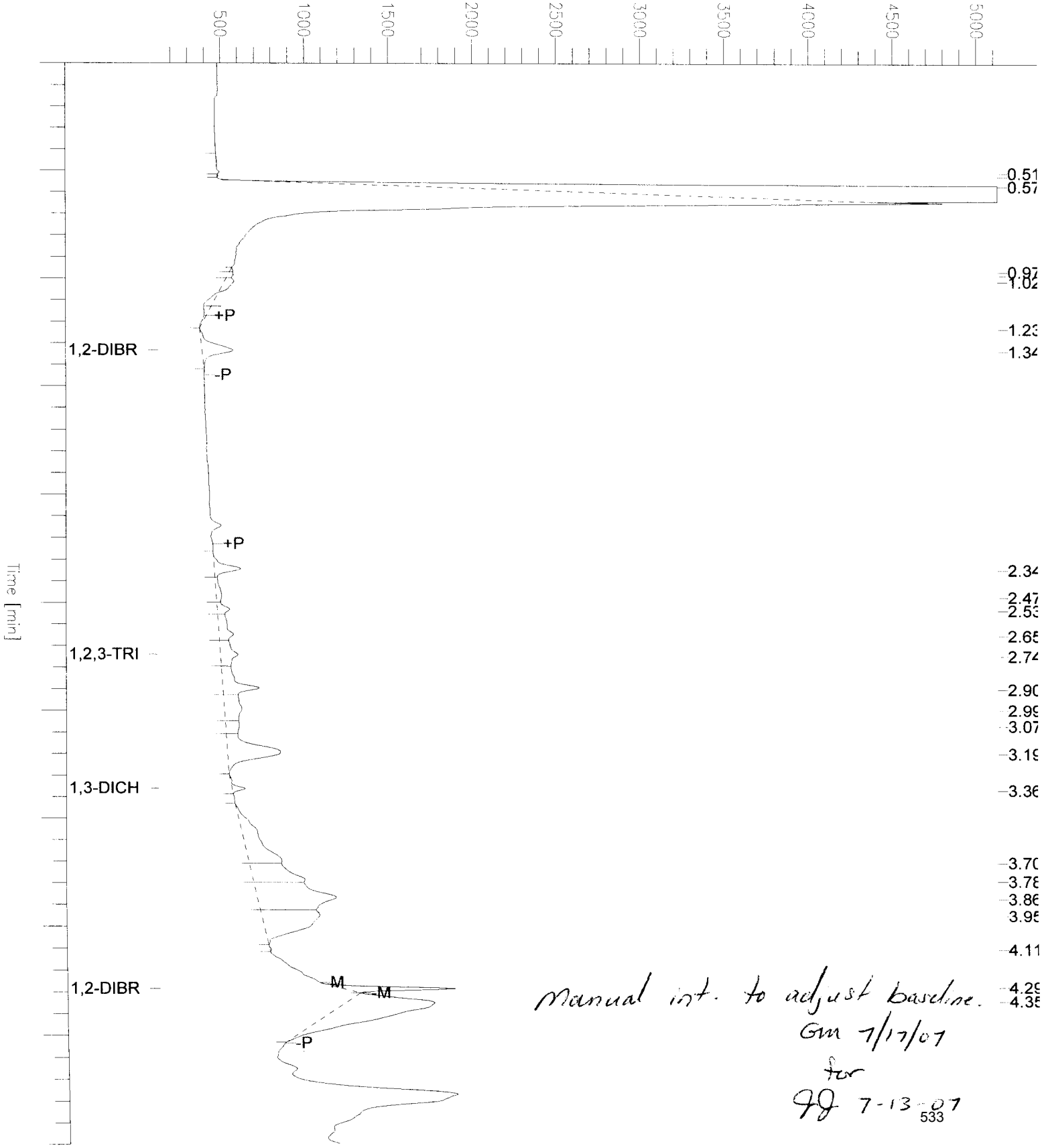
Peak #	Time [min]	Component Name	Area [uV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
8	1.336	1,2-Dibromoethane	594092.67	0.4527	0.4527
13	2.742	1,2,3-Trichloropropane	513702.52	2.6329	2.6329
18	3.360	1,3-Dichlorobenzene	108960.64	0.8093	0.8093
24	4.285	1,2-Dibromo-3-chloropropane	711226.22	0.2821	0.2821
			1927981.04	4.1771	4.1771

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFB049.TX0

Chromatogram

Sample Name : BA00941-CCV4
FileName : G:\TC4\HP6890\JULY\9GFB049.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 125 mV

Sample #: 49
Date : 7/17/07 03:20 PM
Time of Injection: 7/12/07 01:34 AM
Low Point : 125.27 mV High Point : 5125.27 mV
Plot Scale: 5000.0 mV



Manual int. to adjust baseline.
GM 7/17/07
for
JJ 7-13-07

Software Version: 4.1<1L22>
Sample Name : BA00941-CCV4 Time : 7/12/07 03:08 PM
Sample Number: 49 Study : 8011 WATER
Operator : GGM

Instrument : JSVGCECD2 Channel : A A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/12/07 01:34 AM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFA049.RAW
Result File : C:\TC4\HP6890\JULY\9GFA049.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFA049.rst
Proc Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA049.rst
Calib Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA049.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

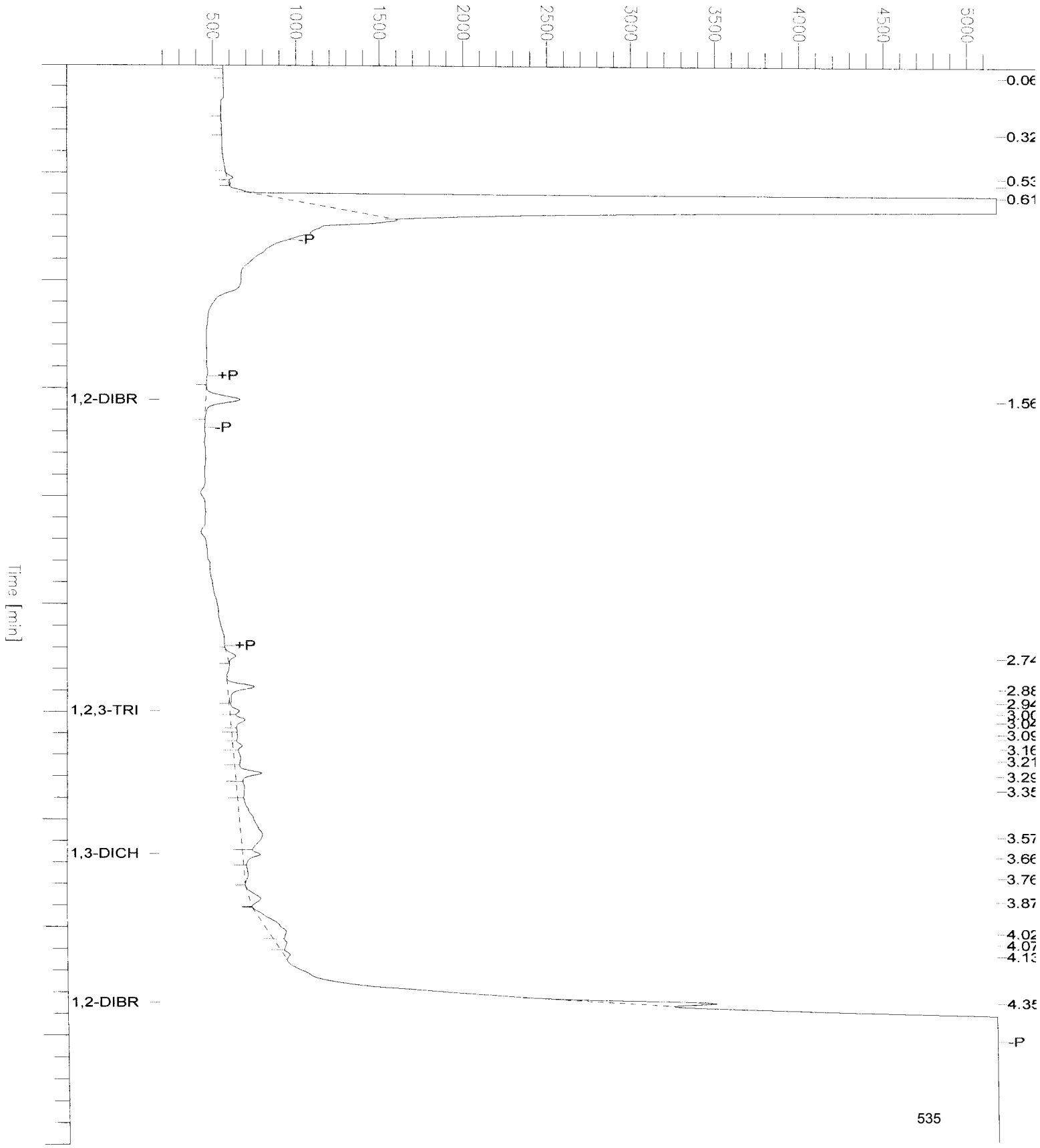
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
6	1.555	1,2-Dibromoethane [2C]	491637.07	0.4636	0.4636
10	2.996	1,2,3-Trichloropropane [2C]	107237.48	0.2956	0.2956
19	3.662	1,3-Dichlorobenzene [2C]	235629.73	1.9879	1.9879
25	4.349	1,2-Dibromo-3-chloropropane [2	685242.46	0.2937	0.2937
			1519746.74	3.0408	3.0408

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFA049.TX0

Chromatogram

Sample Name : BA00941-CCV4
FileName : C:\TC4\HP6890\JULY\9GFA049.raw
Method : 8011-5
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 179 mV

Sample #: 49 Page 1 of 1
Date : 7/12/07 03:08 PM
Time of Injection: 7/12/07 01:34 AM
Low Point : 178.66 mV High Point : 5178.66 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : BA00941-CCV6 Time : 7/13/07 11:37 AM
Sample Number: 3 Study : CVS 8011
Operator : GGM

Instrument : JSVGCECD2 Channel : B A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/12/07 04:33 PM
Delay Time : 0.00 min.
End Time : 7.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GGB003.RAW
Result File : C:\TC4\HP6890\JULY\9GGB003.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GGB003.rst
Proc Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GGB003.rst
Calib Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GGB003.rst
Sequence File : C:\TC4\SEQUEN~1\9GG.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

==========
PRIMARY COLUMN (DETECTOR B) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011b9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [uV*s]	Concentration [ug/L]	Adjusted Concentration ug/L
10	1.335	1,2-Dibromoethane	588437.37	0.4484	0.4484
14	2.742	1,2,3-Trichloropropane	72810.85	0.3732	0.3732
17	3.360	1,3-Dichlorobenzene	107335.58	0.7973	0.7973
23	4.286	1,2-Dibromo-3-chloropropane	1013618.11	0.4021	0.4021
			1782201.90	2.0209	2.0209

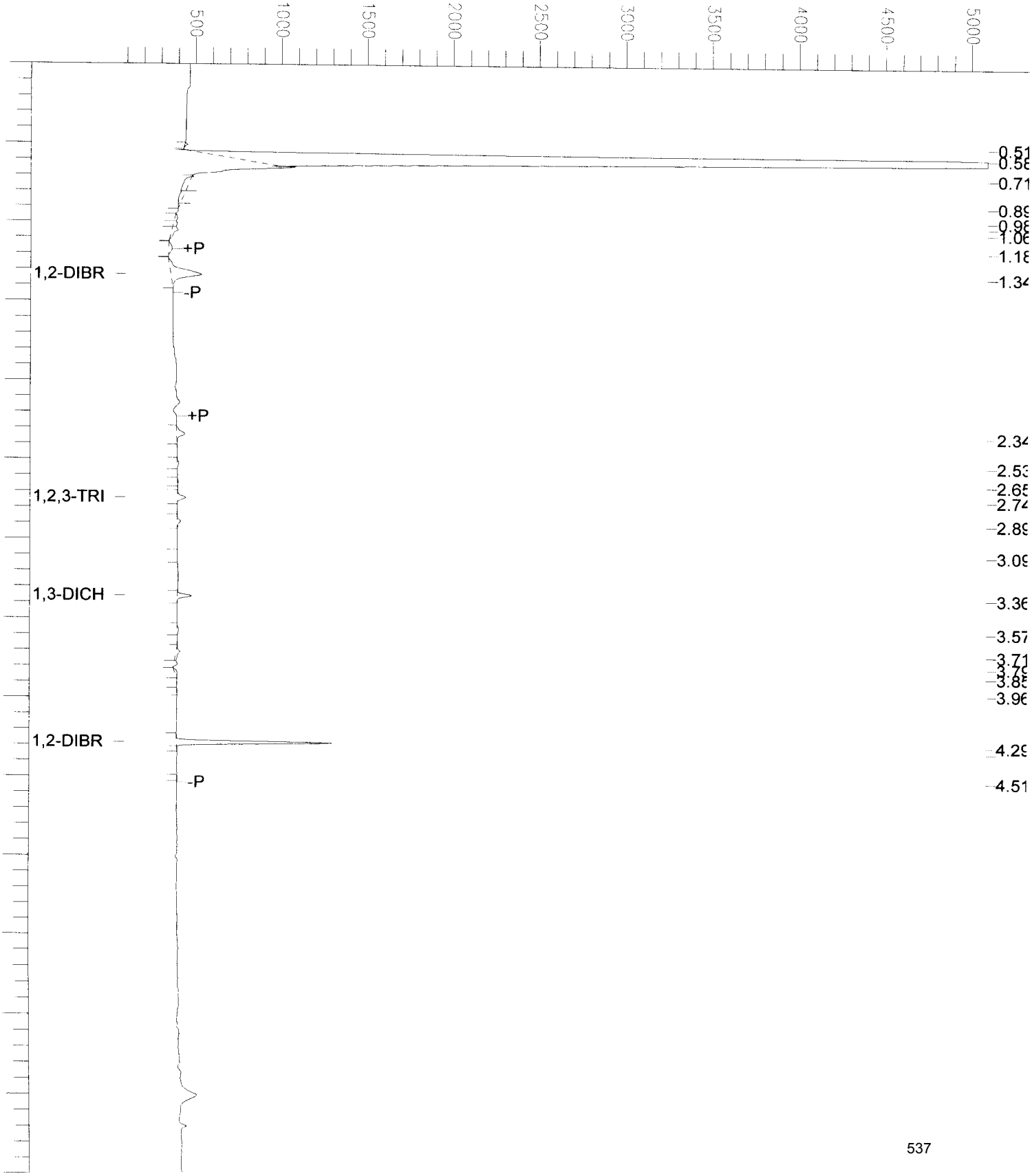
==========
==========

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GGB003.TXO

Chromatogram

Sample Name : BA00941-CCV6
FileName : G:\TC4\HP6890\JULY\9GGB003.RAW
Method :
Start Time : 0.00 min End Time : 7.00 min
Scale Factor: -1.0 Plot Offset: 93 mV

Sample #: 3
Date : 7/17/07 03:21 PM
Time of Injection: 7/12/07 04:33 PM
Low Point : 92.91 mV High Point : 5092.91 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : BA00941-CCV6 Time : 7/13/07 11:37 AM
Sample Number: 3 Study : CVS 8011
Operator : GGM

Instrument : JSVGCECD2 Channel : A A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/12/07 04:33 PM
Delay Time : 0.00 min.
End Time : 7.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GGA003.RAW
Result File : C:\TC4\HP6890\JULY\9GGA003.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GGA003.rst
Proc Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GGA003.rst
Calib Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GGA003.rst
Sequence File : C:\TC4\SEQUEN~1\9GG.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

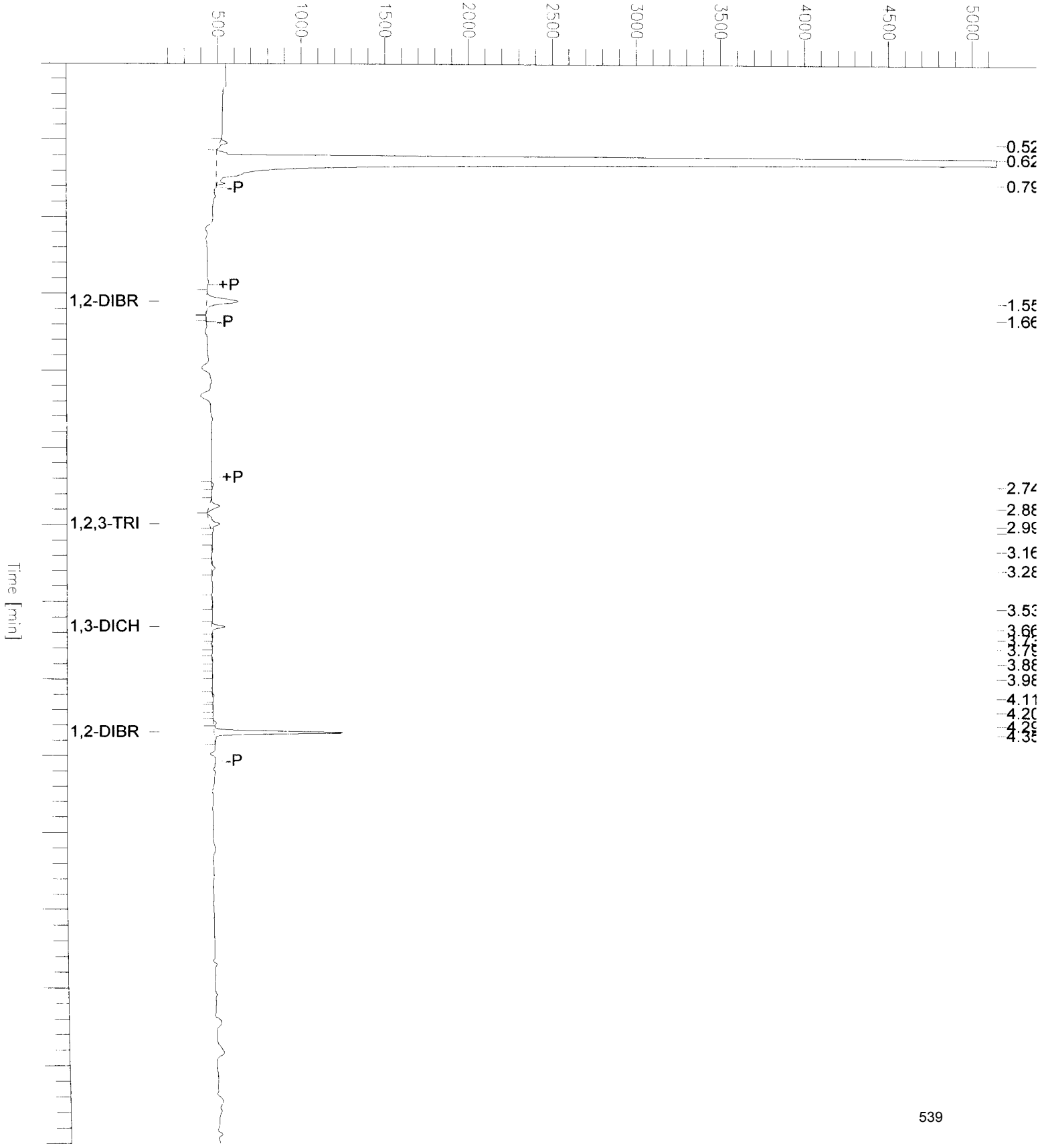
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
4	1.553	1,2-Dibromoethane [2C]	460337.27	0.4056	0.4056
8	2.994	1,2,3-Trichloropropane [2C]	157966.67	0.4354	0.4354
13	3.662	1,3-Dichlorobenzene [2C]	105430.08	0.8895	0.8895
21	4.346	1,2-Dibromo-3-chloropropane [2	995269.21	0.4266	0.4266
			1719003.24	2.1570	2.1570

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GGA003.TX0

Chromatogram

Sample Name : BA00941-CCV6
FileName : G:\TC4\HP6890\JULY\9GGA003.RAW
Method :
Start Time : 0.00 min End Time : 7.00 min
Scale Factor: -1.0 Plot Offset: 145 mV

Sample #: 3
Date : 7/17/07 03:22 PM
Time of Injection: 7/12/07 04:33 PM
Low Point : 144.60 mV High Point : 5144.60 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : BA00941-CCV7 Time : 7/13/07 12:50 PM
Sample Number: 8 Study : CVS 8011
Operator : GGM

Instrument : JSVGCECD2 Channel : B A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/12/07 06:35 PM
Delay Time : 0.00 min.
End Time : 6.91 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GGB008.RAW
Result File : C:\TC4\HP6890\JULY\9GGB008.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GGB008.rst
Proc Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GGB008.rst
Calib Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GGB008.rst
Sequence File : C:\TC4\SEQUEN~1\9GG.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

==========
PRIMARY COLUMN (DETECTOR B) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011b9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
10	1.336	1,2-Dibromoethane	714324.31	0.5443	0.5443
13	2.742	1,2,3-Trichloropropane	92148.35	0.4723	0.4723
17	3.361	1,3-Dichlorobenzene	147790.45	1.0973	1.0973
22	4.285	1,2-Dibromo-3-chloropropane	1031620.44	0.4865	0.4865
			2185783.54	2.6029	2.6029

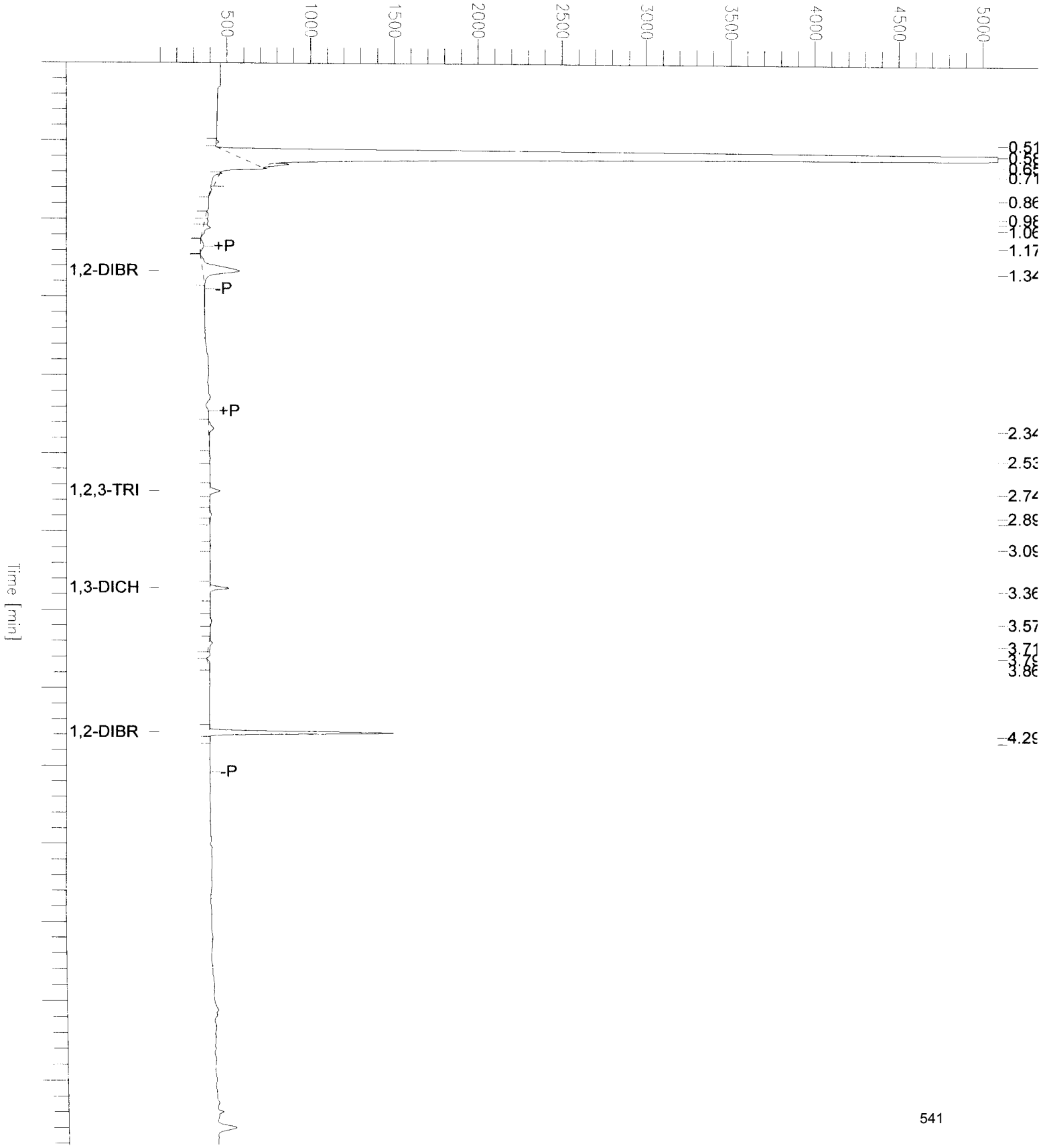
==========
==========

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GGB008.TX0

Chromatogram

Sample Name : BA00941-CCV7
FileName : G:\TC4\HP6890\JULY\9GGB008.RAW
Method :
Start Time : 0.00 min End Time : 6.91 min
Scale Factor: -1.0 Plot Offset: 91 mV

Sample #: 8
Date : 7/17/07 03:23 PM
Time of Injection: 7/12/07 06:35 PM
Low Point : 90.95 mV High Point : 5090.95 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : BA00941-CCV7
Sample Number: 8
Operator : GGM

Time : 7/13/07 12:50 PM
Study : CVS 8011

Instrument : JSVGCECD2
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 10000

Interface Serial # : 4207271739 Data Acquisition Time: 7/12/07 06:35 PM
Delay Time : 0.00 min.
End Time : 6.91 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GGA008.RAW
Result File : C:\TC4\HP6890\JULY\9GGA008.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GGA008.rst
Proc Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GGA008.rst
Calib Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GGA008.rst
Sequence File : C:\TC4\SEQUEN~1\9GG.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

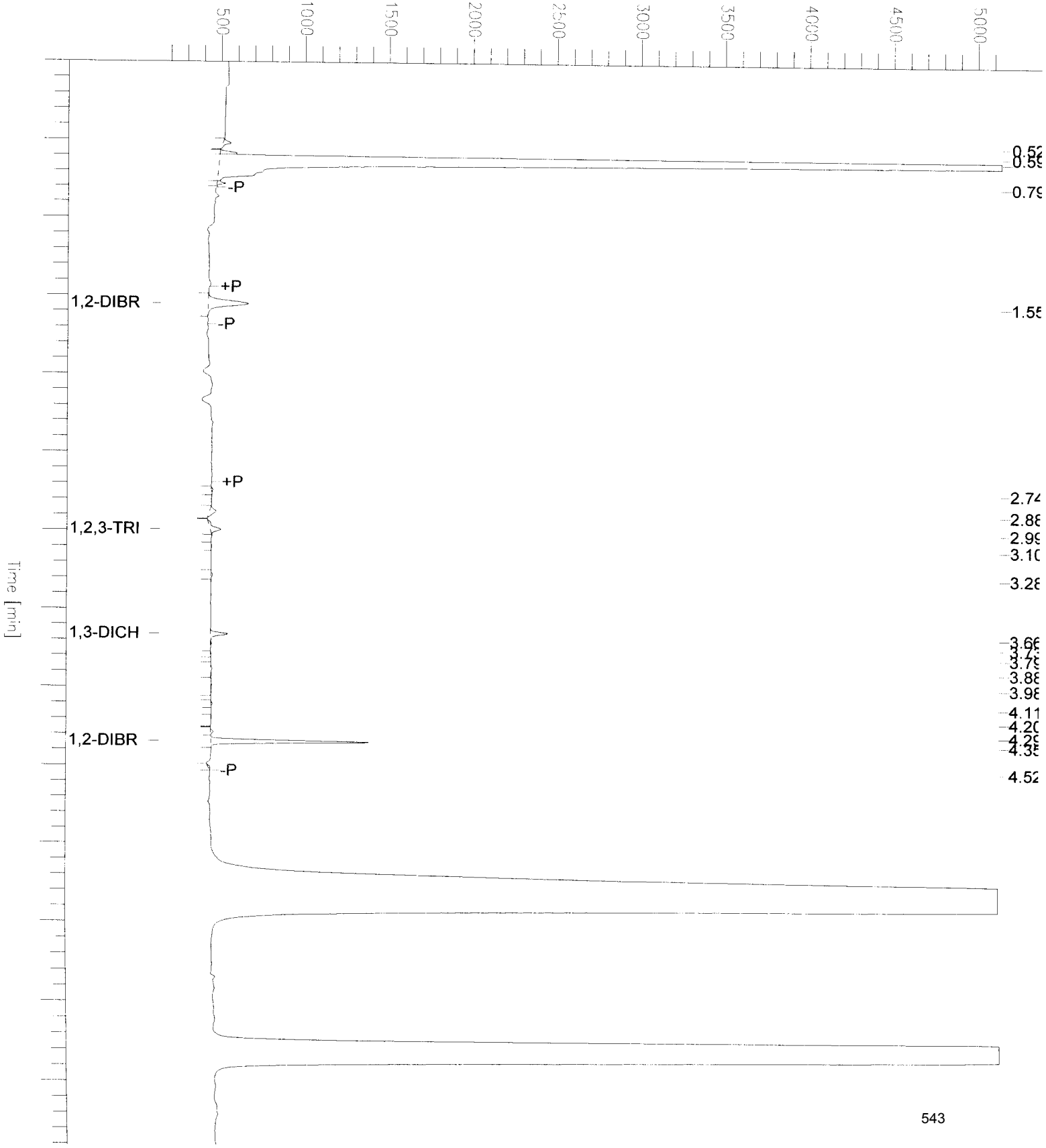
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
5	1.553	1,2-Dibromoethane [2C]	582802.46	0.5164	0.5164
8	2.994	1,2,3-Trichloropropane [2C]	130649.31	0.3601	0.3601
11	3.662	1,3-Dichlorobenzene [2C]	141056.17	1.1900	1.1900
19	4.346	1,2-Dibromo-3-chloropropane [2	1141971.33	0.4894	0.4894
			1996479.27	2.5559	2.5559

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GGA008.TXO

Chromatogram

Sample Name : BA00941-CCV7
FileName : G:\TC4\HP6890\JULY\9GGA008.RAW
Method :
Start Time : 0.00 min End Time : 6.91 min
Scale Factor: -1.0 Plot Offset: 140 mV

Sample #: 8
Date : 7/17/07 03:23 PM
Time of Injection: 7/12/07 06:35 PM
Low Point : 140.13 mV High Point : 5140.13 mV
Plot Scale: 5000.0 mV



8011 QC Data

Software Version: 4.1<1L22>
Sample Name : 7G06016-BLK1
Sample Number: 19
Operator : GGM

Time : 7/12/07 03:05 PM
Study : 8011 WATER

Instrument : JSVGCECD2
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 10000

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 07:54 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFA019.RAW
Result File : C:\TC4\HP6890\JULY\9GFA019.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFA019.rst
Proc Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA019.rst
Calib Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA019.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

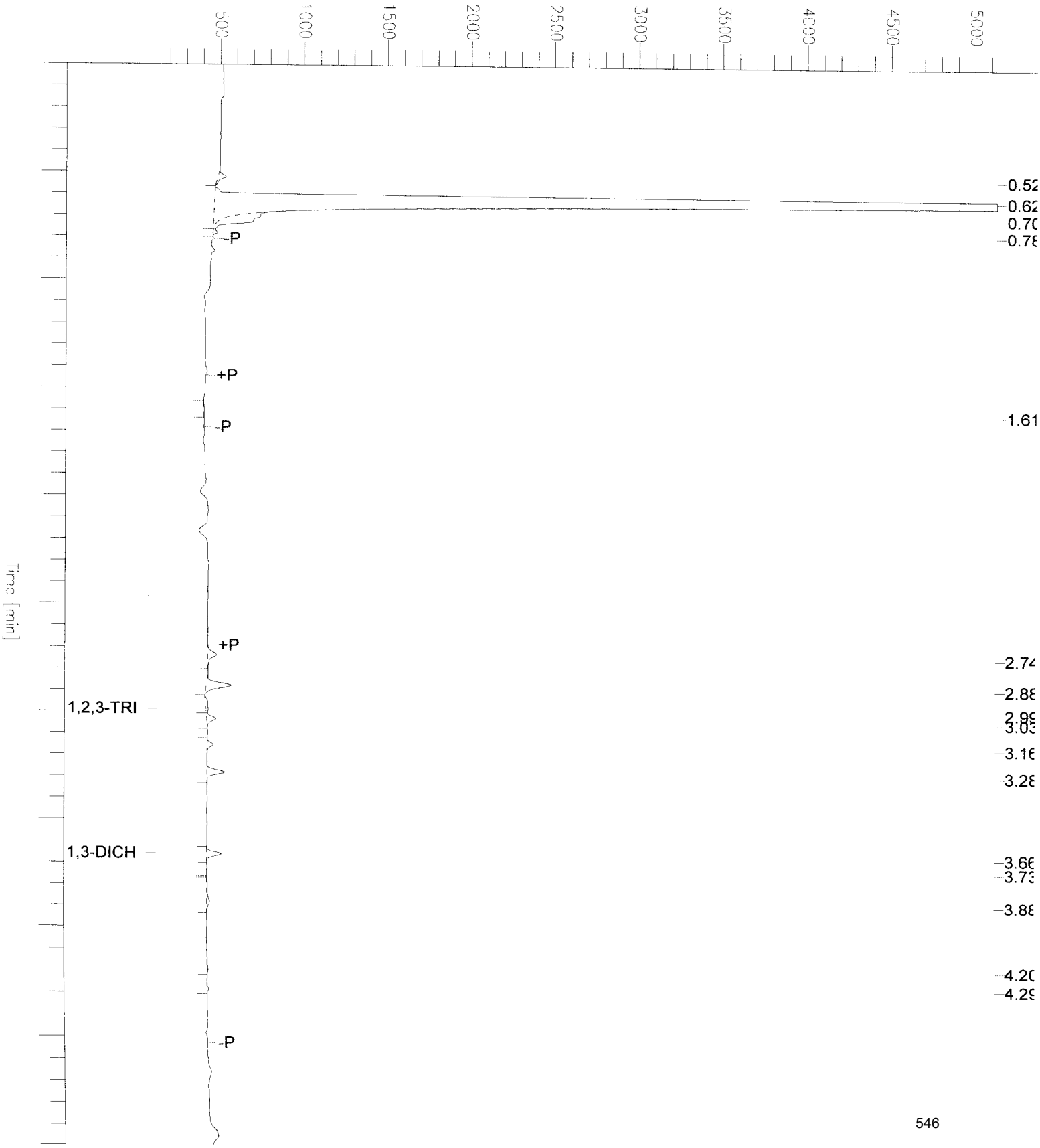
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
0	1.549	1,2-Dibromoethane [2C]	0.00	0.0000	0.0000
8	2.989	1,2,3-Trichloropropane [2C]	55738.77	0.1536	0.1536
12	3.660	1,3-Dichlorobenzene [2C]	118566.76	1.0003	1.0003
0	4.344	1,2-Dibromo-3-chloropropane [2	0.00	0.0000	0.0000
			174305.52	1.1539	1.1539

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFA019.TX0

Chromatogram

Sample Name : 7G06016-BLK1
FileName : G:\TC4\HP6890\JULY\9GFA019.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 131 mV

Sample #: 19
Date : 7/17/07 03:01 PM
Time of Injection: 7/11/07 07:54 PM
Low Point : 131.28 mV High Point : 5131.28 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : 7G06016-BLK1
Sample Number: 19
Operator : GGM

Time : 7/12/07 02:31 PM
Study : 8011 WATER

Instrument : JSVGCECD2
AutoSampler :
Rack/Vial : 0/0

Channel : B A/D mV Range : 10000

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 07:54 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFB019.RAW
Result File : C:\TC4\HP6890\JULY\9GFB019.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFB019.rst
Proc Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB019.rst
Calib Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB019.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

L

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR B) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011b9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

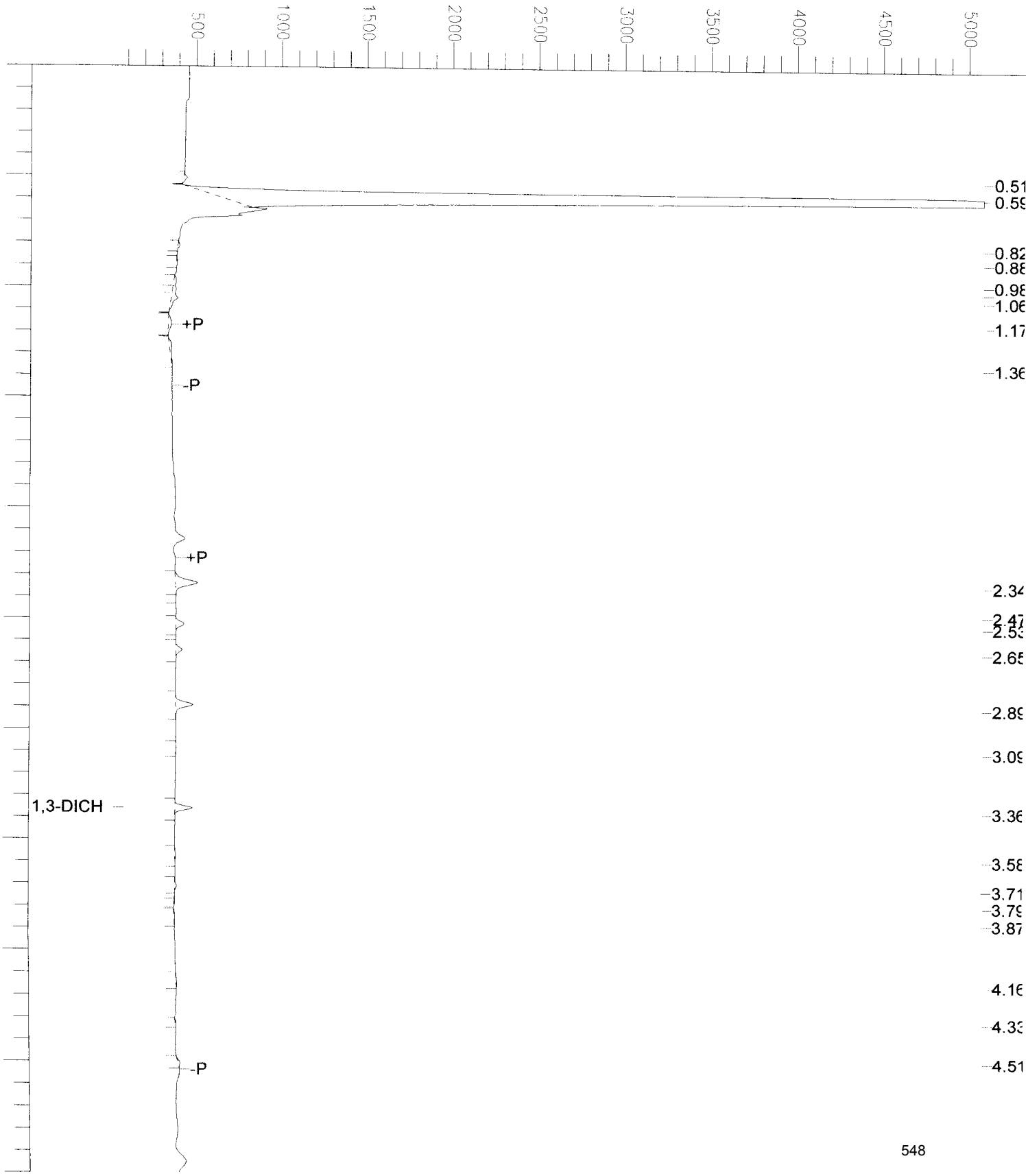
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
0	1.333	1,2-Dibromoethane	0.00	0.0000	0.0000
0	2.739	1,2,3-Trichloropropane	0.00	0.0000	0.0000
16	3.358	1,3-Dichlorobenzene	135016.81	1.0029	1.0029
0	4.283	1,2-Dibromo-3-chloropropane	0.00	0.0000	0.0000
			135016.81	1.0029	1.0029

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFB019.TX0

Chromatogram

Sample Name : 7G06016-BLK1
FileName : G:\TC4\HP6890\JULY\9GFB019.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 88 mV

Sample #: 19
Date : 7/17/07 03:02 PM
Time of Injection: 7/11/07 07:54 PM
Low Point : 88.30 mV High Point : 5088.30 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : 7G06016-BS1 Time : 7/13/07 01:56 PM
Sample Number: 20 Study : 8011 WATER
Operator : GGM

Instrument : JSVGCECD2 Channel : A A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 08:06 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFA020.RAW
Result File : C:\TC4\HP6890\JULY\9GFA020.RST
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFA020.RST
Proc Method : C:\TC4\HP6890\8011A9GF.mth
Calib Method : C:\TC4\HP6890\8011A9GF.mth
Sequence File : .\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

==========
PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
4	1.553	1,2-Dibromoethane [2C]	242174.75	0.2082	0.2082
7	2.989	1,2,3-Trichloropropane [2C]	55607.69	0.1533	0.1533
12	3.661	1,3-Dichlorobenzene [2C]	129602.35	1.0934	1.0934
20	4.346	1,2-Dibromo-3-chloropropane [2	527027.14	0.2259	0.2259
			954411.93	1.6808	1.6808

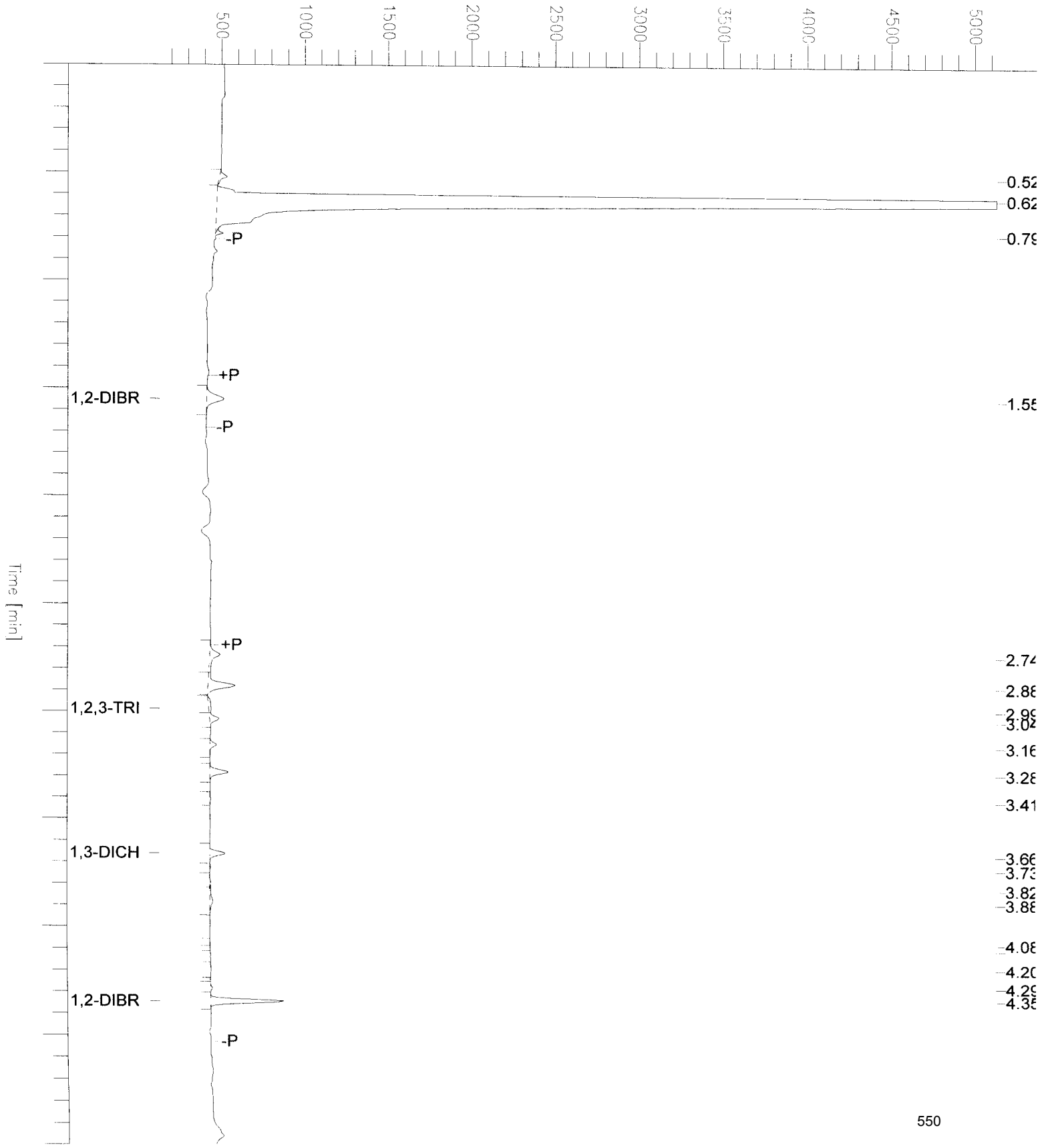
==========
==========

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFA020.TX0

Chromatogram

Sample Name : 7G06016-BS1
FileName : G:\TC4\HP6890\JULY\9GFA020.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 131 mV

Sample #: 20
Date : 7/17/07 03:01 PM
Time of Injection: 7/11/07 08:06 PM
Low Point : 130.78 mV High Point : 5130.78 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : 7G06016-BS1 Time : 7/12/07 02:31 PM
Sample Number: 20 Study : 8011 WATER
Operator : GGM

Instrument : JSVGCECD2 Channel : B A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 08:06 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFB020.RAW
Result File : C:\TC4\HP6890\JULY\9GFB020.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFB020.rst
Proc Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB020.rst
Calib Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB020.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR B) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011b9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

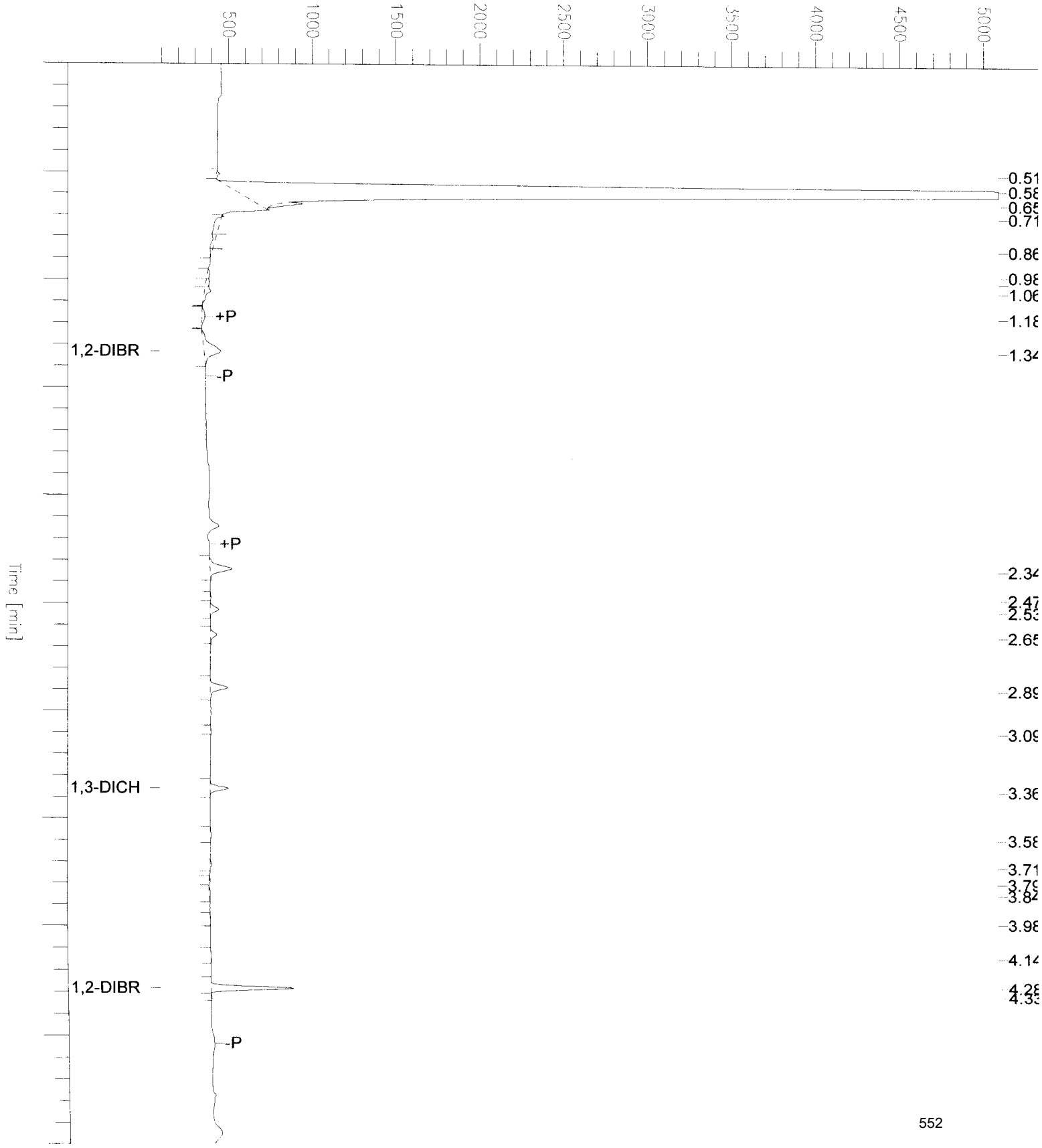
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
11	1.336	1,2-Dibromoethane	357057.14	0.2721	0.2721
0	2.739	1,2,3-Trichloropropane	0.00	0.0000	0.0000
18	3.359	1,3-Dichlorobenzene	144342.30	1.0722	1.0722
25	4.283	1,2-Dibromo-3-chloropropane	557416.00	0.2211	0.2211
			1058815.44	1.5653	1.5653

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFB020.TX0

Chromatogram

Sample Name : BA00961-ICV1
FileName : G:\TC4\HP6890\JULY\9GFB020.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 88 mV

Sample #: 20
Date : 7/17/07 03:02 PM
Time of Injection: 7/11/07 08:06 PM
Low Point : 88.39 mV High Point : 5088.39 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : 7G06016-MS1 Time : 7/13/07 01:55 PM
Sample Number: 21 Study : 8011 WATER
Operator : GGM

Instrument : JSVGCECD2 Channel : A A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 08:17 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFA021.RAW
Result File : C:\TC4\HP6890\JULY\9GFA021.RST
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFA021.RST
Proc Method : C:\TC4\HP6890\8011A9GF.MTH
Calib Method : C:\TC4\HP6890\8011A9GF.MTH
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

==========
PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
5	1.550	1,2-Dibromoethane [2C]	160940.95	0.1348	0.1348
9	2.984	1,2,3-Trichloropropane [2C]	78729.26	0.2170	0.2170
15	3.660	1,3-Dichlorobenzene [2C]	71362.32	0.6020	0.6020
22	4.345	1,2-Dibromo-3-chloropropane [2	469009.00	0.2010	0.2010
			780041.54	1.1548	1.1548

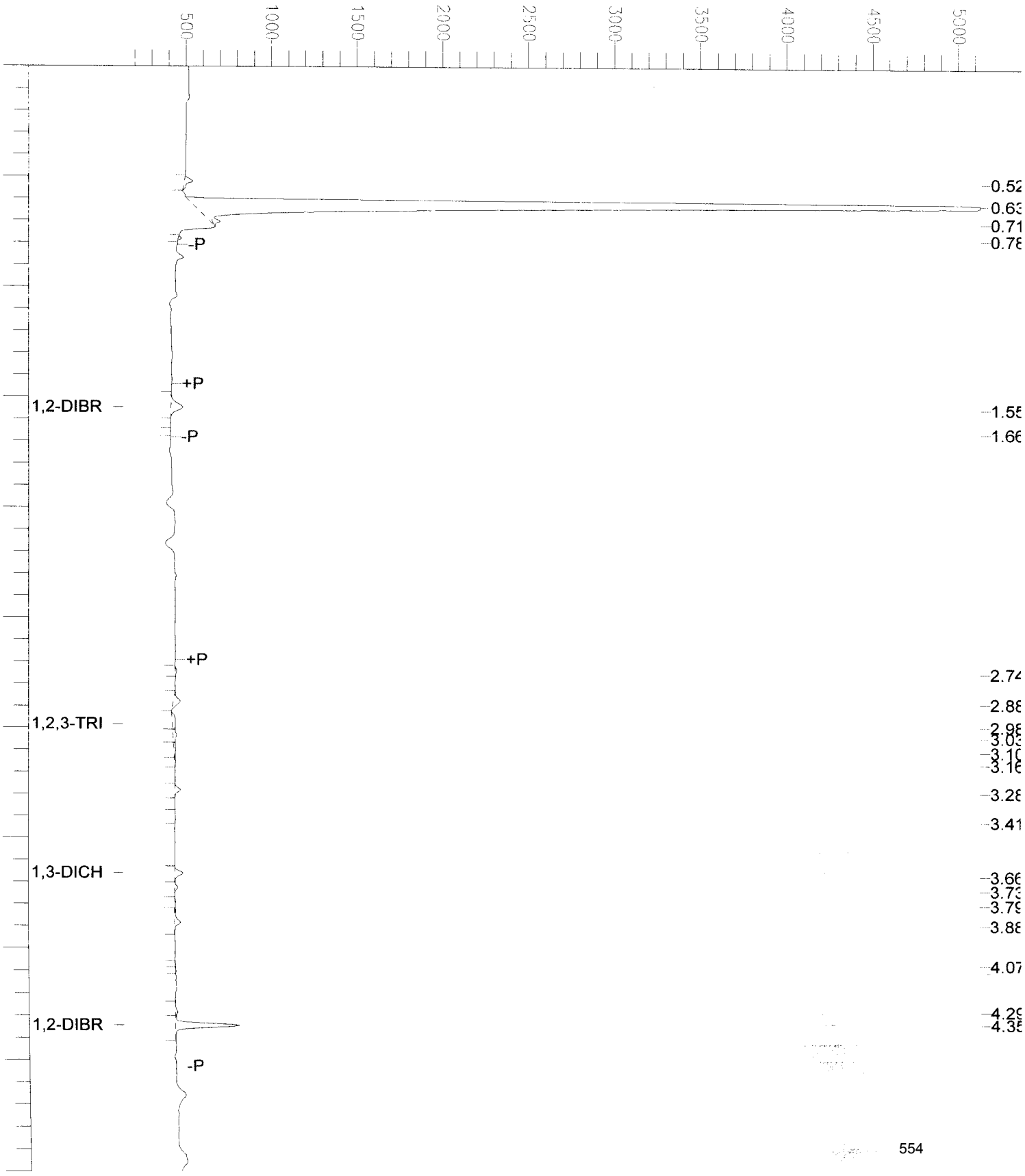
==========
==========

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFA021.TXO

Chromatogram

Sample Name : 7G06016-MS1
FileName : G:\TC4\HP6890\JULY\9GFA021.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 129 mV

Sample #: 21
Date : 7/17/07 03:02 PM
Time of Injection: 7/11/07 08:17 PM
Low Point : 129.23 mV High Point : 5129.23 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : 7G06016-MS1 Time : 7/12/07 02:32 PM
Sample Number: 21 Study : 8011 WATER
Operator : GGM

Instrument : JSVGCECD2 Channel : B A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 08:17 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFB021.RAW
Result File : C:\TC4\HP6890\JULY\9GFB021.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFB021.rst
Proc Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB021.rst
Calib Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB021.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

==========
PRIMARY COLUMN (DETECTOR B) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011b9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
12	1.332	1,2-Dibromoethane	275331.26	0.2098	0.2098
0	2.739	1,2,3-Trichloropropane	0.00	0.0000	0.0000
19	3.358	1,3-Dichlorobenzene	78754.20	0.5850	0.5850
27	4.283	1,2-Dibromo-3-chloropropane	481968.33	0.1912	0.1912
			836053.79	0.9860	0.9860

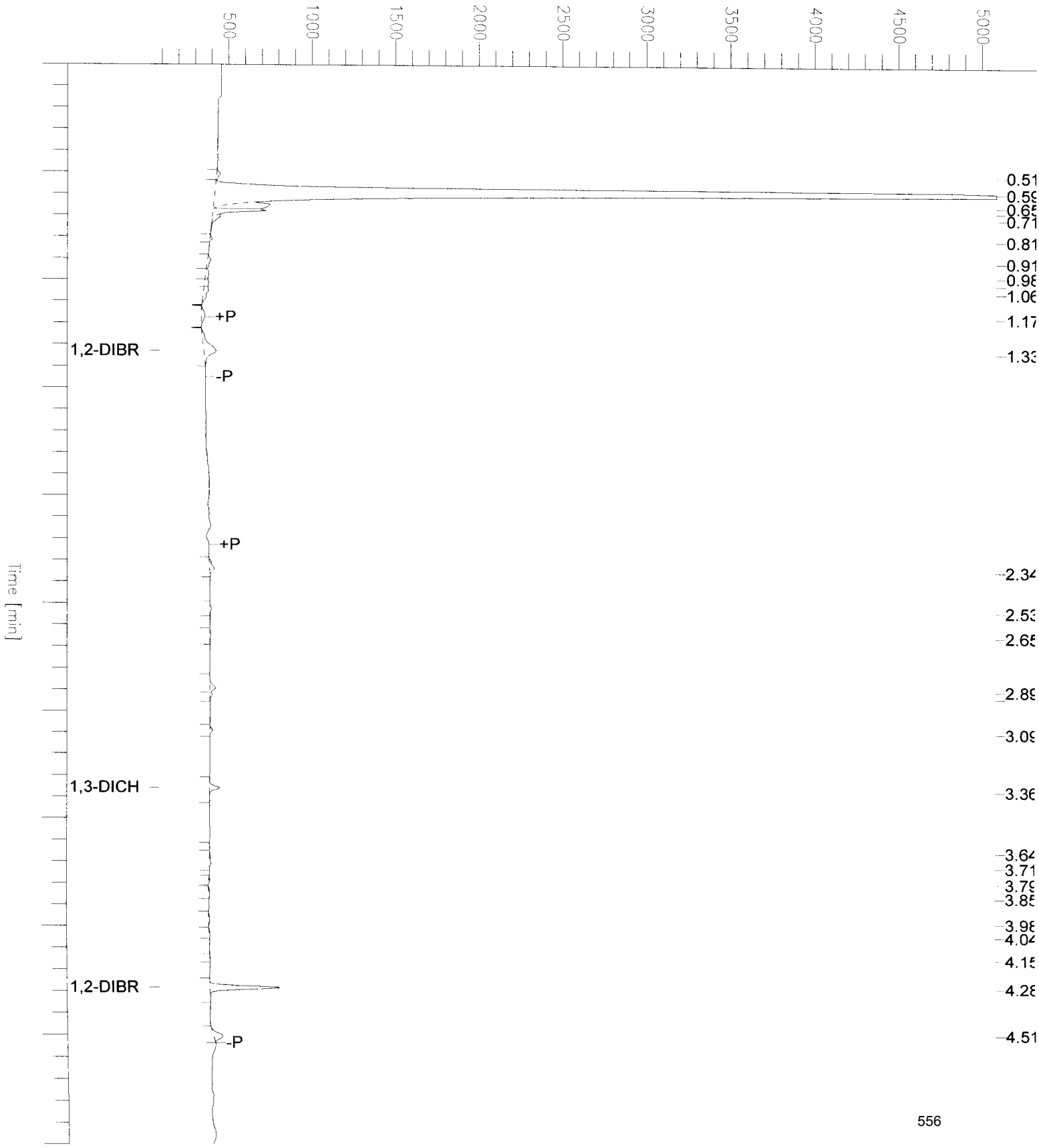
==========
==========

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFB021.TX0

Chromatogram

Sample Name : 7G06016-MS1
FileName : G:\TC4\HP6890\JULY\9GFB021.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 87 mV

Sample #: 21
Date : 7/17/07 03:02 PM
Time of Injection: 7/11/07 08:17 PM
Low Point : 86.52 mV High Point : 5086.52 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : 7G06016-MSD1 Time : 7/13/07 01:56 PM
Sample Number: 22 Study : 8011 WATER
Operator : GGM

Instrument : JSVGCECD2 Channel : A A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 08:28 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFA022.RAW
Result File : C:\TC4\HP6890\JULY\9GFA022.RST
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFA022.RST
Proc Method : C:\TC4\HP6890\8011A9GF.MTH
Calib Method : C:\TC4\HP6890\8011A9GF.MTH
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

==========
PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
6	1.554	1,2-Dibromoethane [2C]	177854.06	0.1501	0.1501
10	2.981	1,2,3-Trichloropropane [2C]	72990.76	0.2012	0.2012
16	3.662	1,3-Dichlorobenzene [2C]	84171.87	0.7101	0.7101
23	4.346	1,2-Dibromo-3-chloropropane [2	486609.80	0.2086	0.2086
			821626.49	1.2699	1.2699

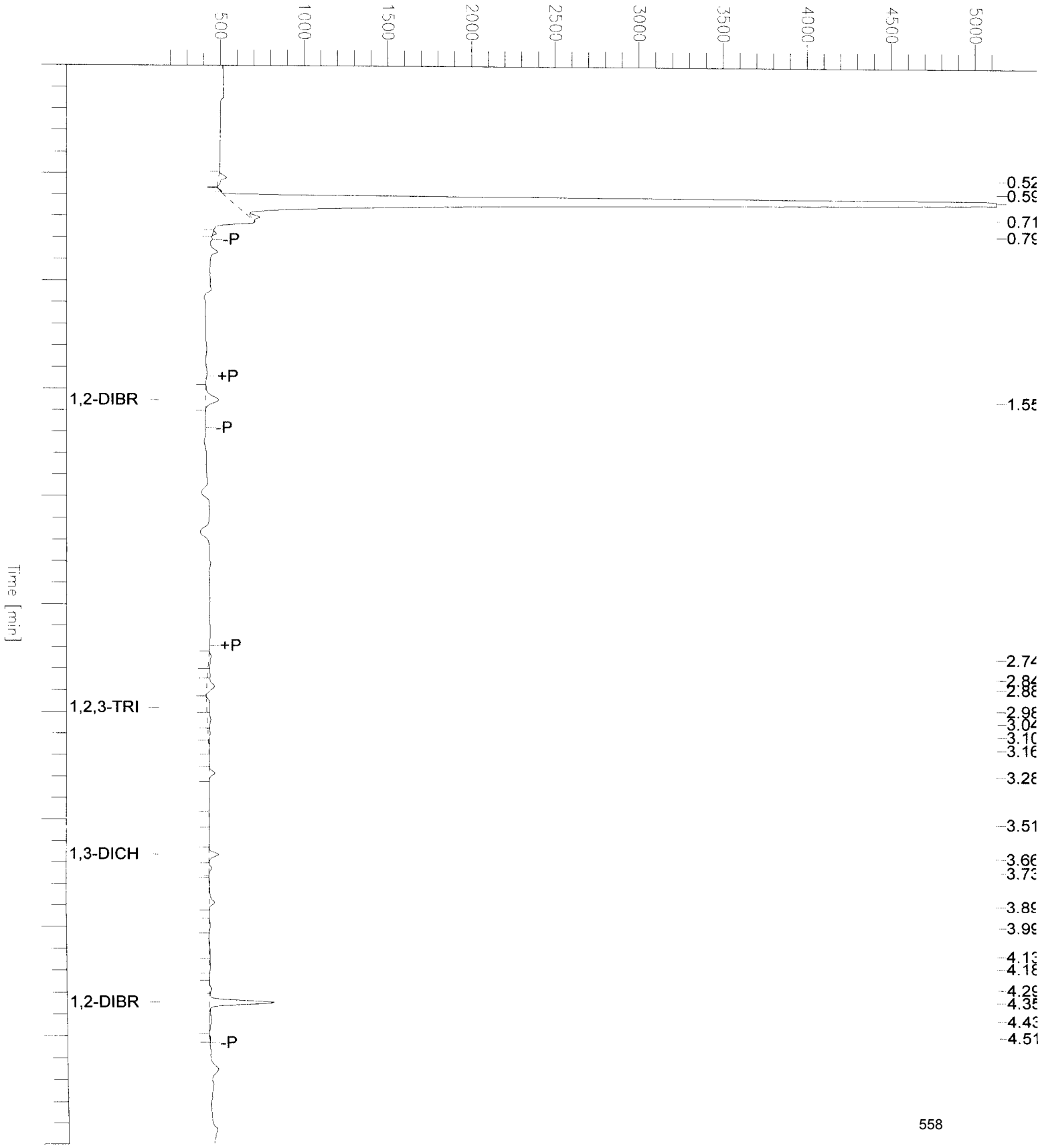
==========
==========

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFA022.TX0

Chromatogram

Sample Name : 7G06016-MSD1
FileName : G:\TC4\HP6890\JULY\9GFA022.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 129 mV

Sample #: 22
Date : 7/17/07 03:02 PM
Time of Injection: 7/11/07 08:28 PM
Low Point : 129.07 mV High Point : 5129.07 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : 7G06016-MSD1 Time : 7/12/07 02:32 PM
Sample Number: 22 Study : 8011 WATER
Operator : GGM

Instrument : JSVGCECD2 Channel : B A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 08:28 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFB022.RAW
Result File : C:\TC4\HP6890\JULY\9GFB022.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFB022.rst
Proc Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB022.rst
Calib Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB022.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR B) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011b9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

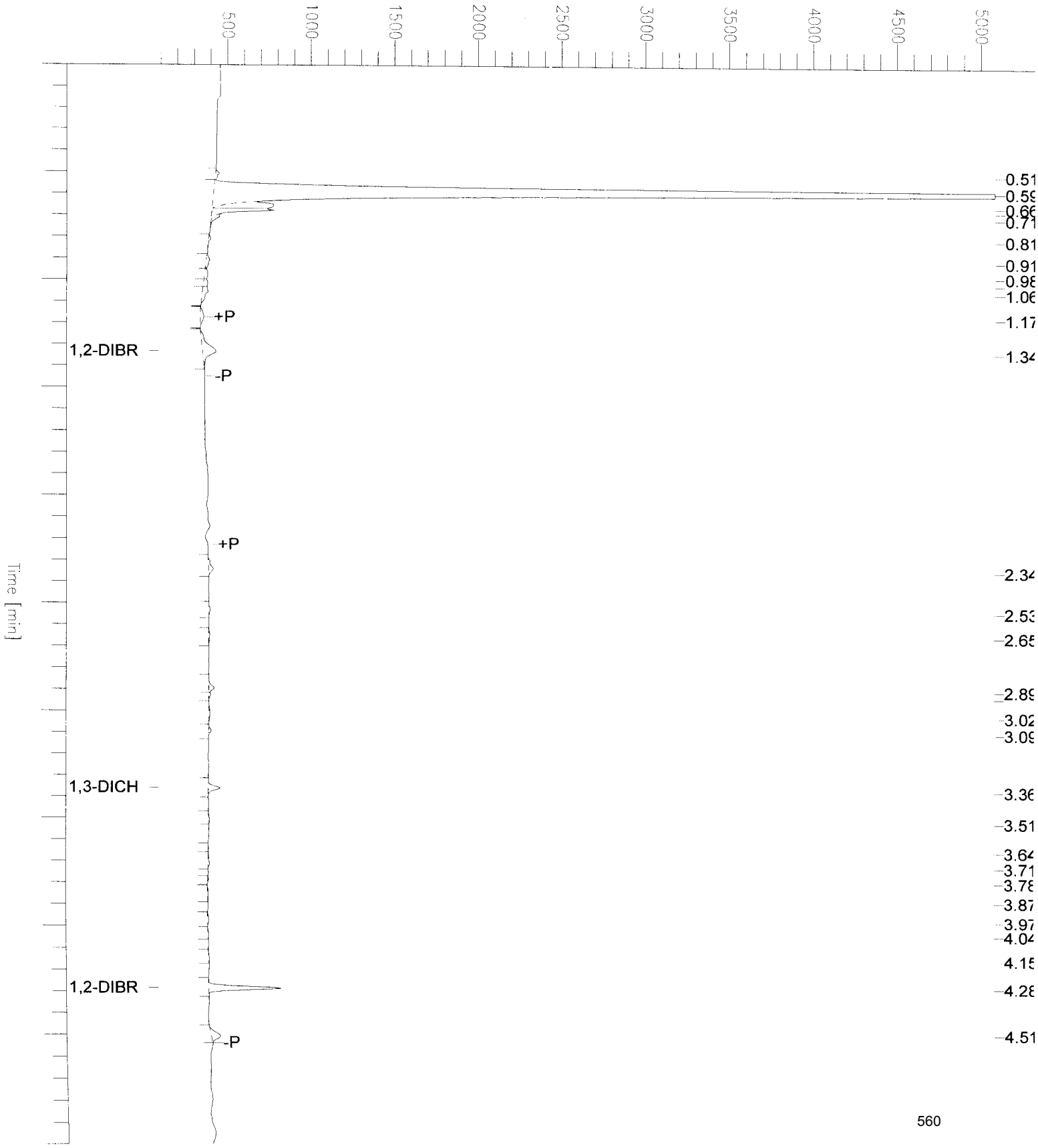
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
12	1.336	1,2-Dibromoethane	305322.86	0.2327	0.2327
0	2.739	1,2,3-Trichloropropane	0.00	0.0000	0.0000
20	3.360	1,3-Dichlorobenzene	95321.65	0.7080	0.7080
29	4.284	1,2-Dibromo-3-chloropropane	484332.71	0.1921	0.1921
			884977.22	1.1328	1.1328

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFB022.TX0

Chromatogram

Sample Name : 7G06016-MSD1
FileName : G:\TC4\HP6890\JULY\9GFB022.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 86 mV

Sample #: 22
Date : 7/17/07 03:02 PM
Time of Injection: 7/11/07 08:28 PM
Low Point : 86.32 mV High Point : 5086.32 mV
Plot Scale: 5000.0 mV



8011 Raw Data

Software Version: 4.1<1L22>
Sample Name : B705885-01
Sample Number: 26
Operator : GGM

Time : 7/12/07 02:32 PM
Study : 8011 WATER

Instrument : JSVGCECD2
AutoSampler :
Rack/Vial : 0/0

Channel : B A/D mV Range : 10000

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 09:13 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFB026.RAW
Result File : C:\TC4\HP6890\JULY\9GFB026.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFB026.rst
Proc Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB026.rst
Calib Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB026.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR B) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011b9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

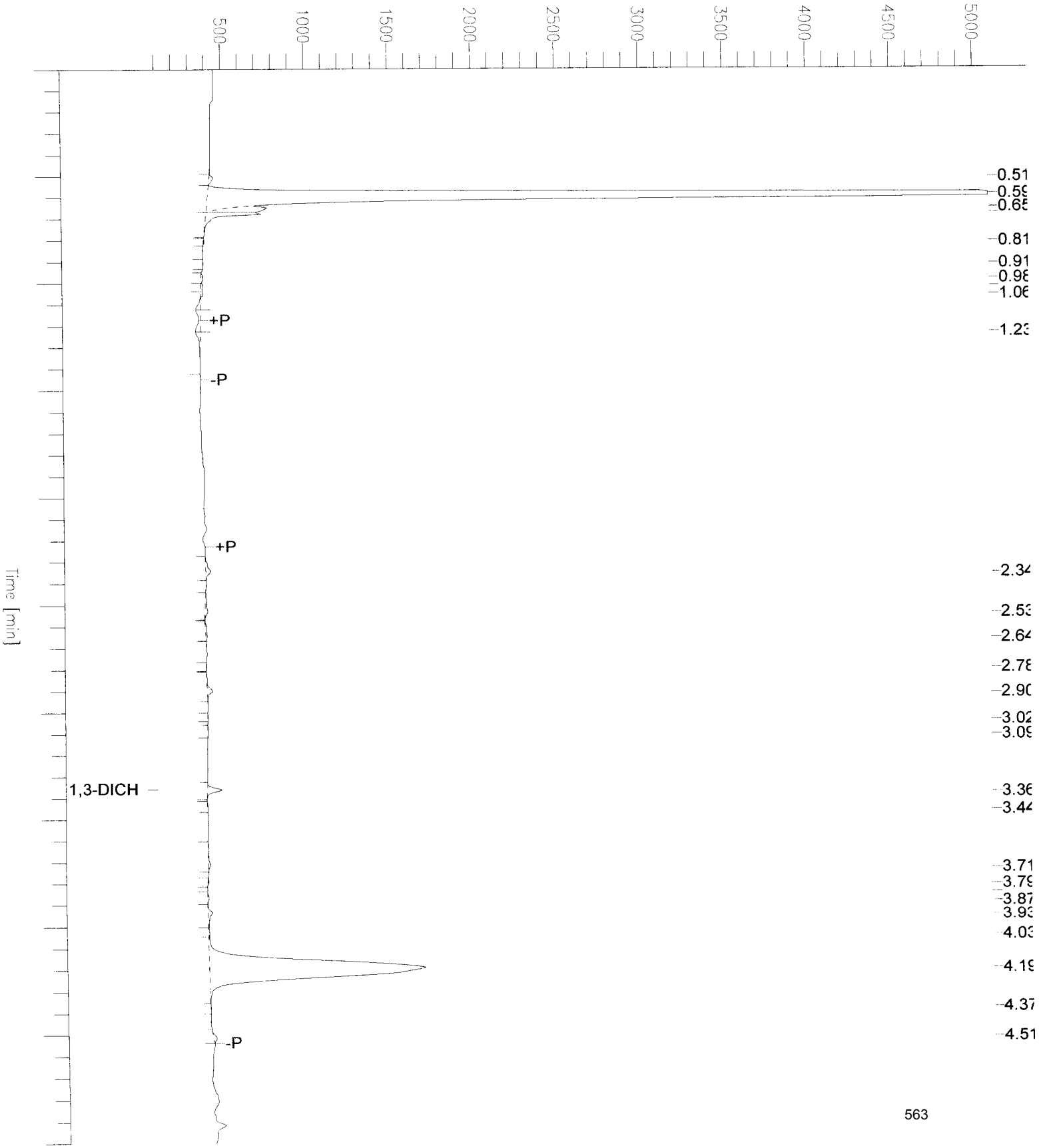
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
0	1.333	1,2-Dibromoethane	0.00	0.0000	0.0000
0	2.739	1,2,3-Trichloropropane	0.00	0.0000	0.0000
19	3.359	1,3-Dichlorobenzene	116857.90	0.8680	0.8680
0	4.283	1,2-Dibromo-3-chloropropane	0.00	0.0000	0.0000
			116857.90	0.8680	0.8680

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFB026.TX0

Chromatogram

Sample Name : B705885-01
FileName : G:\TC4\HP6890\JULY\9GFB026.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 87 mV

Sample #: 26
Date : 7/17/07 03:05 PM
Time of Injection: 7/11/07 09:13 PM
Low Point : 86.76 mV High Point : 5086.76 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : B705885-01 Time : 7/12/07 03:05 PM
Sample Number: 26 Study : 8011 WATER
Operator : GGM

Instrument : JSVGCECD2 Channel : A A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 09:13 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFA026.RAW
Result File : C:\TC4\HP6890\JULY\9GFA026.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFA026.rst
Proc Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA026.rst
Calib Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA026.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

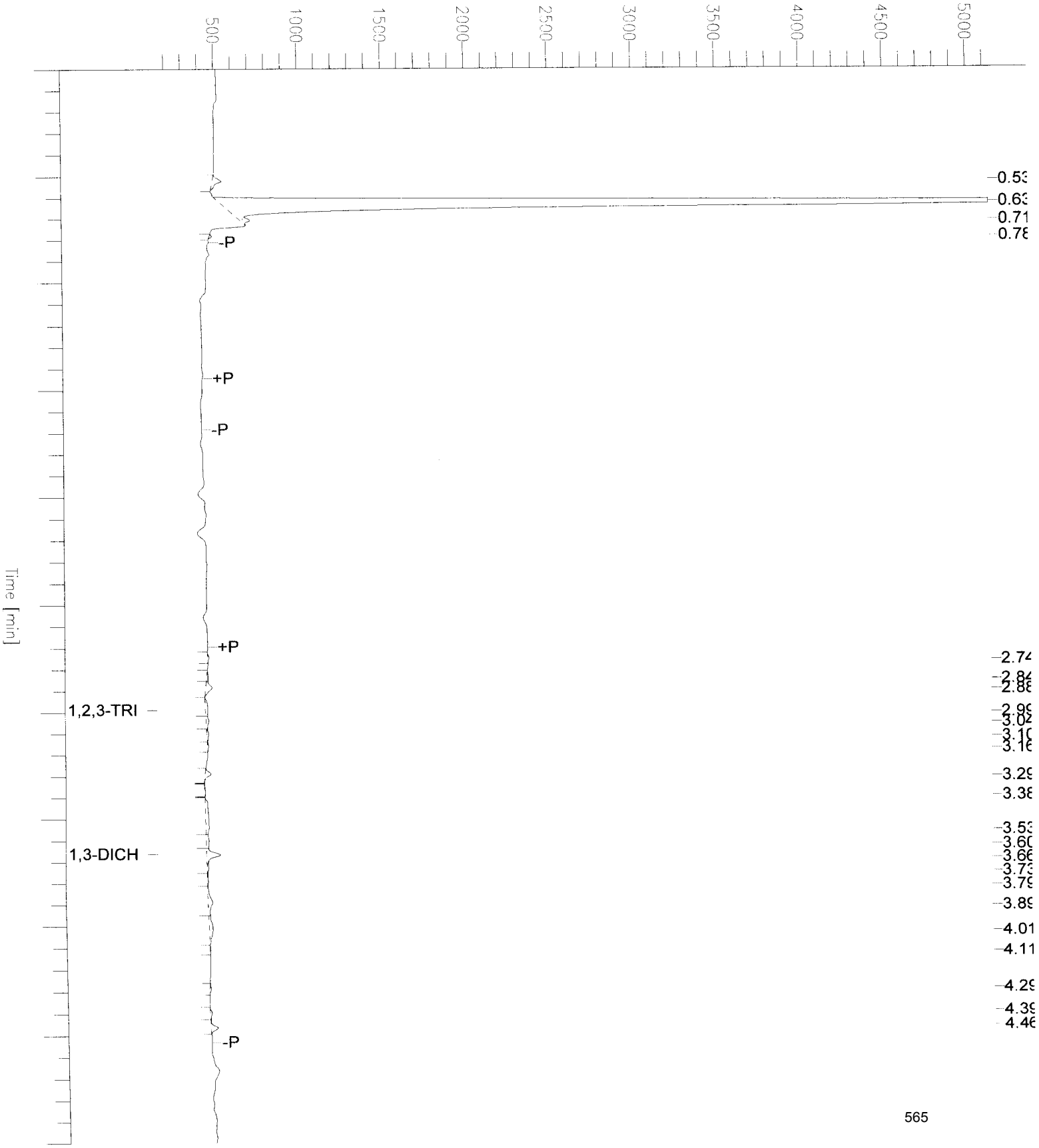
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
0	1.549	1,2-Dibromoethane [2C]	0.00	0.0000	0.0000
8	2.988	1,2,3-Trichloropropane [2C]	57572.91	0.1587	0.1587
16	3.662	1,3-Dichlorobenzene [2C]	146076.79	1.2324	1.2324
0	4.344	1,2-Dibromo-3-chloropropane [2	0.00	0.0000	0.0000
			203649.71	1.3911	1.3911

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFA026.TX0

Chromatogram

Sample Name : B705885-01
FileName : G:\TC4\HP6890\JULY\9GFA026.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 132 mV

Sample #: 26
Date : 7/17/07 03:04 PM
Time of Injection: 7/11/07 09:13 PM
Low Point : 131.55 mV High Point : 5131.55 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : B705885-02 Time : 7/12/07 02:32 PM
Sample Number: 27 Study : 8011 WATER
Operator : GGM

Instrument : JSVGCECD2 Channel : B A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 09:25 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFB027.RAW
Result File : C:\TC4\HP6890\JULY\9GFB027.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFB027.rst
Proc Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB027.rst
Calib Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB027.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

RR, possible water in vial
7-13-07

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR B) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011b9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

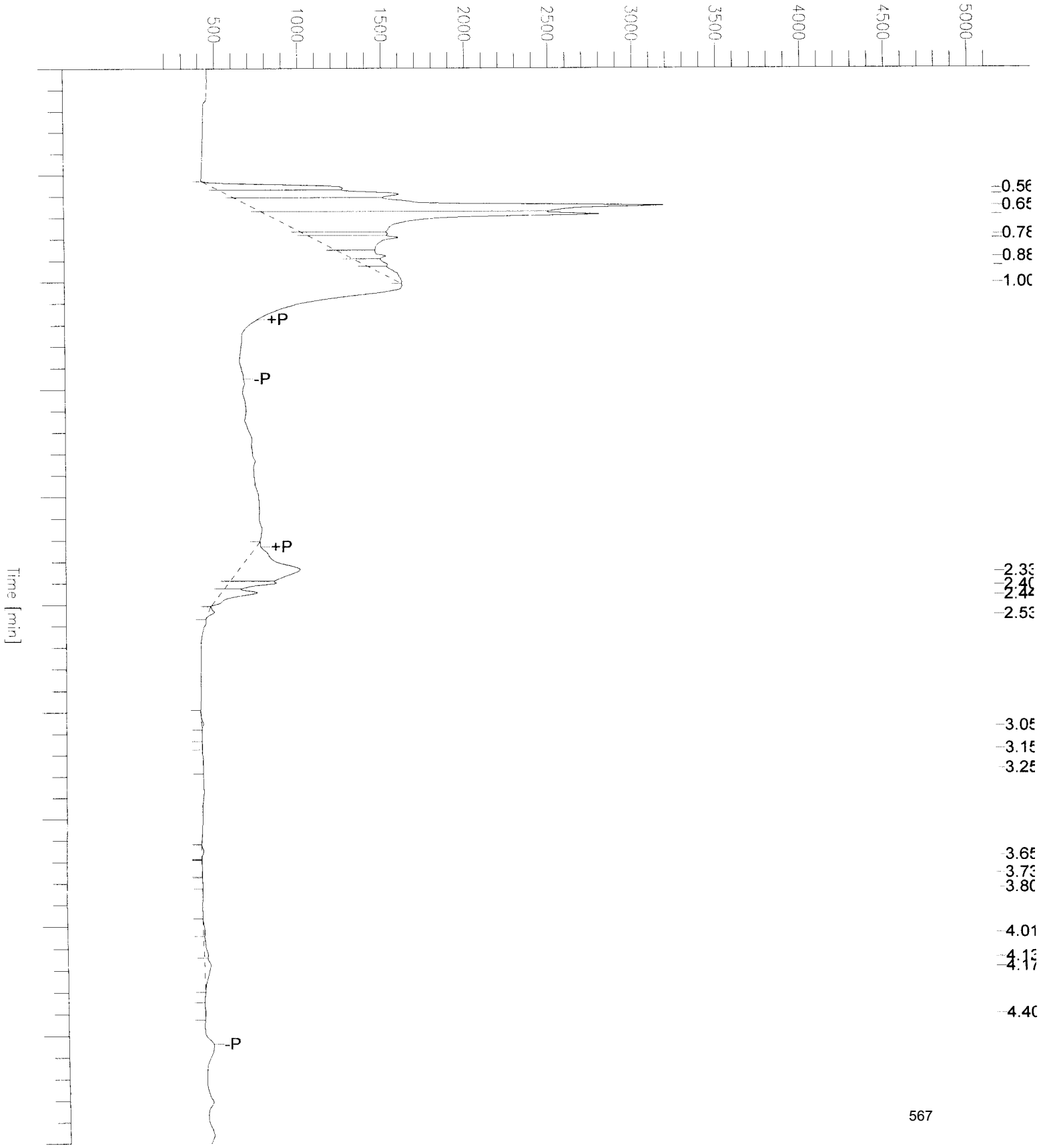
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
0	1.333	1,2-Dibromoethane	0.00	0.0000	0.0000
0	2.739	1,2,3-Trichloropropane	0.00	0.0000	0.0000
0	3.358	1,3-Dichlorobenzene	0.00	0.0000	0.0000
0	4.283	1,2-Dibromo-3-chloropropane	0.00	0.0000	0.0000
			0.00	0.0000	0.0000

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFB027.TX0

Chromatogram

Sample Name : B705885-02
FileName : G:\TC4\HP6890\JULY\9GFB027.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 145 mV

Sample #: 27
Date : 7/17/07 03:05 PM
Time of Injection: 7/11/07 09:25 PM
Low Point : 144.95 mV High Point : 5144.95 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : B705885-02 Time : 7/12/07 03:05 PM
Sample Number: 27 Study : 8011 WATER
Operator : GGM

Instrument : JSVGCECD2 Channel : A A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 09:25 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFA027.RAW
Result File : C:\TC4\HP6890\JULY\9GFA027.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFA027.rst
Proc Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA027.rst
Calib Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA027.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

==========
PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
8	1.563	1,2-Dibromoethane [2C]	54825.08	0.0517	0.0517
0	2.991	1,2,3-Trichloropropane [2C]	0.00	0.0000	0.0000
18	3.659	1,3-Dichlorobenzene [2C]	45914.55	0.3874	0.3874
0	4.344	1,2-Dibromo-3-chloropropane [2	0.00	0.0000	0.0000
			100739.63	0.4391	0.4391

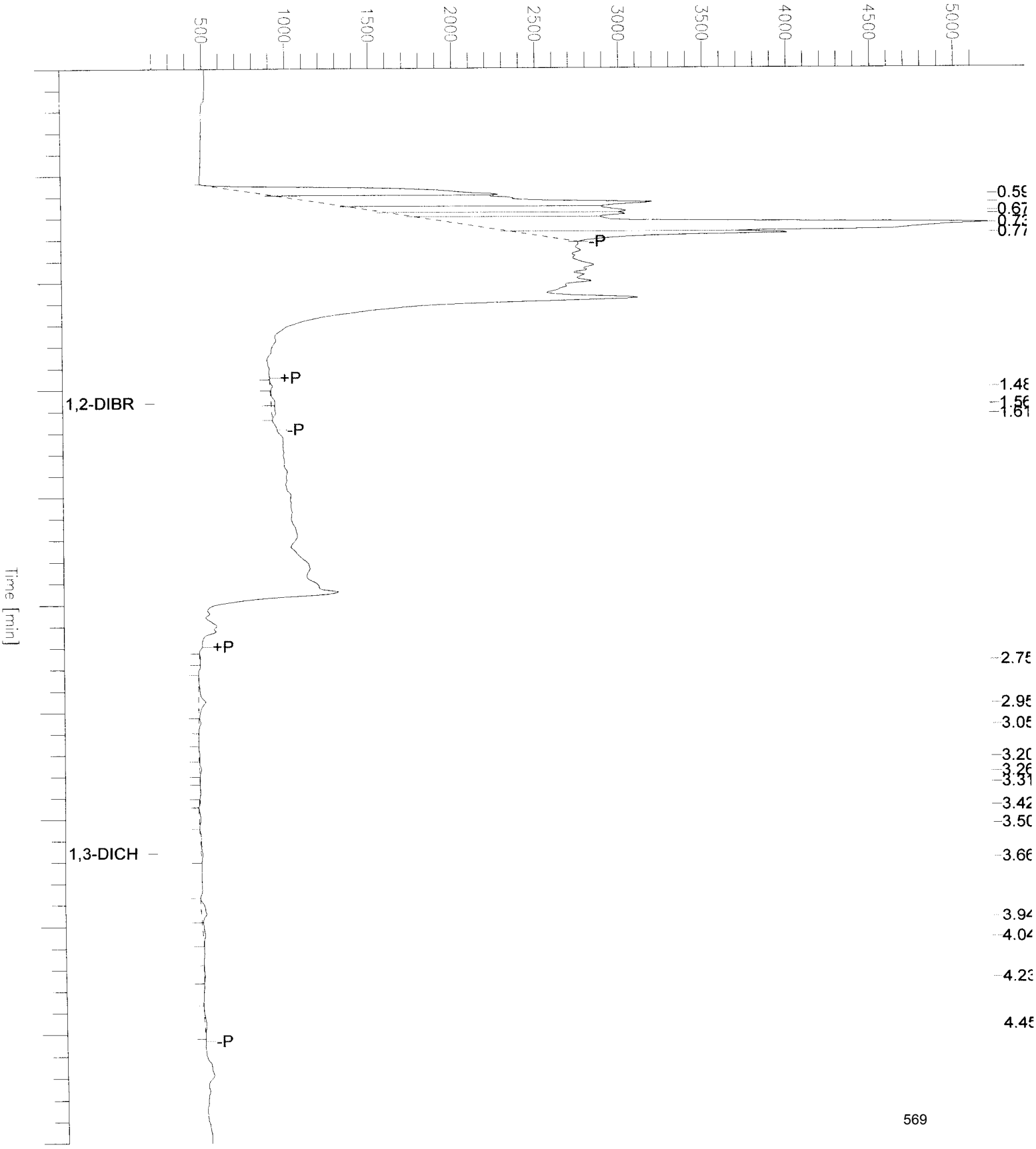
==========
==========

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFA027.TX0

Chromatogram

Sample Name : B705885-02
FileName : G:\TC4\HP6890\JULY\9GFA027.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 199 mV

Sample #: 27
Date : 7/17/07 03:04 PM
Time of Injection: 7/11/07 09:25 PM
Low Point : 199.35 mV High Point : 5199.35 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : B705885-02RE1 Time : 7/13/07 01:13 PM
Sample Number: 4 Study : 8011 EDB
Operator : GGM

Instrument : JSVGCECD2 Channel : B A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/12/07 05:13 PM
Delay Time : 0.00 min.
End Time : 7.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GGB004.RAW
Result File : C:\TC4\HP6890\JULY\9GGB004.RST
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GGB004.RST
Proc Method : C:\TC4\HP6890\8011B9GF.mth
Calib Method : C:\TC4\HP6890\8011B9GF.mth
Sequence File : C:\TC4\SEQUEN~1\9GG.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

L

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR B) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011b9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

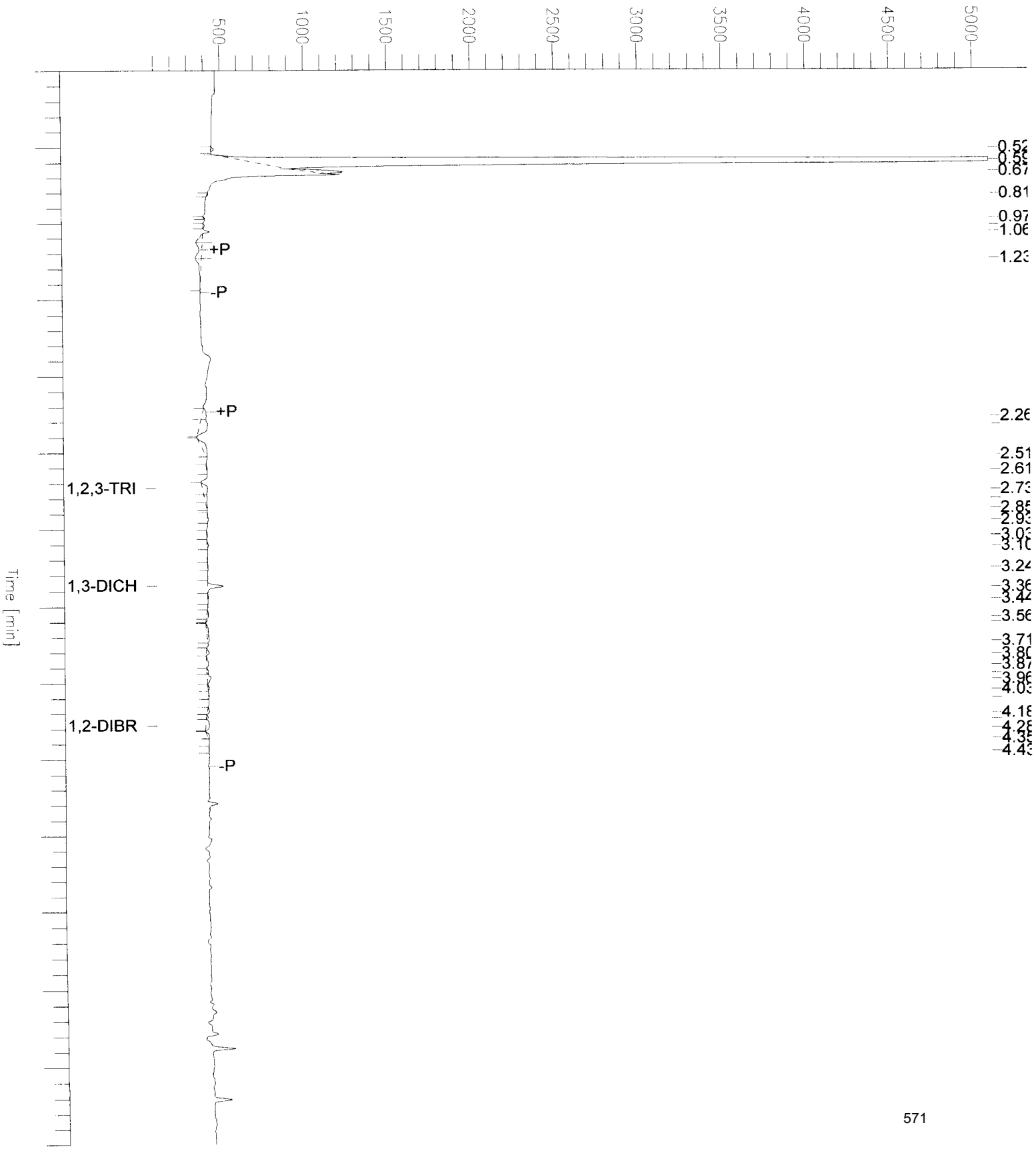
Peak #	Time [min]	Component Name	Area [uV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
0	1.333	1,2-Dibromoethane	0.00	0.0000	~~0.0000~~
14	2.731	1,2,3-Trichloropropane	114398.32	0.5863	0.5863
21	3.364	1,3-Dichlorobenzene	127860.06	0.9497	0.9497
34	4.278	1,2-Dibromo-3-chloropropane	65330.79	0.0259	~~0.0259~~
			307589.17	1.5620	1.5620

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GGB004.TXO

Chromatogram

Sample Name : B705885-02RE1
FileName : G:\TC4\HP6890\JULY\9GGB004.RAW
Method :
Start Time : 0.00 min End Time : 7.00 min
Scale Factor: -1.0 Plot Offset: 94 mV

Sample #: 4
Date : 7/17/07 03:22 PM
Time of Injection: 7/12/07 05:13 PM
Low Point : 94.29 mV High Point : 5094.29 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : B705885-02RE1
Sample Number: 4
Operator : GGM

Time : 7/13/07 01:13 PM
Study : 8011 EDB

Instrument : JSVGCECD2
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 10000

Interface Serial # : 4207271739 Data Acquisition Time: 7/12/07 05:13 PM
Delay Time : 0.00 min.
End Time : 7.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GGA004.RAW
Result File : C:\TC4\HP6890\JULY\9GGA004.RST
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GGA004.RST
Proc Method : C:\TC4\HP6890\8011A9GF.mth
Calib Method : C:\TC4\HP6890\8011A9GF.mth
Sequence File : C:\TC4\SEQUEN~1\9GG.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

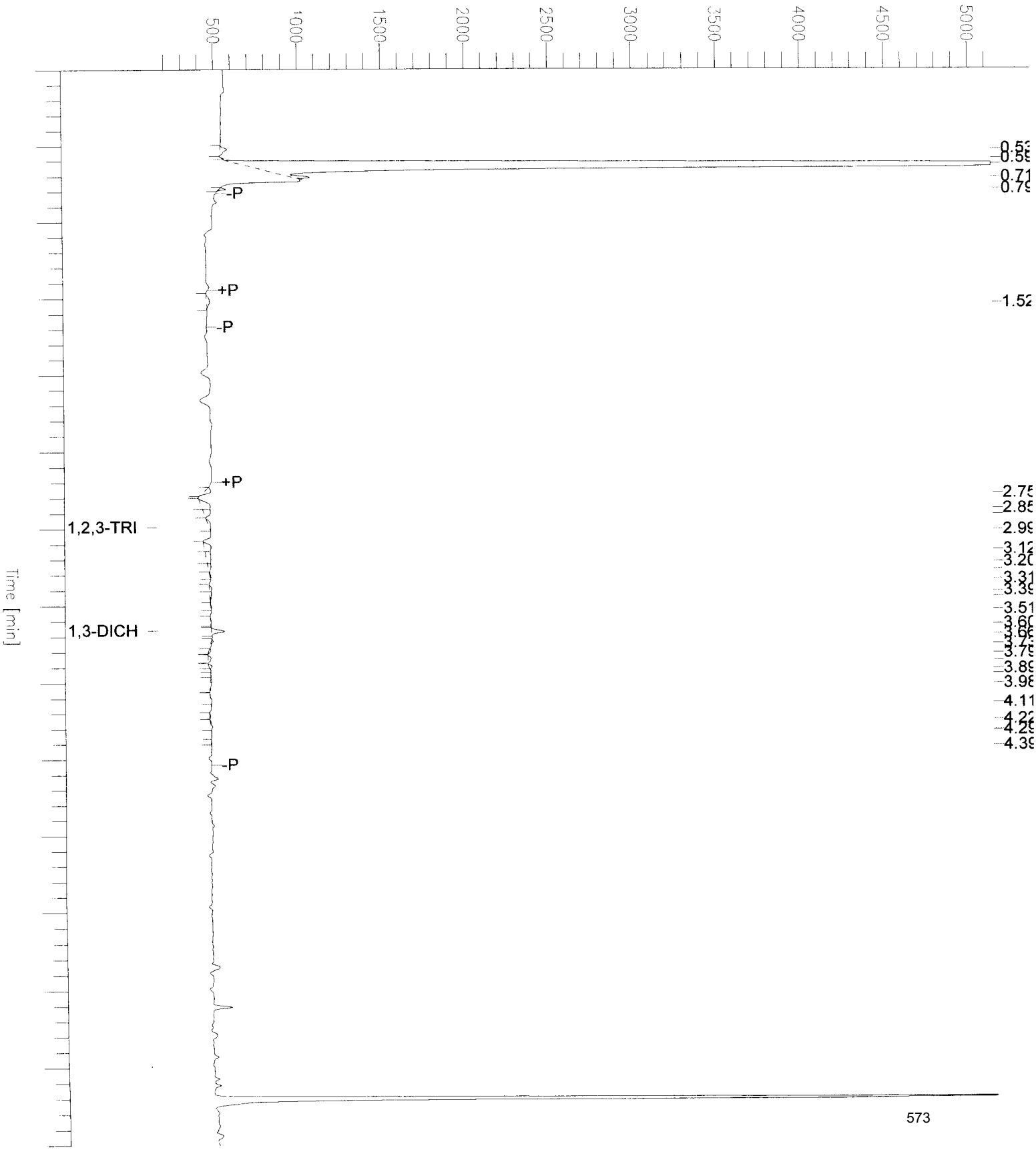
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
0	1.549	1,2-Dibromoethane [2C]	0.00	0.0000	0.0000
10	2.988	1,2,3-Trichloropropane [2C]	48039.14	0.1324	0.1324
19	3.661	1,3-Dichlorobenzene [2C]	101857.90	0.8593	0.8593
0	4.344	1,2-Dibromo-3-chloropropane [2	0.00	0.0000	0.0000
			149897.04	0.9917	0.9917

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GGA004.TXO

Chromatogram

Sample Name : B705885-02RE1
FileName : G:\TC4\HP6890\JULY\9GGA004.RAW
Method :
Start Time : 0.00 min End Time : 7.00 min
Scale Factor: -1.0 Plot Offset: 137 mV

Sample #: 4 Page 1 of 1
Date : 7/17/07 03:23 PM
Time of Injection: 7/12/07 05:13 PM
Low Point : 137.49 mV High Point : 5137.49 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : B705885-03 Time : 7/12/07 02:32 PM
Sample Number: 28 Study : 8011 WATER
Operator : GGM

Instrument : JSVGCECD2 Channel : B A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 09:36 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFB028.RAW
Result File : C:\TC4\HP6890\JULY\9GFB028.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFB028.rst
Proc Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB028.rst
Calib Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB028.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

L

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR B) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011b9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

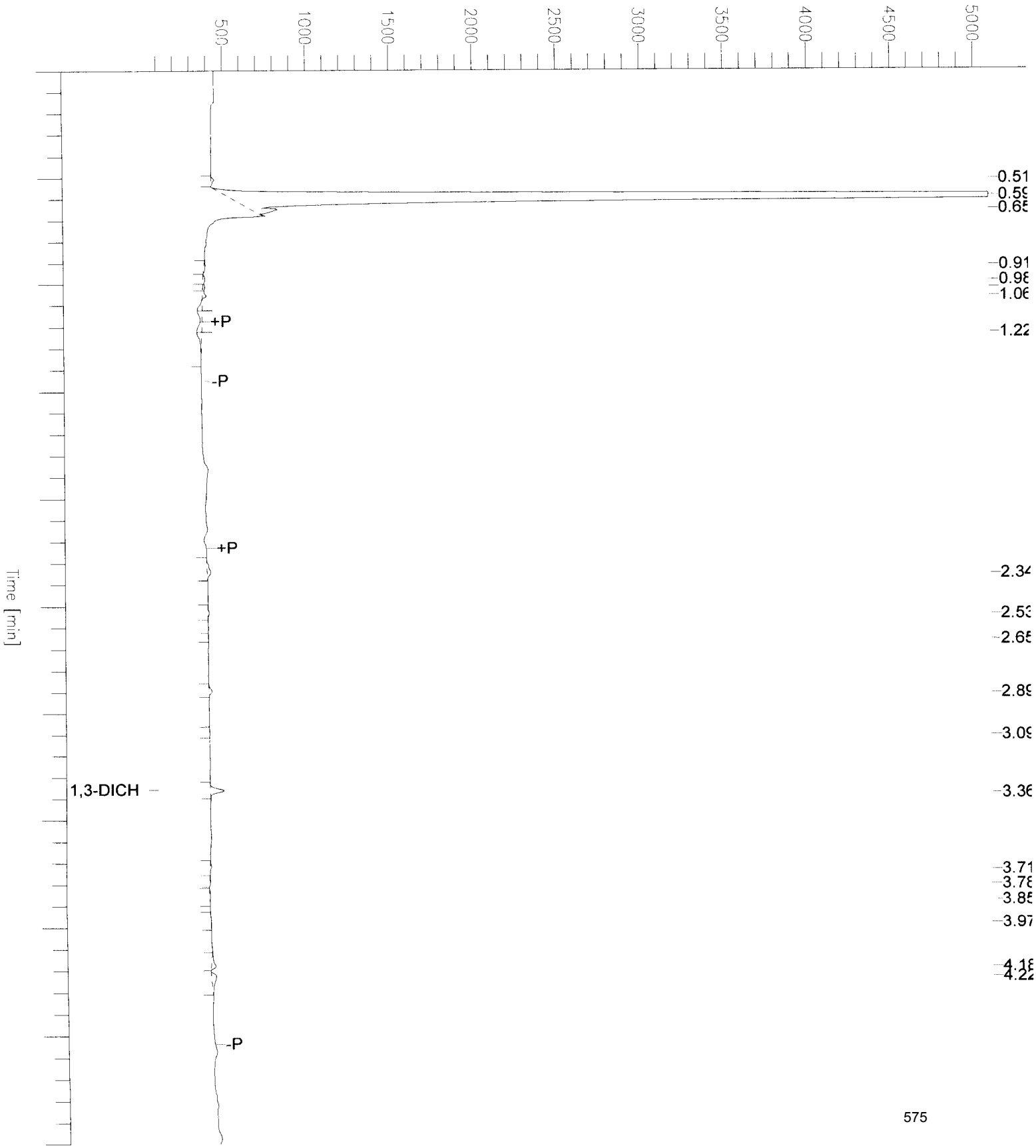
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
0	1.333	1,2-Dibromoethane	0.00	0.0000	~~0.0000~~
0	2.739	1,2,3-Trichloropropane	0.00	0.0000	0.0000
15	3.358	1,3-Dichlorobenzene	107536.01	0.7988	0.7988
0	4.283	1,2-Dibromo-3-chloropropane	0.00	0.0000	~~0.0000~~
			107536.01	0.7988	0.7988

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFB028.TX0

Chromatogram

Sample Name : B705885-03
FileName : G:\TC4\HP6890\JULY\9GFB028.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 85 mV

Sample #: 28
Date : 7/17/07 03:05 PM
Time of Injection: 7/11/07 09:36 PM
Low Point : 84.73 mV High Point : 5084.73 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : B705885-03 Time : 7/13/07 09:51 AM
Sample Number: 28 Study : 8011 WATER
Operator : GGM

Instrument : JSVGCECD2 Channel : A A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 09:36 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFA028.RAW
Result File : C:\TC4\HP6890\JULY\9GFA028.RST
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFA028.RST
Proc Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA028.RST
Calib Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA028.RST
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

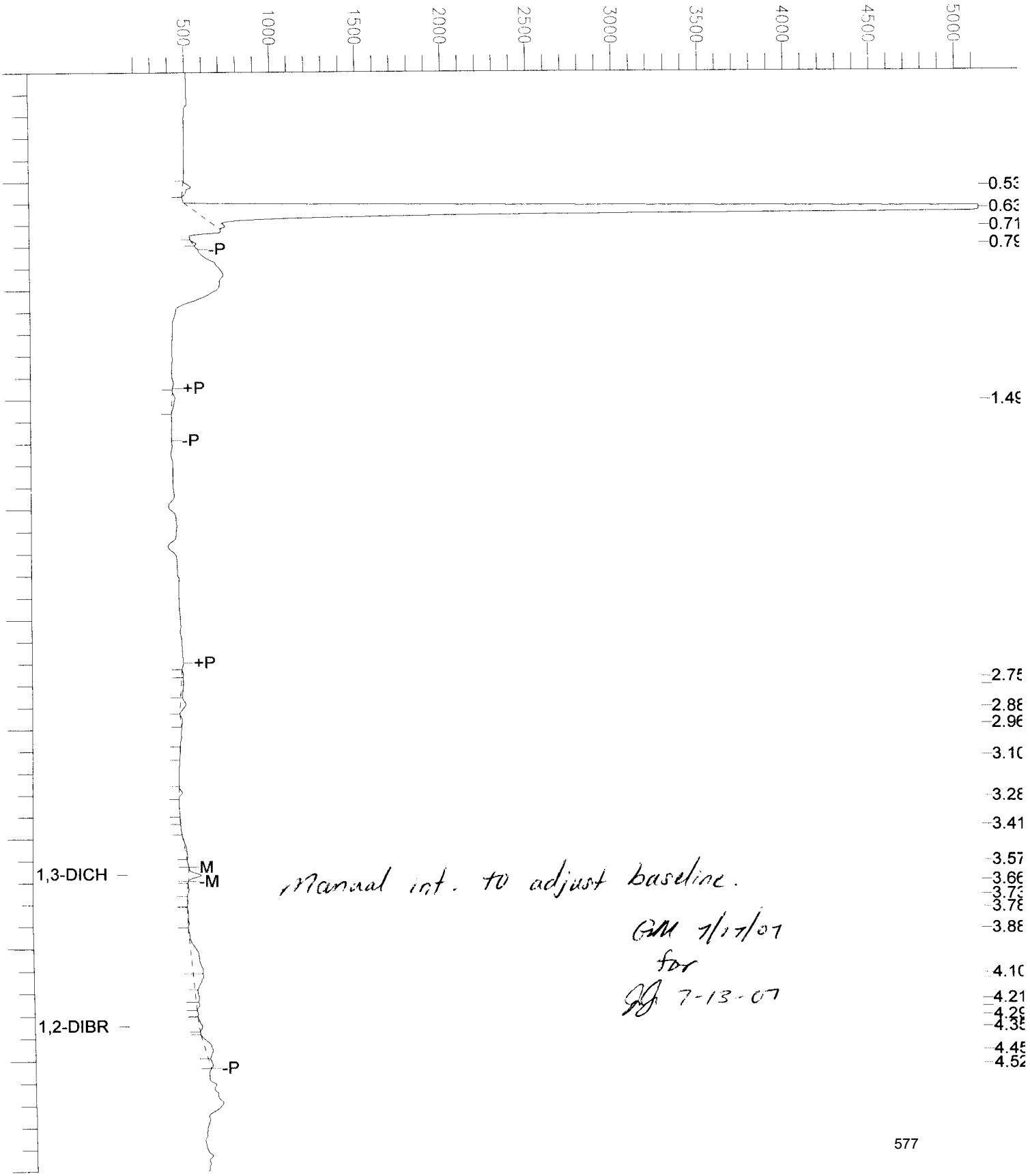
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
0	1.549	1,2-Dibromoethane [2C]	0.00	0.0000	0.0000
0	2.991	1,2,3-Trichloropropane [2C]	0.00	0.0000	0.0000
14	3.660	1,3-Dichlorobenzene [2C]	100808.93	0.8505	0.8505
23	4.345	1,2-Dibromo-3-chloropropane [2	35566.49	0.0152	0.0152
			136375.42	0.8657	0.8657

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFA028.TX0

Chromatogram

Sample Name : B705885-03
FileName : G:\TC4\HP6890\JULY\9GFA028.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 135 mV

Sample #: 28
Date : 7/17/07 03:04 PM
Time of Injection: 7/11/07 09:36 PM
Low Point : 134.66 mV High Point : 5134.66 mV
Plot Scale: 5000.0 mV



Manual int. to adjust baseline.
GM 7/17/07
for
SG 7-13-07

Software Version: 4.1<1L22>
Sample Name : B705885-04
Sample Number: 30
Operator : GGM

Time : 7/12/07 02:33 PM
Study : 8011 WATER

Instrument : JSVGCECD2
AutoSampler :
Rack/Vial : 0/0

Channel : B A/D mV Range : 10000

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 09:59 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFB030.RAW
Result File : C:\TC4\HP6890\JULY\9GFB030.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFB030.rst
Proc Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB030.rst
Calib Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB030.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

<

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR B) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011b9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

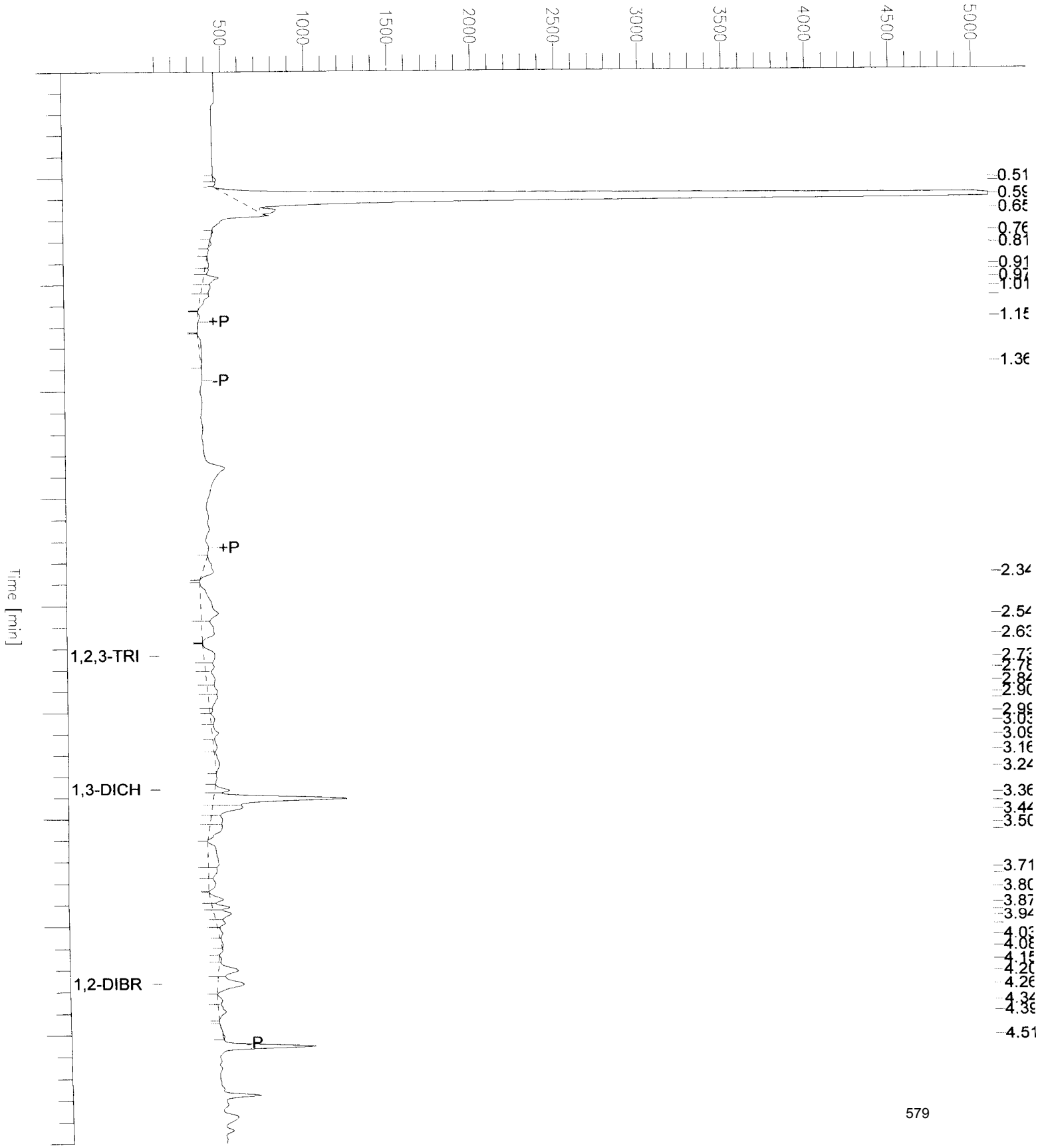
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
0	1.333	1,2-Dibromoethane	0.00	0.0000	0.0000
17	2.733	1,2,3-Trichloropropane	236437.60	1.2118	1.2118
27	3.360	1,3-Dichlorobenzene	110454.79	0.8204	0.8204
43	4.264	1,2-Dibromo-3-chloropropane	373425.09	0.1481	0.1481
			720317.48	2.1804	2.1804

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFB030.TX0

Chromatogram

Sample Name : B705885-04
FileName : G:\TC4\HP6890\JULY\9GFB030.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 92 mV

Sample #: 30
Date : 7/17/07 03:05 PM
Time of Injection: 7/11/07 09:59 PM
Low Point : 92.32 mV High Point : 5092.32 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : B705885-04
Sample Number: 30
Operator : GGM

Time : 7/13/07 09:55 AM
Study : 8011 WATER

Instrument : JSVGCECD2
AutoSampler :
Rack/Vial : 0/0

Channel : A A/D mV Range : 10000

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 09:59 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFA030.RAW
Result File : C:\TC4\HP6890\JULY\9GFA030.RST
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFA030.RST
Proc Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA030.RST
Calib Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA030.RST
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

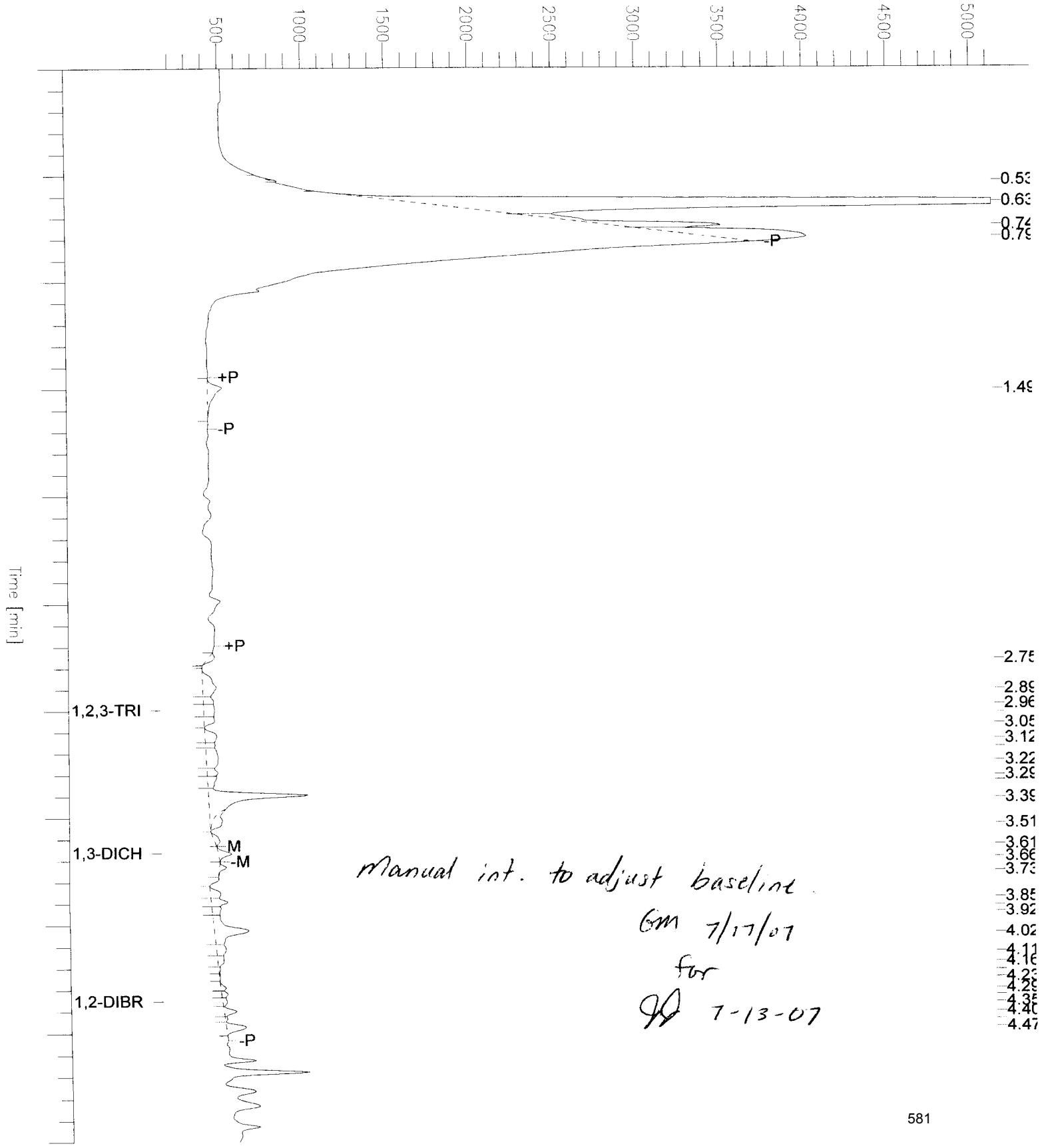
Peak #	Time [min]	Component Name	Area [uV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
0	1.549	1,2-Dibromoethane [2C]	0.00	0.0000	0.0000
9	2.996	1,2,3-Trichloropropane [2C]	224570.25	0.6190	0.6190
19	3.663	1,3-Dichlorobenzene [2C]	130849.74	1.1039	1.1039
31	4.352	1,2-Dibromo-3-chloropropane [2	47376.04	0.0203	0.0203
			402796.03	1.7432	1.7432

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFA030.TXO

Chromatogram

Sample Name : B705885-04
FileName : G:\TC4\HP6890\JULY\9GFA030.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 130 mV

Sample #: 30 Page 1 of 1
Date : 7/17/07 03:04 PM
Time of Injection: 7/11/07 09:59 PM
Low Point : 129.50 mV High Point : 5129.50 mV
Plot Scale: 5000.0 mV



Manual int. to adjust baseline.
GM 7/17/07
for
7-13-07

Software Version: 4.1<1L22>
Sample Name : B705885-05
Sample Number: 31
Operator : GGM

Time : 7/12/07 02:33 PM
Study : 8011 WATER

Instrument : JSVGCECD2
AutoSampler :
Rack/Vial : 0/0

Channel : B A/D mV Range : 10000

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 10:10 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFB031.RAW
Result File : C:\TC4\HP6890\JULY\9GFB031.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFB031.rst
Proc Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB031.rst
Calib Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB031.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

L

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR B) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011b9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

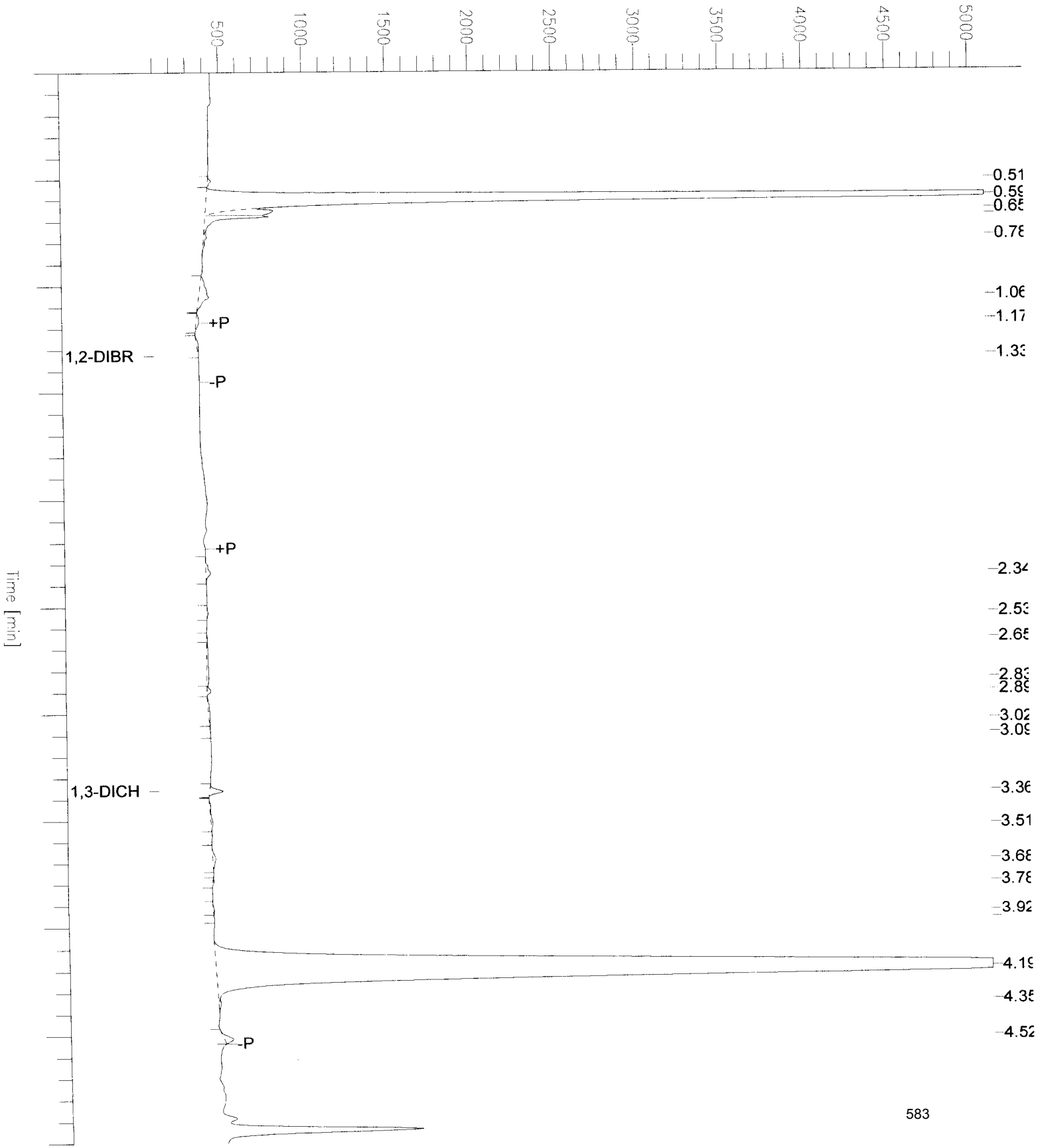
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
8	1.329	1,2-Dibromoethane	37337.98	0.0285	~~0.0285~~ NC
0	2.739	1,2,3-Trichloropropane	0.00	0.0000	0.0000
16	3.359	1,3-Dichlorobenzene	104673.55	0.7775	0.7775
0	4.283	1,2-Dibromo-3-chloropropane	0.00	0.0000	0.0000
			142011.53	0.8059	0.8059

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFB031.TXO

Chromatogram

Sample Name : B705885-05
FileName : G:\TC4\HP6890\JULY\9GFB031.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 92 mV

Sample #: 31
Date : 7/17/07 03:05 PM
Time of Injection: 7/11/07 10:10 PM
Low Point : 92.30 mV High Point : 5092.30 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : B705885-05 Time : 7/13/07 09:55 AM
Sample Number: 31 Study : 8011 WATER
Operator : GGM

Instrument : JSVGCECD2 Channel : A A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 10:10 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFA031.RAW
Result File : C:\TC4\HP6890\JULY\9GFA031.RST
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFA031.RST
Proc Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA031.RST
Calib Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA031.RST
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

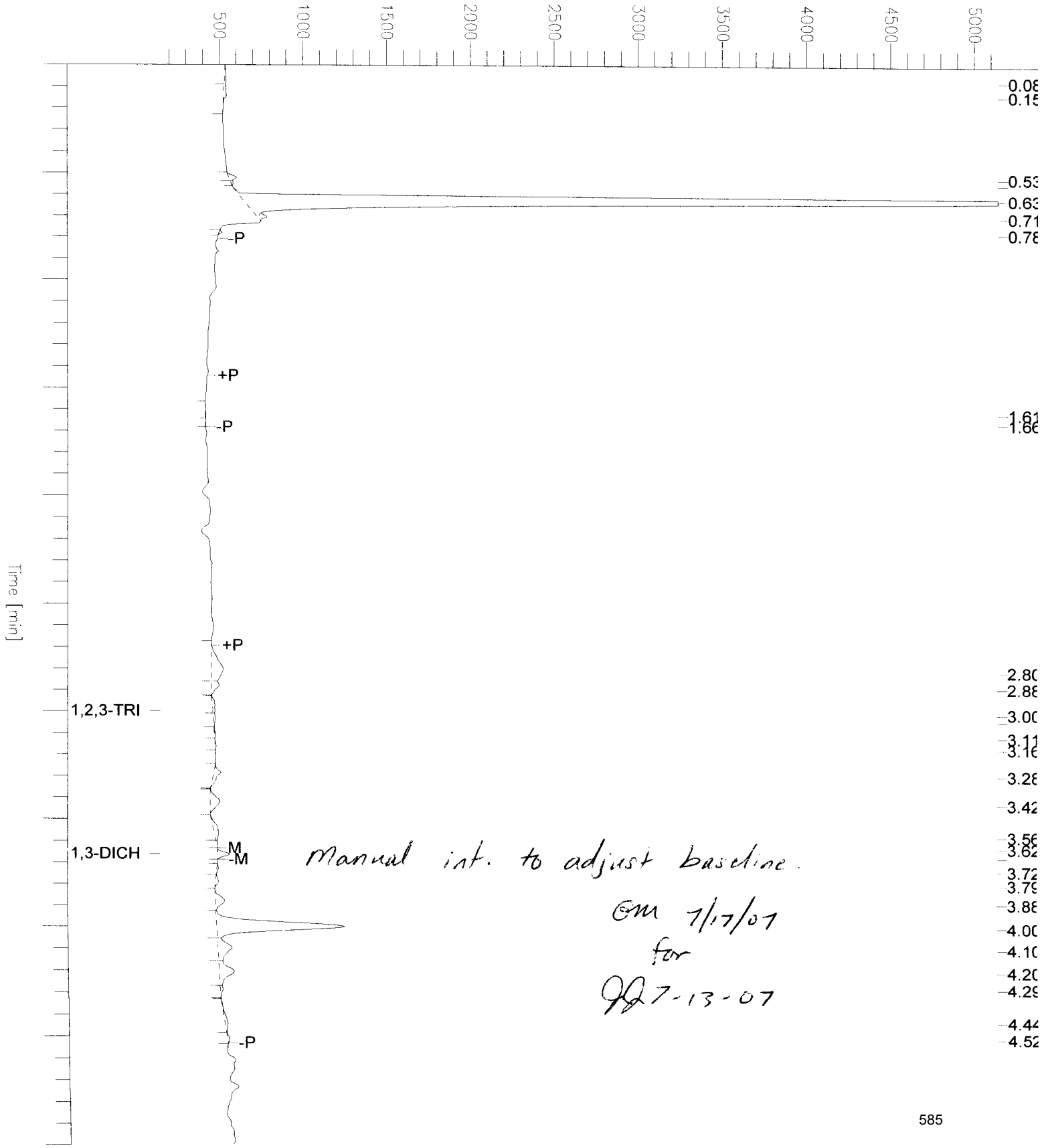
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
0	1.549	1,2-Dibromoethane [2C]	0.00	0.0000	0.0000
12	2.999	1,2,3-Trichloropropane [2C]	54210.31	0.1494	0.1494
20	3.661	1,3-Dichlorobenzene [2C]	93801.01	0.7913	0.7913
0	4.344	1,2-Dibromo-3-chloropropane [2	0.00	0.0000	0.0000
			148011.32	0.9408	0.9408

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFA031.TX0

Chromatogram

Sample Name : B705885-05
FileName : G:\TC4\HP6890\JULY\9GFA031.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 142 mV

Sample #: 31
Date : 7/17/07 03:04 PM
Time of Injection: 7/11/07 10:10 PM
Low Point : 141.50 mV High Point : 5141.50 mV
Plot Scale: 5000.0 mV



Manual int. to adjust baseline.
GM 7/17/07
for
JJ 7-13-07

Software Version: 4.1<1L22>
Sample Name : B705885-06 Time : 7/12/07 02:33 PM
Sample Number: 32 Study : 8011 WATER
Operator : GGM

Instrument : JSVGCECD2 Channel : B A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 10:21 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFB032.RAW
Result File : C:\TC4\HP6890\JULY\9GFB032.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFB032.rst
Proc Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB032.rst
Calib Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB032.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

<

Environmental Conservation Laboratories

==========
PRIMARY COLUMN (DETECTOR B) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011b9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
0	1.333	1,2-Dibromoethane	0.00	0.0000	0.0000
0	2.739	1,2,3-Trichloropropane	0.00	0.0000	0.0000
18	3.359	1,3-Dichlorobenzene	121887.17	0.9054	0.9054
0	4.283	1,2-Dibromo-3-chloropropane	0.00	0.0000	0.0000
			121887.17	0.9054	0.9054

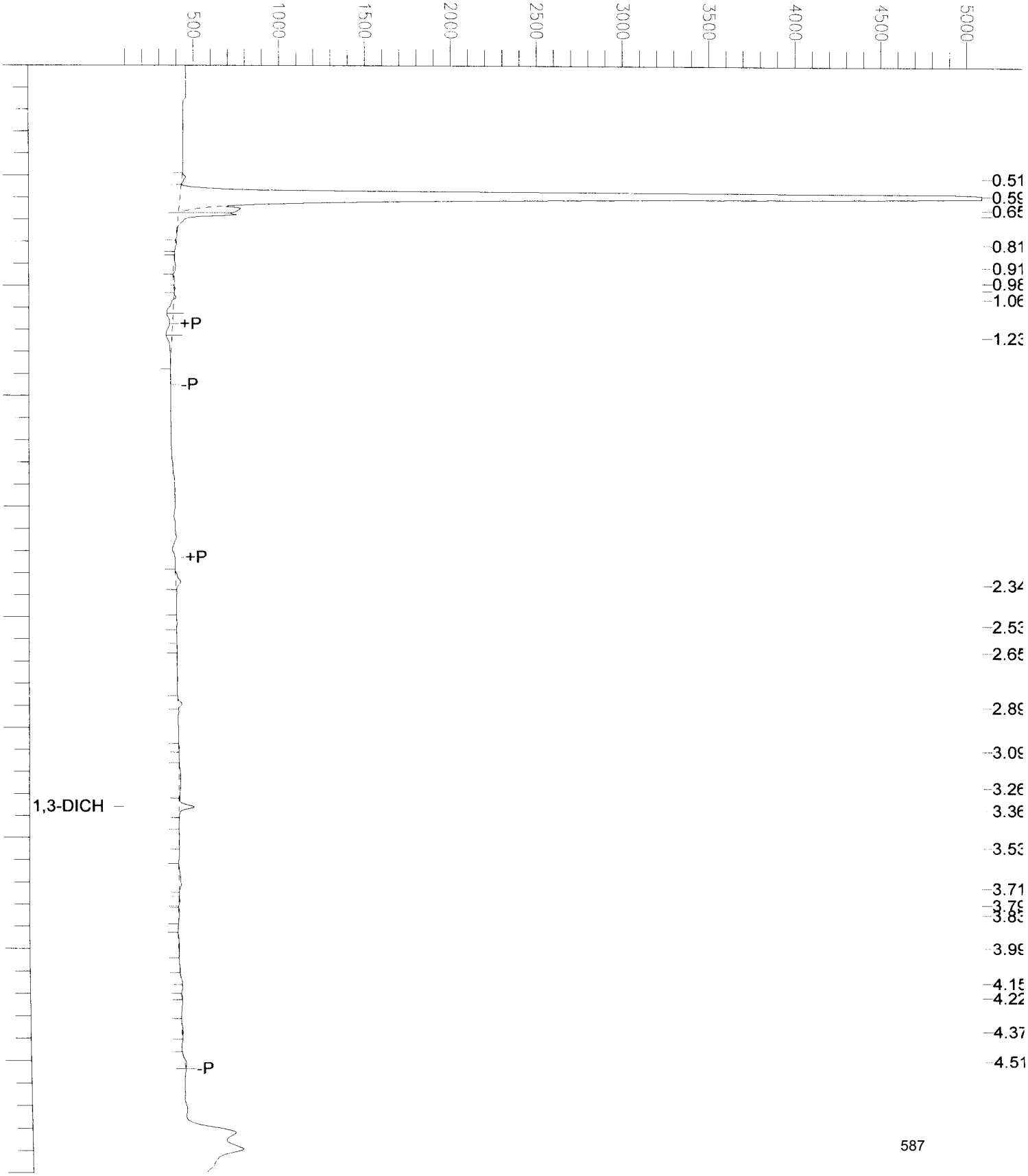
==========
==========

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFB032.TX0

Chromatogram

Sample Name : B705885-06
FileName : G:\TC4\HP6890\JULY\9GFB032.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 87 mV

Sample #: 32
Date : 7/17/07 03:05 PM
Time of Injection: 7/11/07 10:21 PM
Low Point : 86.72 mV High Point : 5086.72 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : B705885-06 Time : 7/13/07 09:55 AM
Sample Number: 32 Study : 8011 WATER
Operator : GGM

Instrument : JSVGCECD2 Channel : A A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 10:21 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFA032.RAW
Result File : C:\TC4\HP6890\JULY\9GFA032.RST
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFA032.RST
Proc Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA032.RST
Calib Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA032.RST
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

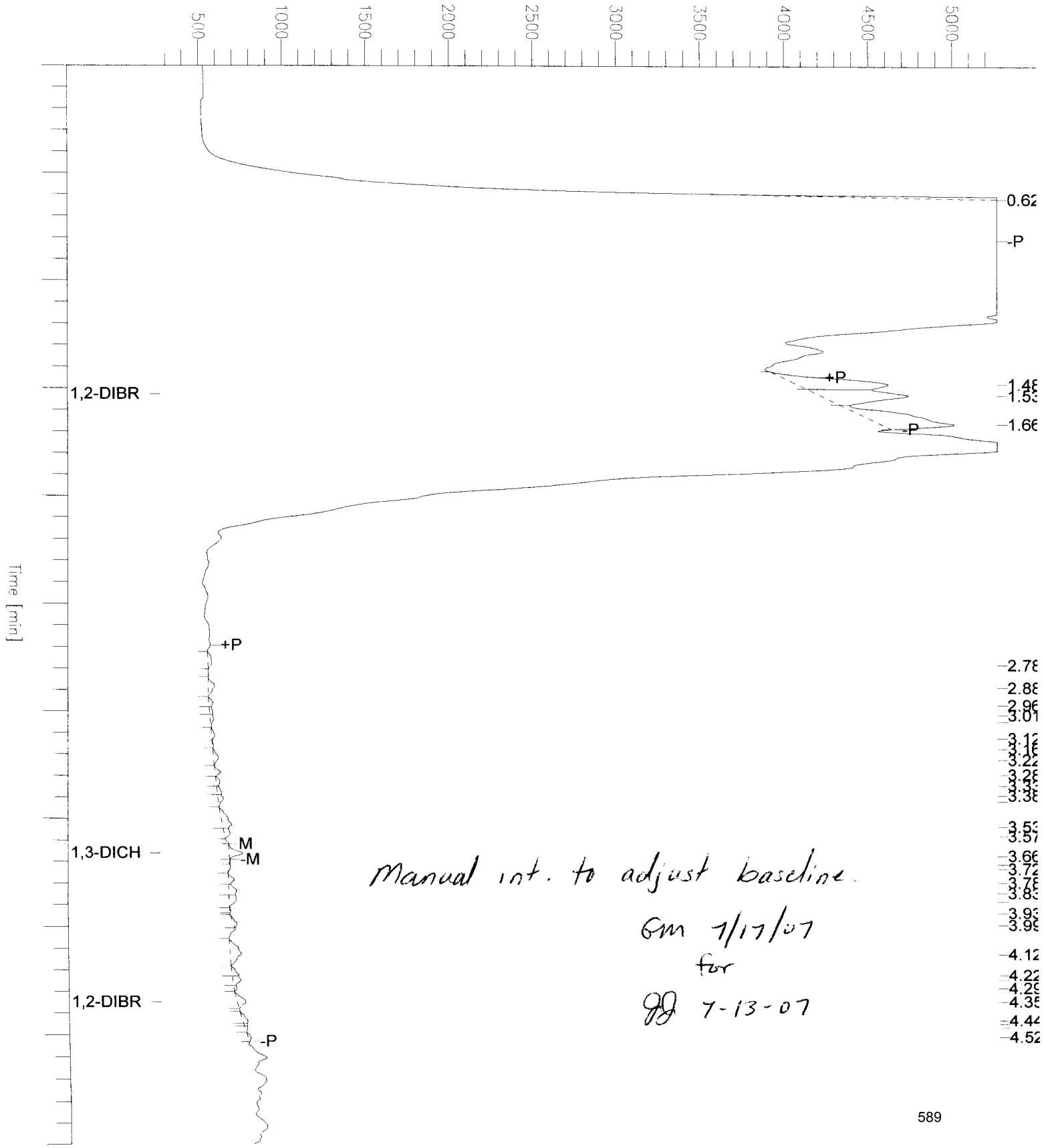
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
3	1.529	1,2-Dibromoethane [2C]	1515795.22	1.4295	1.4295
0	2.991	1,2,3-Trichloropropane [2C]	0.00	0.0000	0.0000
19	3.660	1,3-Dichlorobenzene [2C]	136649.07	1.1528	1.1528
31	4.349	1,2-Dibromo-3-chloropropane [2	131553.35	0.0564	0.0564
			1783997.64	2.6387	2.6387

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFA032.TXO

Chromatogram

Sample Name : B705885-06
FileName : G:\TC4\HP6890\JULY\9GFA032.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 266 mV

Sample #: 32 Page 1 of 1
Date : 7/17/07 03:04 PM
Time of Injection: 7/11/07 10:21 PM
Low Point : 266.35 mV High Point : 5266.35 mV
Plot Scale: 5000.0 mV



Manual int. to adjust baseline.
GM 7/17/07
for
GJ 7-13-07

Software Version: 4.1<1L22>
Sample Name : B705885-07 Time : 7/12/07 02:33 PM
Sample Number: 33 Study : 8011 WATER
Operator : GGM

Instrument : JSVGCECD2 Channel : B A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 10:32 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFB033.RAW
Result File : C:\TC4\HP6890\JULY\9GFB033.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFB033.rst
Proc Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB033.rst
Calib Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB033.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR B) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011b9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

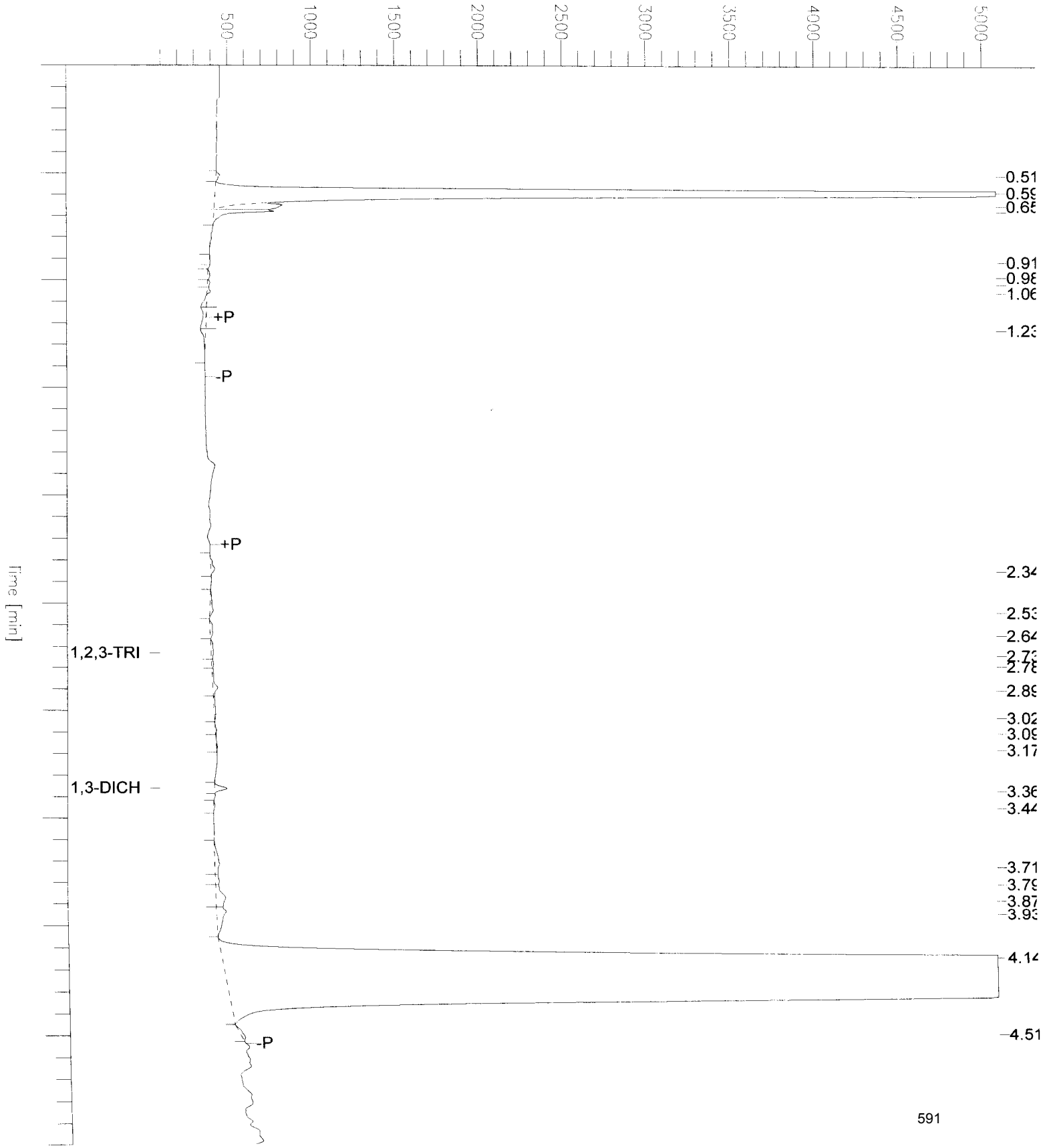
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
0	1.333	1,2-Dibromoethane	0.00	0.0000	0.0000
14	2.732	1,2,3-Trichloropropane	60206.43	0.3086	0.3086
20	3.359	1,3-Dichlorobenzene	90817.33	0.6746	0.6746
0	4.283	1,2-Dibromo-3-chloropropane	0.00	0.0000	0.0000
			151023.77	0.9832	0.9832

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFB033.TXO

Chromatogram

Sample Name : B705885-07
FileName : G:\TC4\HP6890\JULY\9GFB033.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 88 mV

Sample #: 33
Date : 7/17/07 03:05 PM
Time of Injection: 7/11/07 10:32 PM
Low Point : 87.74 mV High Point : 5087.74 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : B705885-07 Time : 7/12/07 03:05 PM
Sample Number: 33 Study : 8011 WATER
Operator : GGM

Instrument : JSVGCECD2 Channel : A A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 10:32 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFA033.RAW
Result File : C:\TC4\HP6890\JULY\9GFA033.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFA033.rst
Proc Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA033.rst
Calib Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA033.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

==========
PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
0	1.549	1,2-Dibromoethane [2C]	0.00	0.0000	0.0000
0	2.991	1,2,3-Trichloropropane [2C]	0.00	0.0000	0.0000
29	3.662	1,3-Dichlorobenzene [2C]	183989.44	1.5522	1.5522
38	4.344	1,2-Dibromo-3-chloropropane [2	172964.16	0.0741	0.0741
			356953.61	1.6264	1.6264

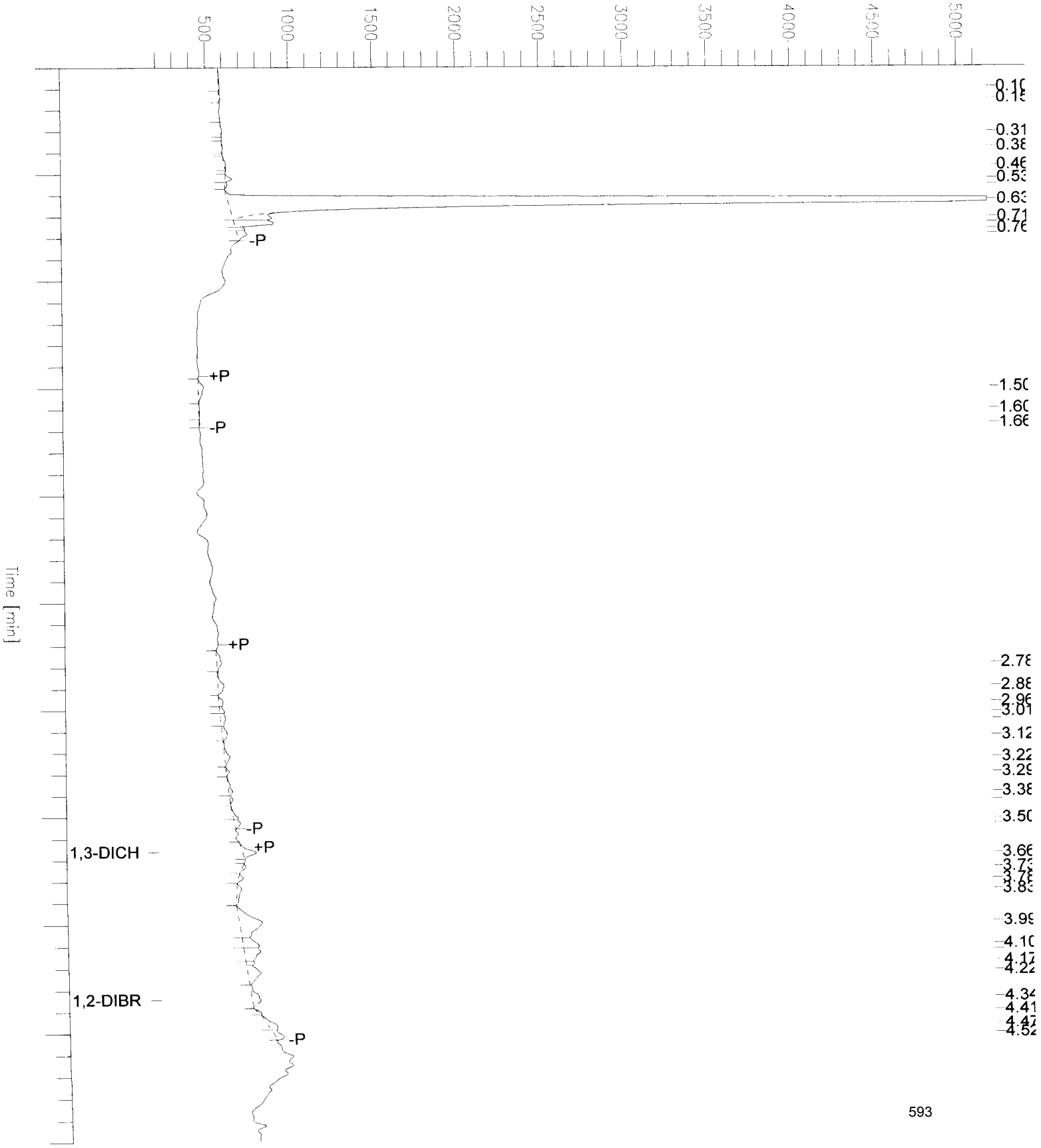
==========
==========

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFA033.TX0

Chromatogram

Sample Name : B705885-07
FileName : G:\TC4\HP6890\JULY\9GFA033.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 179 mV

Sample #: 33
Date : 7/17/07 03:04 PM
Time of Injection: 7/11/07 10:32 PM
Low Point : 178.55 mV High Point : 5178.55 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : B705885-08 Time : 7/12/07 03:06 PM
Sample Number: 34 Study : 8011 WATER
Operator : GGM

Instrument : JSVGCECD2 Channel : B A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 10:44 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFB034.RAW
Result File : C:\TC4\HP6890\JULY\9GFB034.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFB034.rst
Proc Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB034.rst
Calib Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB034.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

L

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR B) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011b9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

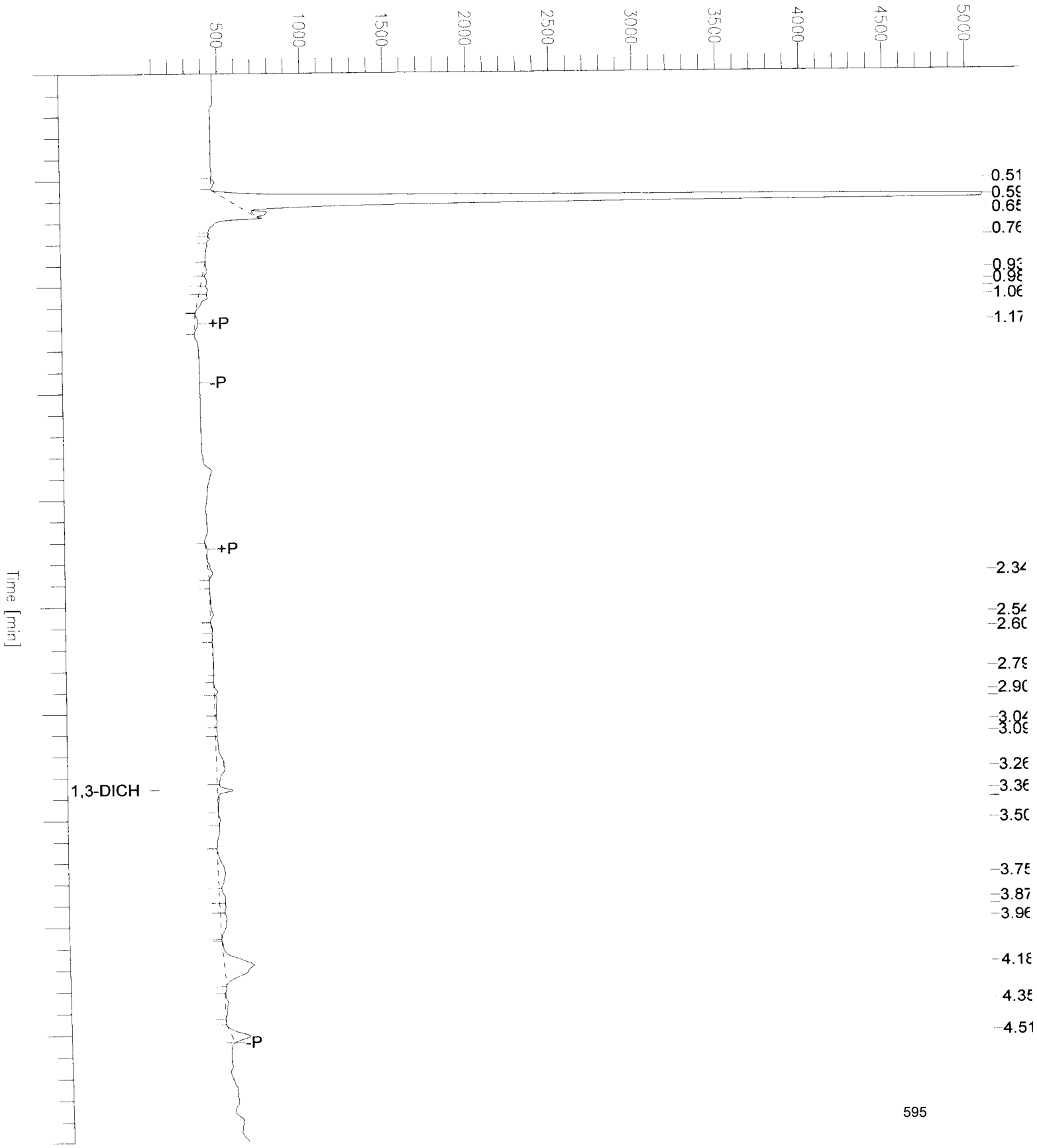
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
0	1.333	1,2-Dibromoethane	0.00	0.0000	0.0000
0	2.739	1,2,3-Trichloropropane	0.00	0.0000	0.0000
20	3.359	1,3-Dichlorobenzene	133295.86	0.9901	0.9901
0	4.283	1,2-Dibromo-3-chloropropane	0.00	0.0000	0.0000
			133295.86	0.9901	0.9901

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFB034.TX0

Chromatogram

Sample Name : B705885-08
FileName : G:\TC4\HP6890\JULY\9GFB034.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 93 mV

Sample #: 34
Date : 7/17/07 03:06 PM
Time of Injection: 7/11/07 10:44 PM
Low Point : 92.57 mV High Point : 5092.57 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : B705885-08 Time : 7/13/07 09:56 AM
Sample Number: 34 Study : 8011 WATER
Operator : GGM

Instrument : JSVGCECD2 Channel : A A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 10:44 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFA034.RAW
Result File : C:\TC4\HP6890\JULY\9GFA034.RST
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFA034.RST
Proc Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA034.RST
Calib Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA034.RST
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

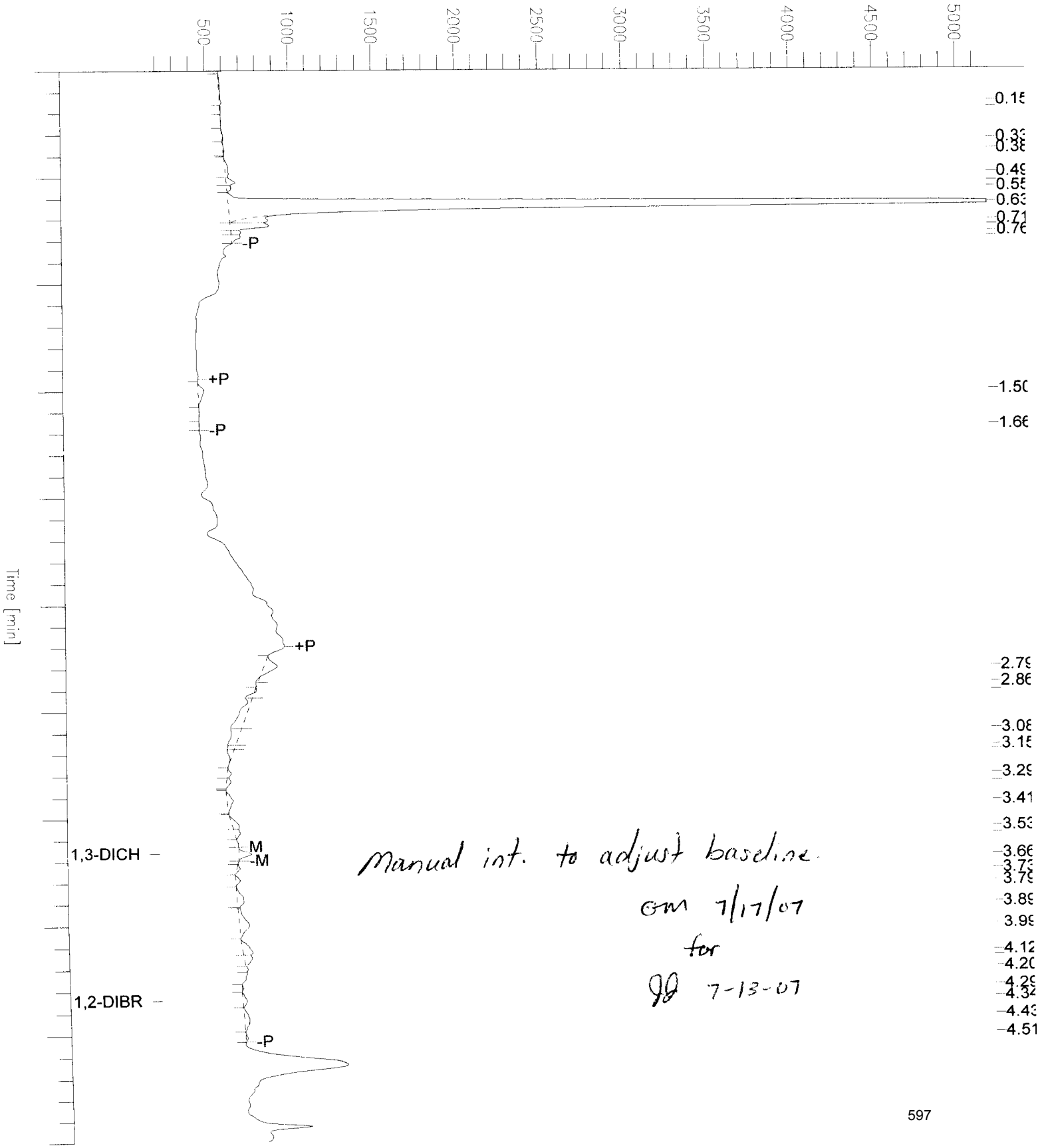
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
0	1.549	1,2-Dibromoethane [2C]	0.00	0.0000	0.0000
0	2.991	1,2,3-Trichloropropane [2C]	0.00	0.0000	0.0000
27	3.661	1,3-Dichlorobenzene [2C]	117165.15	0.9885	0.9885
36	4.342	1,2-Dibromo-3-chloropropane [2	58526.91	0.0251	0.0251
			175692.06	1.0135	1.0135

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFA034.TX0

Chromatogram

Sample Name : B705885-08
FileName : G:\TC4\HP6890\JULY\9GFA034.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 183 mV

Sample #: 34 Page 1 of 1
Date : 7/17/07 03:05 PM
Time of Injection: 7/11/07 10:44 PM
Low Point : 183.49 mV High Point : 5183.49 mV
Plot Scale: 5000.0 mV



Manual int. to adjust baseline.
GM 7/17/07
for
JB 7-13-07

Software Version: 4.1<1L22>
Sample Name : B706062-01
Sample Number: 36
Operator : GGM

Time : 7/12/07 03:06 PM
Study : 8011 WATER

Instrument : JSVGCECD2
AutoSampler :
Rack/Vial : 0/0

Channel : B A/D mV Range : 10000

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 11:07 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFB036.RAW
Result File : C:\TC4\HP6890\JULY\9GFB036.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFB036.rst
Proc Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB036.rst
Calib Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB036.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul
Sample Amount : 1.0000

Area Reject : 0.000000
Dilution Factor : 1.00

L

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR B) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011b9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

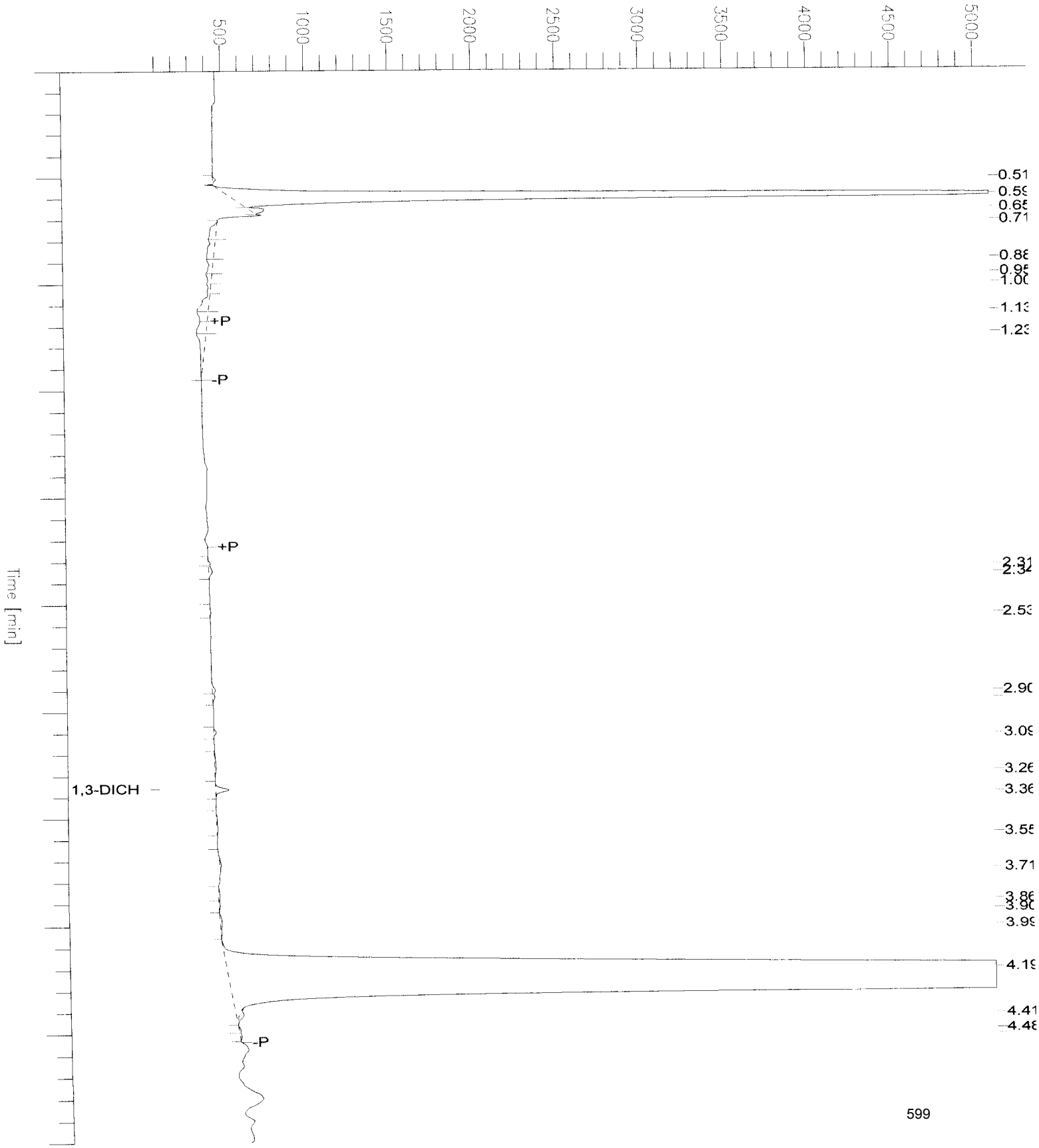
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
0	1.333	1,2-Dibromoethane	0.00	0.0000	0.0000
0	2.739	1,2,3-Trichloropropane	0.00	0.0000	0.0000
19	3.361	1,3-Dichlorobenzene	103526.17	0.7690	0.7690
0	4.283	1,2-Dibromo-3-chloropropane	0.00	0.0000	0.0000
			103526.17	0.7690	0.7690

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFB036.TX0

Chromatogram

Sample Name : B706062-01
FileName : C:\TC4\HP6890\JULY\9GFB036.raw
Method : 8011-5
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 90 mV

Sample #: 36
Date : 7/12/07 03:06 PM
Time of Injection: 7/11/07 11:07 PM
Low Point : 89.58 mV High Point : 5089.58 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : B706062-01 Time : 7/13/07 09:56 AM
Sample Number: 36 Study : 8011 WATER
Operator : GGM

Instrument : JSVGCECD2 Channel : A A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 11:07 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFA036.RAW
Result File : C:\TC4\HP6890\JULY\9GFA036.RST
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFA036.RST
Proc Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA036.RST
Calib Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA036.RST
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

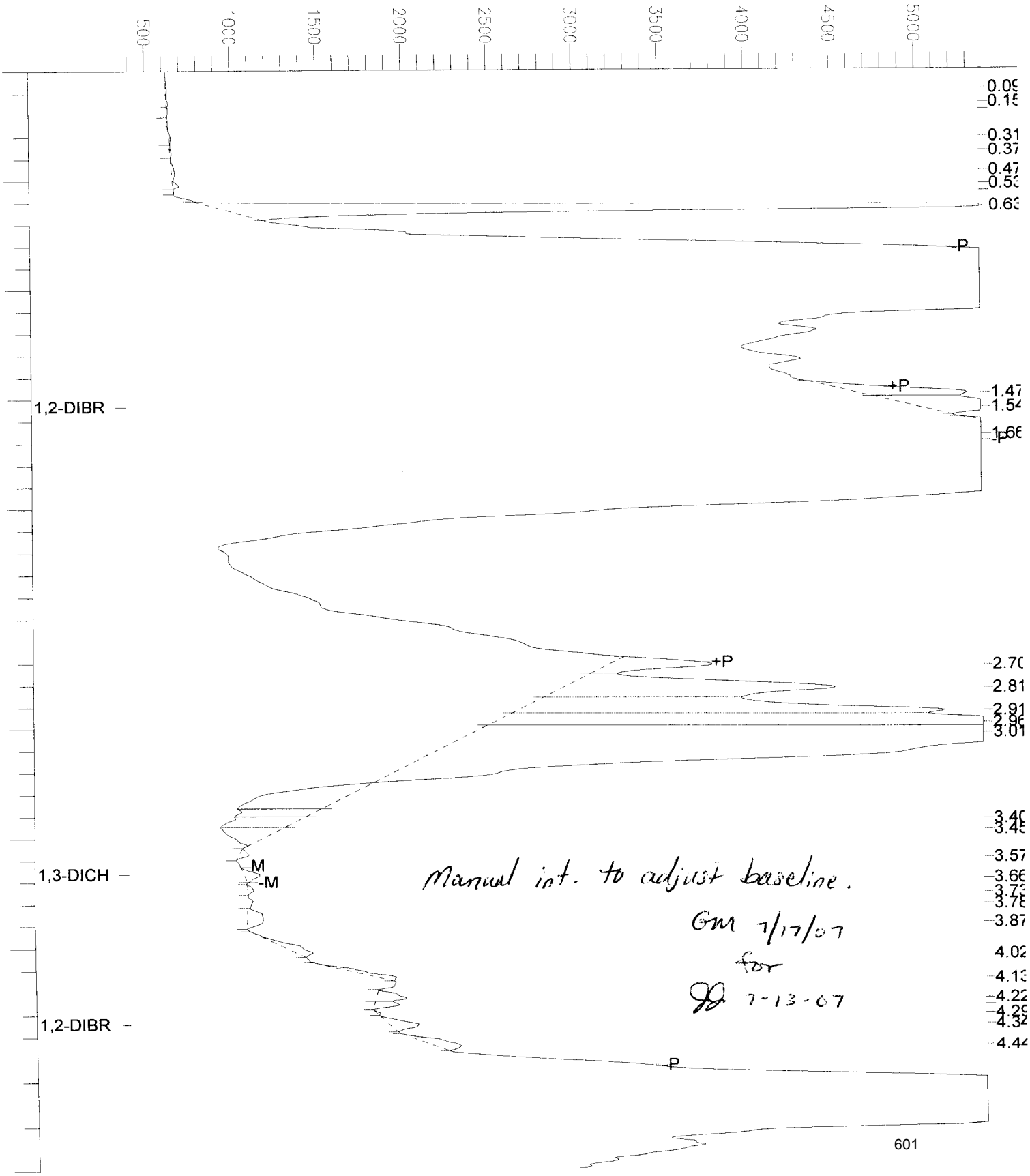
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
11	1.536	1,2-Dibromoethane [2C]	2241068.39	2.1134	2.1134
0	2.991	1,2,3-Trichloropropane [2C]	0.00	0.0000	0.0000
22	3.664	1,3-Dichlorobenzene [2C]	189797.43	1.6012	1.6012
31	4.342	1,2-Dibromo-3-chloropropane [2	391376.63	0.1677	0.1677
			2822242.44	3.8824	3.8824

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFA036.TXO

Chromatogram

Sample Name : B706062-01
FileName : G:\TC4\HP6890\JULY\9GFA036.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 372 mV

Sample #: 36 Page 1 of 1
Date : 7/17/07 03:18 PM
Time of Injection: 7/11/07 11:07 PM
Low Point : 372.08 mV High Point : 5372.08 mV
Plot Scale: 5000.0 mV



Manual int. to adjust baseline.
GM 7/17/07
for
7-13-07

Software Version: 4.1<1L22>
Sample Name : B706062-02 Time : 7/12/07 03:06 PM
Sample Number: 37 Study : 8011 WATER
Operator : GGM

Instrument : JSVGCECD2 Channel : B A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 11:18 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFB037.RAW
Result File : C:\TC4\HP6890\JULY\9GFB037.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFB037.rst
Proc Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB037.rst
Calib Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB037.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

RR, possible water in vial
JJ 7-13-07

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR B) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011b9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

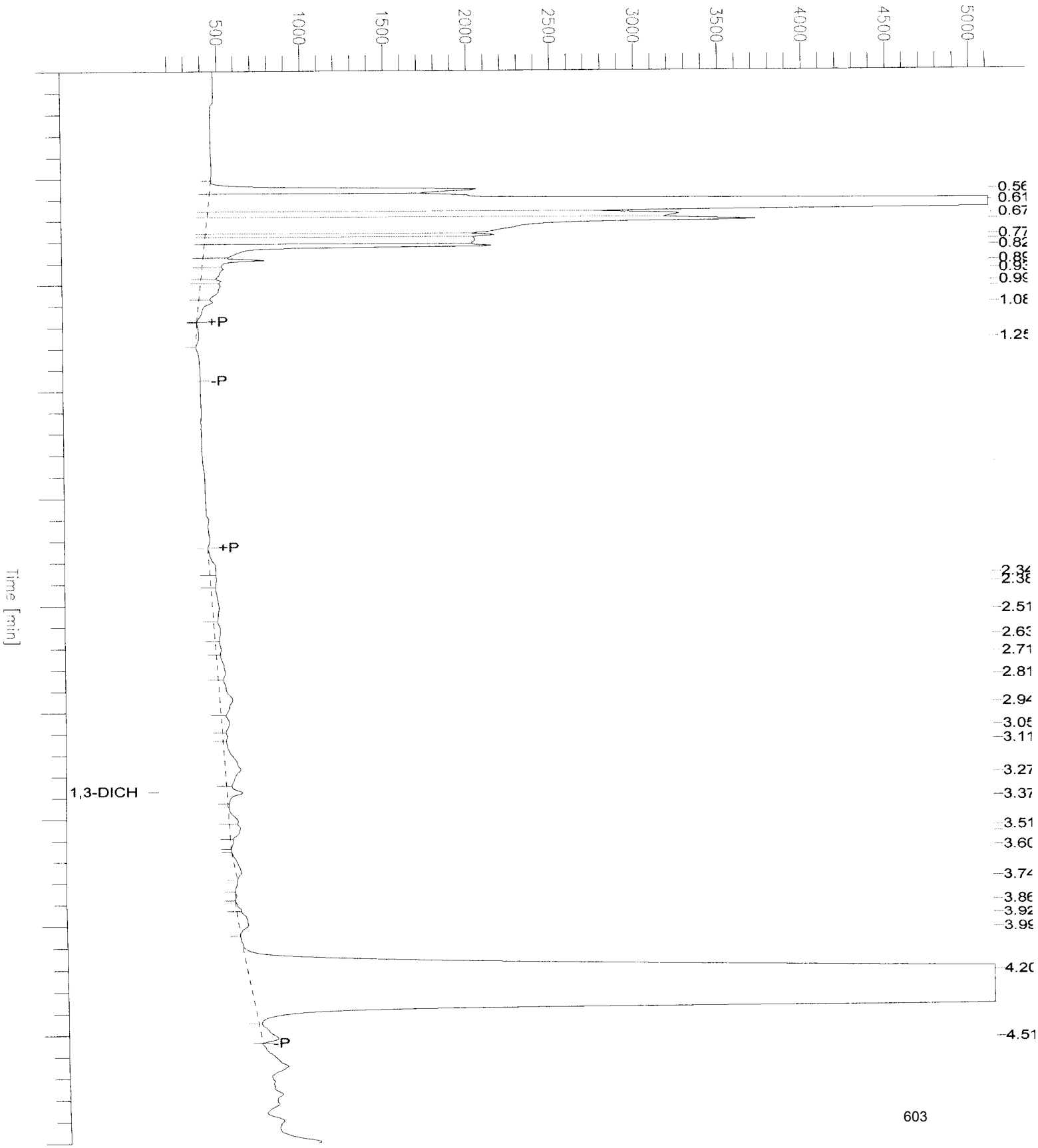
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
0	1.333	1,2-Dibromoethane	0.00	0.0000	0.0000
0	2.739	1,2,3-Trichloropropane	0.00	0.0000	0.0000
24	3.372	1,3-Dichlorobenzene	208396.99	1.5479	1.5479
0	4.283	1,2-Dibromo-3-chloropropane	0.00	0.0000	0.0000
			208396.99	1.5479	1.5479

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFB037.TX0

Chromatogram

Sample Name : B706062-02
FileName : C:\TC4\HP6890\JULY\9GFB037.raw
Method : 8011-5
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 111 mV

Sample #: 37
Date : 7/12/07 03:06 PM
Time of Injection: 7/11/07 11:18 PM
Low Point : 111.15 mV High Point : 5111.15 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : B706062-02 Time : 7/12/07 03:06 PM
Sample Number: 37 Study : 8011 WATER
Operator : GGM

Instrument : JSVGCECD2 Channel : A A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 11:18 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFA037.RAW
Result File : C:\TC4\HP6890\JULY\9GFA037.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFA037.rst
Proc Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA037.rst
Calib Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA037.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

==========
PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
13	1.556	1,2-Dibromoethane [2C]	63385.34	0.0598	0.0598
0	2.991	1,2,3-Trichloropropane [2C]	0.00	0.0000	0.0000
30	3.660	1,3-Dichlorobenzene [2C]	1211030.71	10.2168	10.2168
42	4.346	1,2-Dibromo-3-chloropropane [2	99914.79	0.0428	0.0428
			1374330.84	10.3194	10.3194

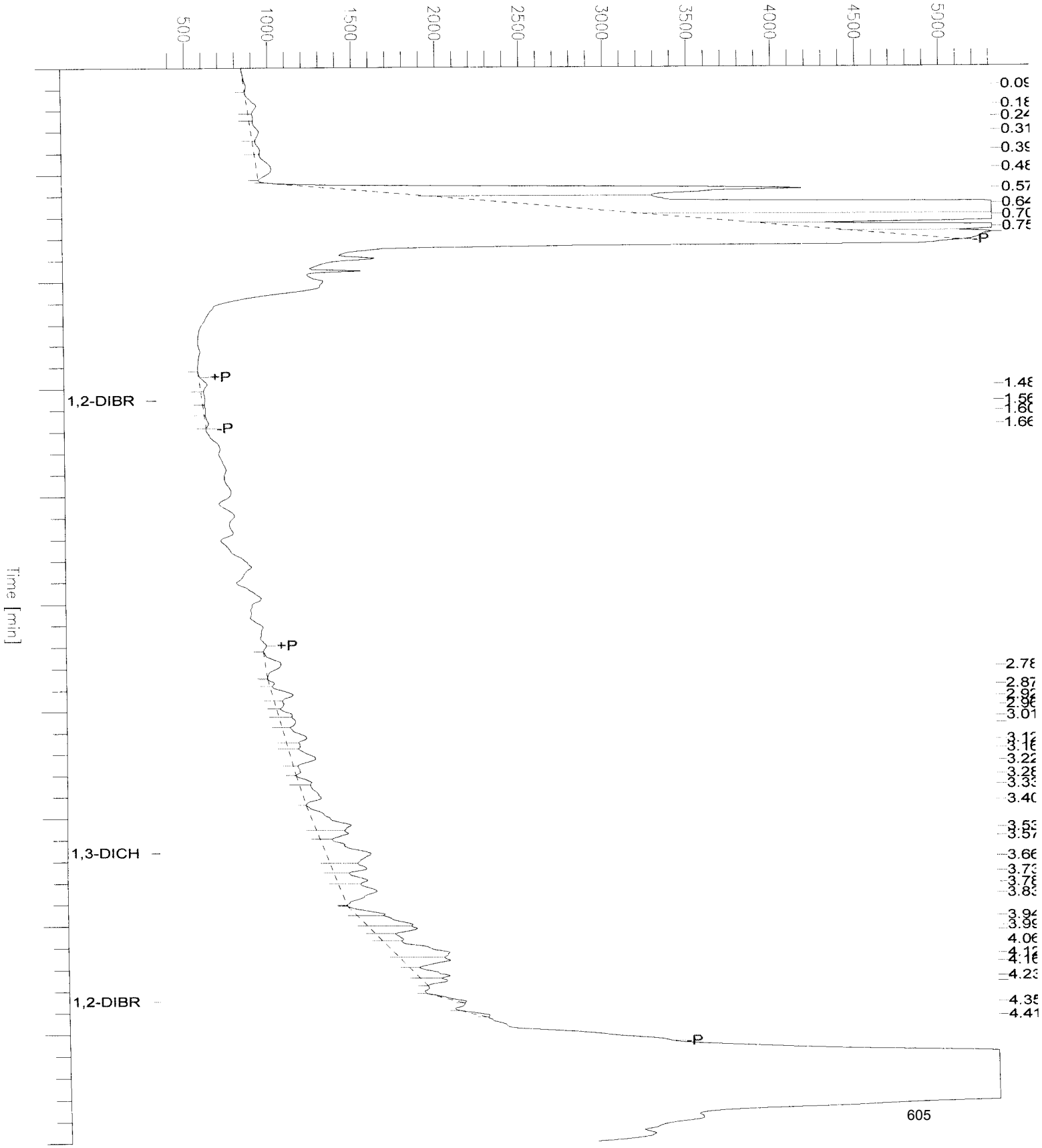
==========
==========

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFA037.TX0

Chromatogram

Sample Name : B706062-02
FileName : C:\TC4\HP6890\JULY\9GFA037.raw
Method : 8011-5
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 310 mV

Sample #: 37
Date : 7/12/07 03:06 PM
Time of Injection: 7/11/07 11:18 PM
Low Point : 310.47 mV High Point : 5310.47 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : B706062-02RE1 Time : 7/13/07 12:50 PM
Sample Number: 6 Study : 8011 EDB
Operator : GGM

Instrument : JSVGCECD2 Channel : B A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/12/07 05:53 PM
Delay Time : 0.00 min.
End Time : 7.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GGB006.RAW
Result File : C:\TC4\HP6890\JULY\9GGB006.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GGB006.rst
Proc Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GGB006.rst
Calib Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GGB006.rst
Sequence File : C:\TC4\SEQUEN~1\9GG.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR B) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011b9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

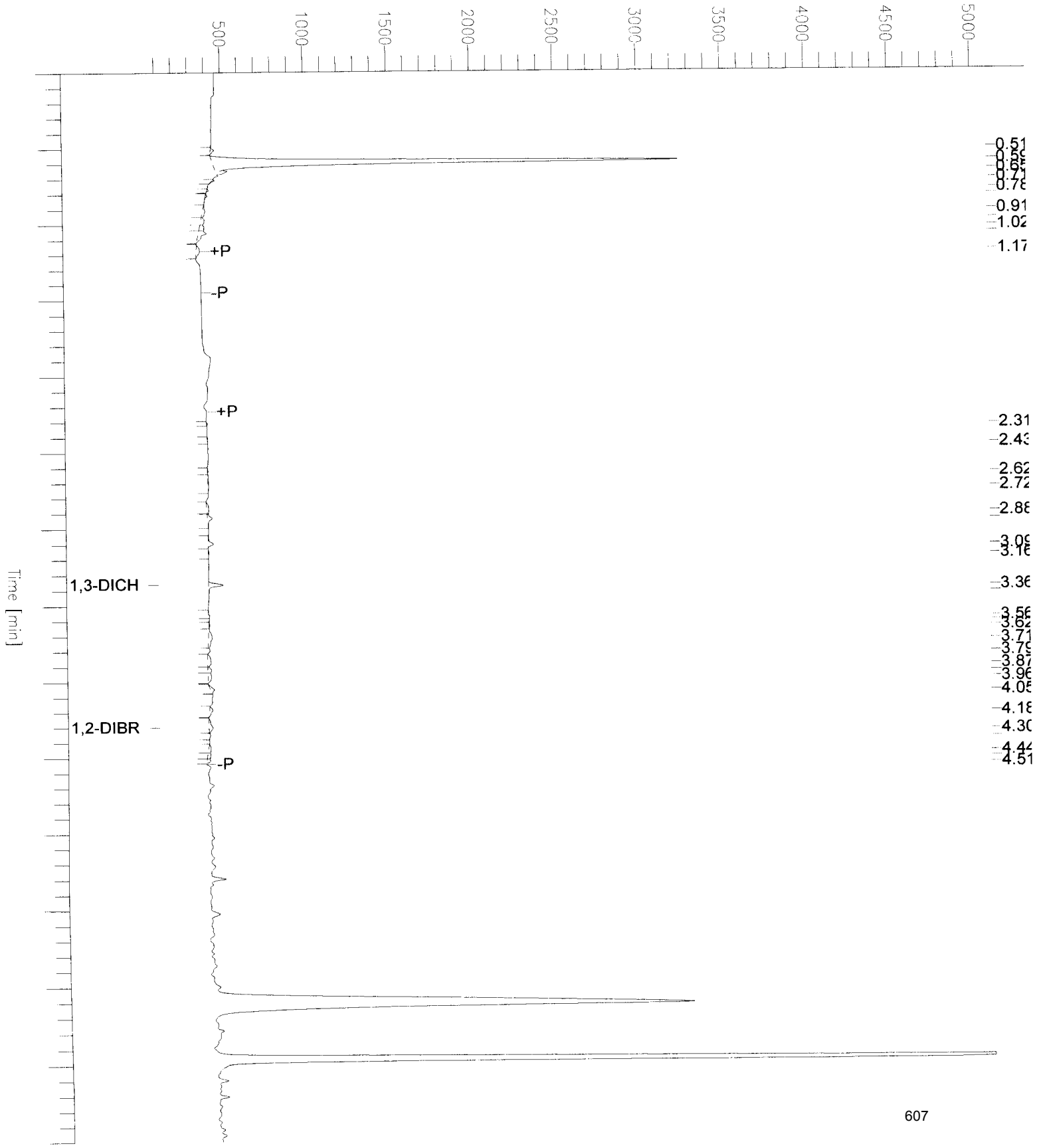
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
0	1.333	1,2-Dibromoethane	0.00	0.0000	0.0000
0	2.739	1,2,3-Trichloropropane	0.00	0.0000	0.0000
20	3.362	1,3-Dichlorobenzene	112959.68	0.8390	0.8390
32	4.299	1,2-Dibromo-3-chloropropane	71672.70	0.0284	0.0284
			184632.38	0.8675	0.8675

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GGB006.TXO

Chromatogram

Sample Name : B706062-02RE1
FileName : G:\TC4\HP6890\JULY\9GGB006.RAW
Method :
Start Time : 0.00 min End Time : 7.00 min
Scale Factor: -1.0 Plot Offset: 93 mV

Sample #: 6
Date : 7/17/07 03:22 PM
Time of Injection: 7/12/07 05:53 PM
Low Point : 93.45 mV High Point : 5093.45 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : B706062-02RE1 Time : 7/13/07 12:50 PM
Sample Number: 6 Study : 8011 EDB
Operator : GGM

Instrument : JSVGCECD2 Channel : A A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/12/07 05:53 PM
Delay Time : 0.00 min.
End Time : 7.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GGA006.RAW
Result File : C:\TC4\HP6890\JULY\9GGA006.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GGA006.rst
Proc Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GGA006.rst
Calib Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GGA006.rst
Sequence File : C:\TC4\SEQUEN~1\9GG.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

==========
PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [uV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
0	1.549	1,2-Dibromoethane [2C]	0.00	0.0000	0.0000
7	2.990	1,2,3-Trichloropropane [2C]	53698.99	0.1480	0.1480
14	3.663	1,3-Dichlorobenzene [2C]	160953.54	1.3579	1.3579
0	4.344	1,2-Dibromo-3-chloropropane [2	0.00	0.0000	0.0000
			214652.54	1.5059	1.5059

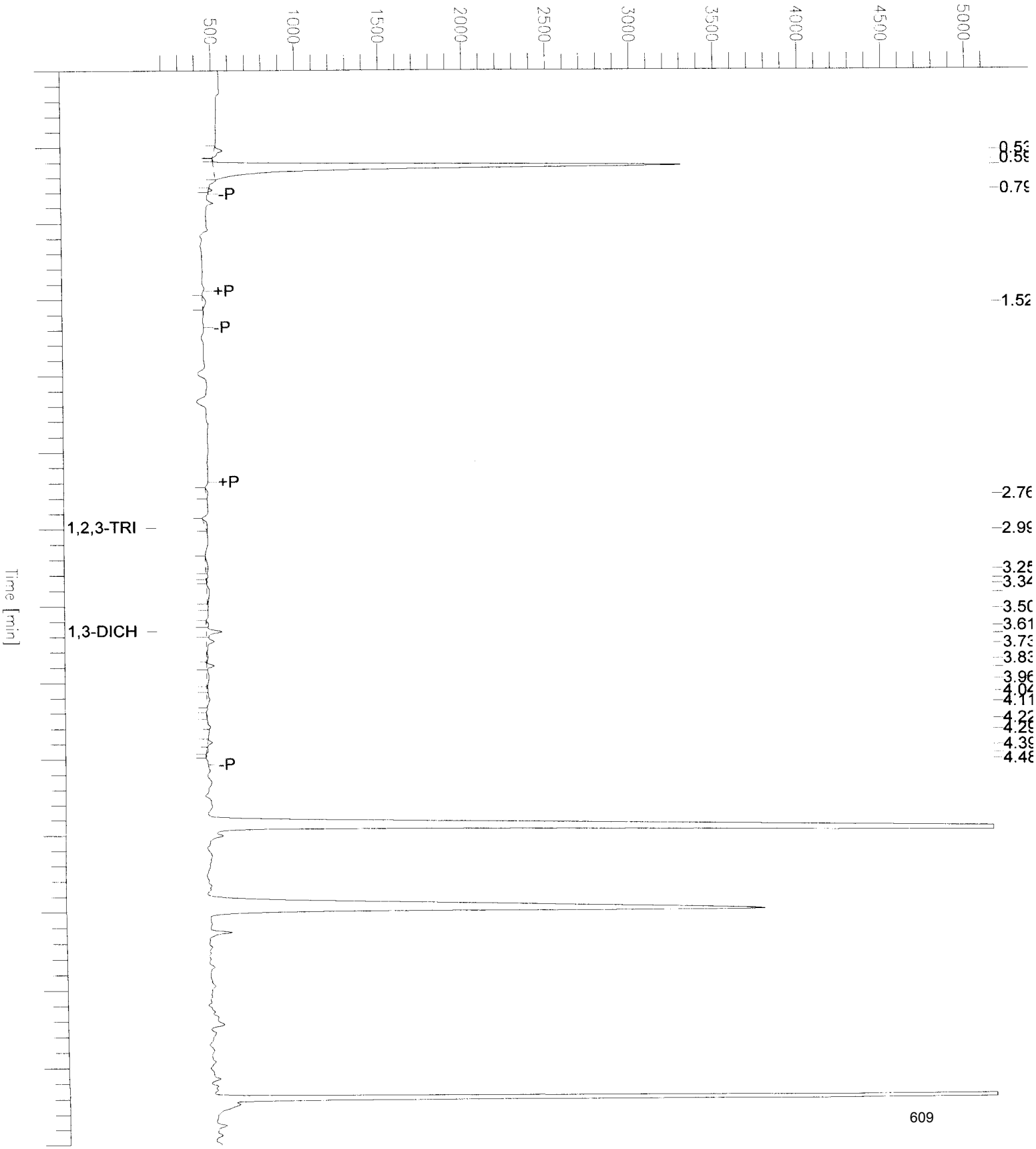
==========
==========

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GGA006.TX0

Chromatogram

Sample Name : B706062-02RE1
FileName : G:\TC4\HP6890\JULY\9GGA006.RAW
Method :
Start Time : 0.00 min End Time : 7.00 min
Scale Factor: -1.0 Plot Offset: 147 mV

Sample #: 6
Date : 7/17/07 03:23 PM
Time of Injection: 7/12/07 05:53 PM
Low Point : 147.01 mV High Point : 5147.01 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : B706062-03 Time : 7/12/07 03:06 PM
Sample Number: 38 Study : 8011 WATER
Operator : GGM

Instrument : JSVGCECD2 Channel : B A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 11:29 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFB038.RAW
Result File : C:\TC4\HP6890\JULY\9GFB038.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFB038.rst
Proc Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB038.rst
Calib Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB038.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

RR, possible water in vial.
JJ 7-13-07

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR B) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011b9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

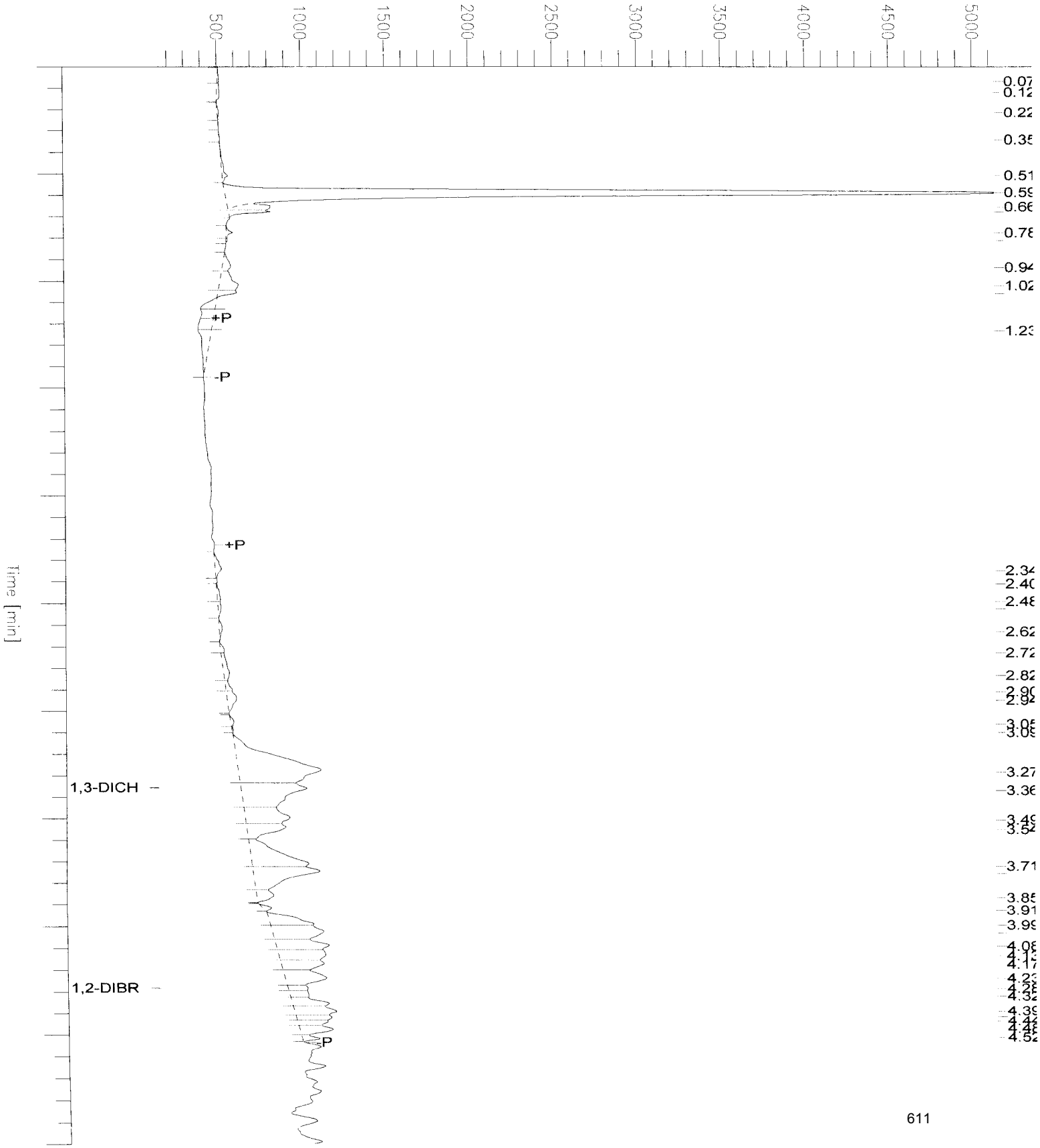
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
0	1.333	1,2-Dibromoethane	0.00	0.0000	0.0000
0	2.739	1,2,3-Trichloropropane	0.00	0.0000	0.0000
28	3.356	1,3-Dichlorobenzene	1920762.34	14.2671	14.2671
41	4.282	1,2-Dibromo-3-chloropropane	167707.18	0.0665	0.0665
			2088469.51	14.3336	14.3336

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFB038.TX0

Chromatogram

Sample Name : B706062-03
FileName : C:\TC4\HP6890\JULY\9GFB038.raw
Method : 8011-5
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 129 mV

Sample #: 38 Page 1 of 1
Date : 7/12/07 03:06 PM
Time of Injection: 7/11/07 11:29 PM
Low Point : 128.80 mV High Point : 5128.80 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : B706062-03 Time : 7/12/07 03:06 PM
Sample Number: 38 Study : 8011 WATER
Operator : GGM

Instrument : JSVGCECD2 Channel : A A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 11:29 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFA038.RAW
Result File : C:\TC4\HP6890\JULY\9GFA038.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFA038.rst
Proc Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA038.rst
Calib Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA038.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

==========
PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
0	1.549	1,2-Dibromoethane [2C]	0.00	0.0000	0.0000
0	2.991	1,2,3-Trichloropropane [2C]	0.00	0.0000	0.0000
27	3.658	1,3-Dichlorobenzene [2C]	537983.15	4.5387	4.5387
40	4.336	1,2-Dibromo-3-chloropropane [2	93113.30	0.0399	0.0399
			631096.45	4.5786	4.5786

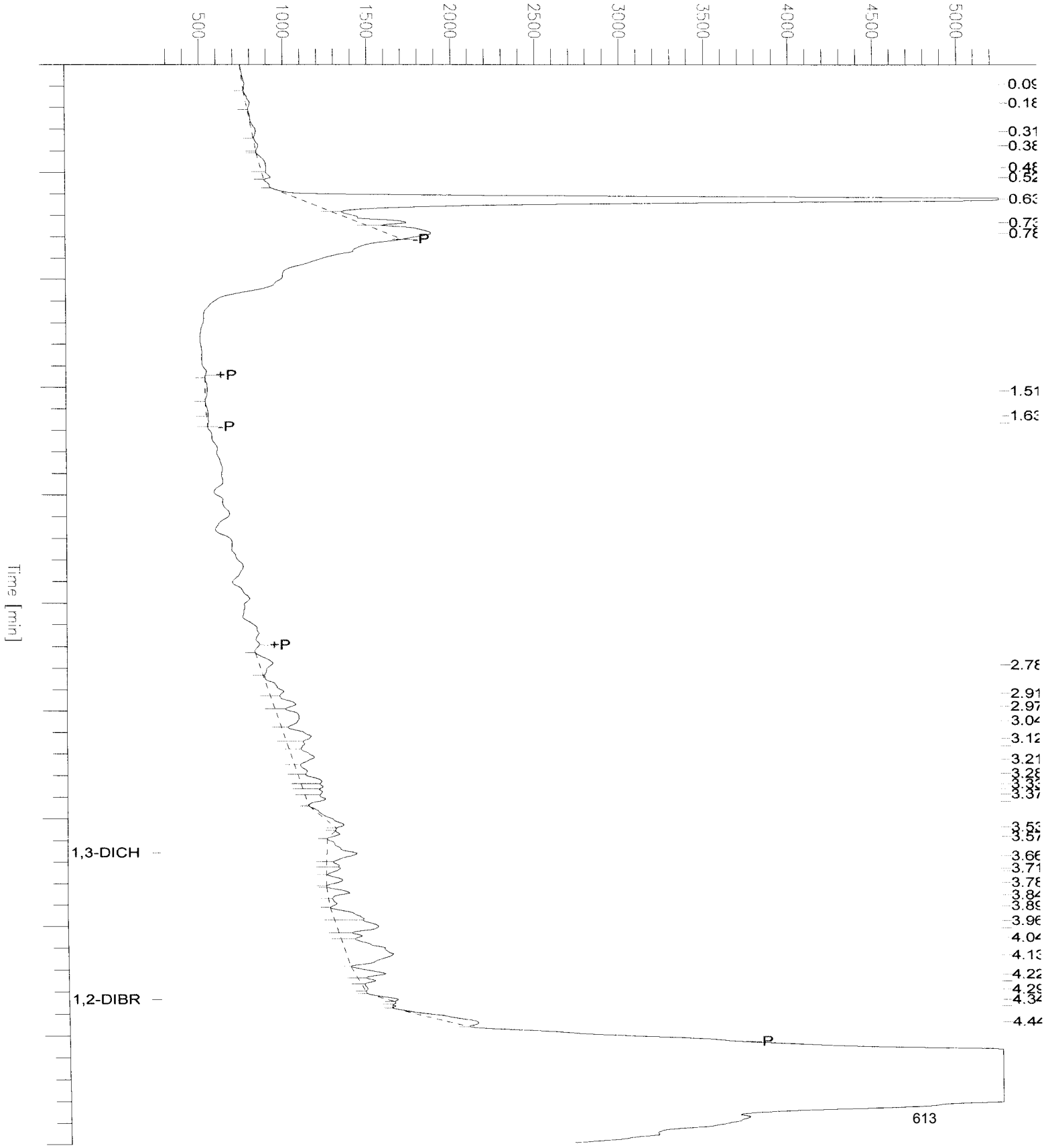
==========
==========

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFA038.TX0

Chromatogram

Sample Name : B706062-03
FileName : C:\TC4\HP6890\JULY\9GFA038.raw
Method : 8011-5
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 249 mV

Sample #: 38
Date : 7/12/07 03:06 PM
Time of Injection: 7/11/07 11:29 PM
Low Point : 248.94 mV High Point : 5248.94 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : B706062-03RE1 Time : 7/13/07 01:14 PM
Sample Number: 5 Study : 8011 EDB
Operator : GGM

Instrument : JSVGCECD2 Channel : B A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/12/07 05:27 PM
Delay Time : 0.00 min.
End Time : 7.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GGB005.RAW
Result File : C:\TC4\HP6890\JULY\9GGB005.RST
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GGB005.RST
Proc Method : C:\TC4\HP6890\8011B9GF.mth
Calib Method : C:\TC4\HP6890\8011B9GF.mth
Sequence File : C:\TC4\SEQUEN~1\9GG.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

2

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR B) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011b9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

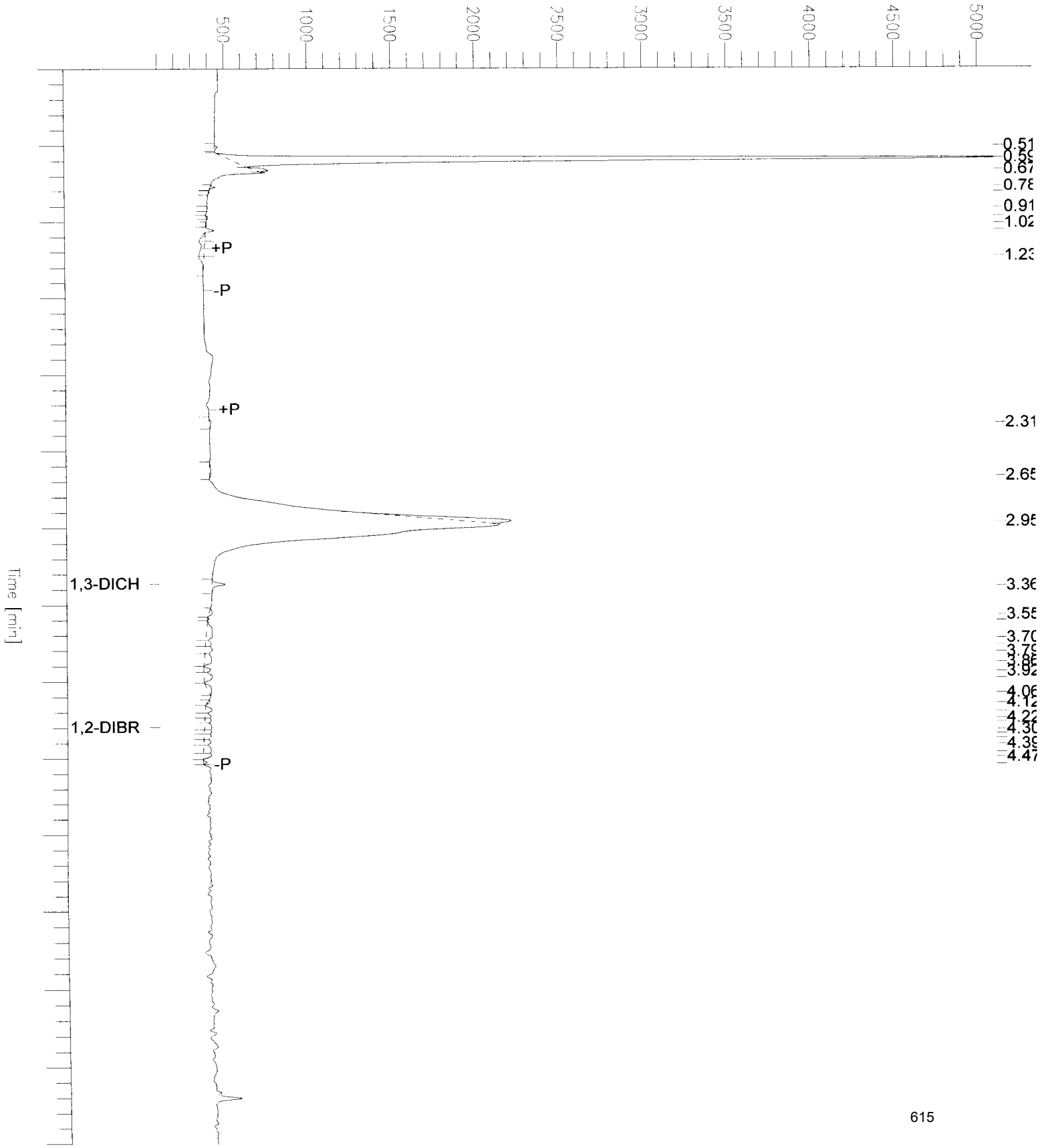
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
0	1.333	1,2-Dibromoethane	0.00	0.0000	0.0000
0	2.739	1,2,3-Trichloropropane	0.00	0.0000	0.0000
15	3.363	1,3-Dichlorobenzene	108065.29	0.8027	0.8027
29	4.296	1,2-Dibromo-3-chloropropane	104481.61	0.0414	0.0414
			212546.91	0.8441	0.8441

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GGB005.TXO

Chromatogram

Sample Name : B706062-03RE1
FileName : G:\TC4\HP6890\JULY\9GGB005.RAW
Method :
Start Time : 0.00 min End Time : 7.00 min
Scale Factor: -1.0 Plot Offset: 94 mV

Sample #: 5
Date : 7/17/07 03:22 PM
Time of Injection: 7/12/07 05:27 PM
Low Point : 94.06 mV High Point : 5094.06 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : B706062-03RE1 Time : 7/13/07 01:13 PM
Sample Number: 5 Study : 8011 EDB
Operator : GGM

Instrument : JSVGCECD2 Channel : A A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/12/07 05:27 PM
Delay Time : 0.00 min.
End Time : 7.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GGA005.RAW
Result File : C:\TC4\HP6890\JULY\9GGA005.RST
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GGA005.RST
Proc Method : C:\TC4\HP6890\8011A9GF.mth
Calib Method : C:\TC4\HP6890\8011A9GF.mth
Sequence File : C:\TC4\SEQUEN~1\9GG.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

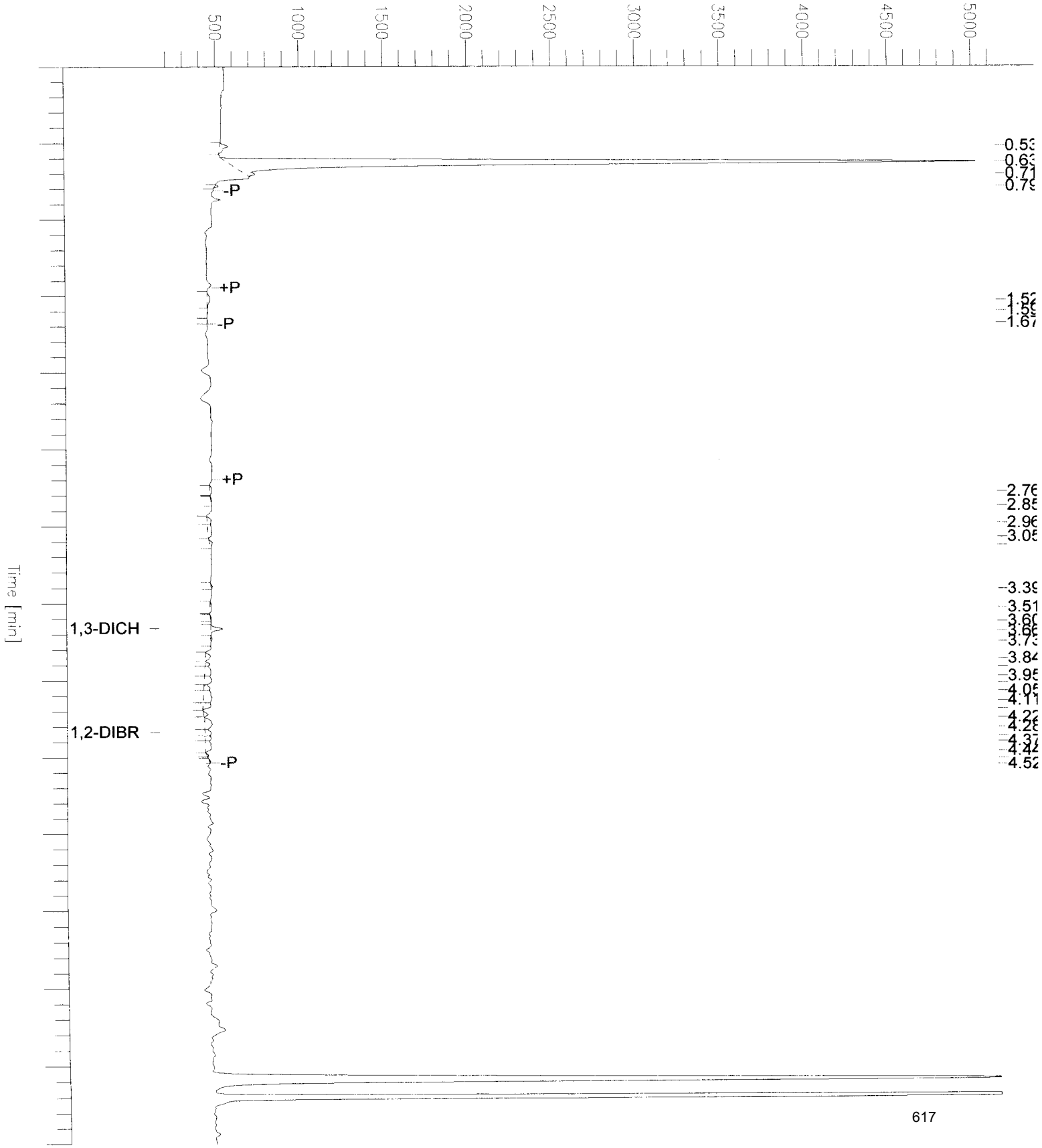
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
0	1.549	1,2-Dibromoethane [2C]	0.00	0.0000	0.0000
0	2.991	1,2,3-Trichloropropane [2C]	0.00	0.0000	0.0000
16	3.663	1,3-Dichlorobenzene [2C]	97710.04	0.8243	0.8243
27	4.336	1,2-Dibromo-3-chloropropane [2	78236.71	0.0335	0.0335
			175946.75	0.8579	0.8579

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GGA005.TXO

Chromatogram

Sample Name : B706062-03RE1
FileName : G:\TC4\HP6890\JULY\9GGA005.RAW
Method :
Start Time : 0.00 min End Time : 7.00 min
Scale Factor: -1.0 Plot Offset: 145 mV

Sample #: 5
Date : 7/17/07 03:23 PM
Time of Injection: 7/12/07 05:27 PM
Low Point : 144.51 mV High Point : 5144.51 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : B706062-04 Time : 7/12/07 04:13 PM
Sample Number: 39 Study : 8011 WATER
Operator : GGM

Instrument : JSVGCECD2 Channel : B A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 11:41 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFB039.RAW
Result File : C:\TC4\HP6890\JULY\9GFB039.RST
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFB039.RST
Proc Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB039.RST
Calib Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB039.RST
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

2

Environmental Conservation Laboratories

==========
PRIMARY COLUMN (DETECTOR B) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011b9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
0	1.333	1,2-Dibromoethane	0.00	0.0000	0.0000
0	2.739	1,2,3-Trichloropropane	0.00	0.0000	0.0000
27	3.360	1,3-Dichlorobenzene	128078.50	0.9513	0.9513
0	4.283	1,2-Dibromo-3-chloropropane	0.00	0.0000	0.0000
			128078.50	0.9513	0.9513

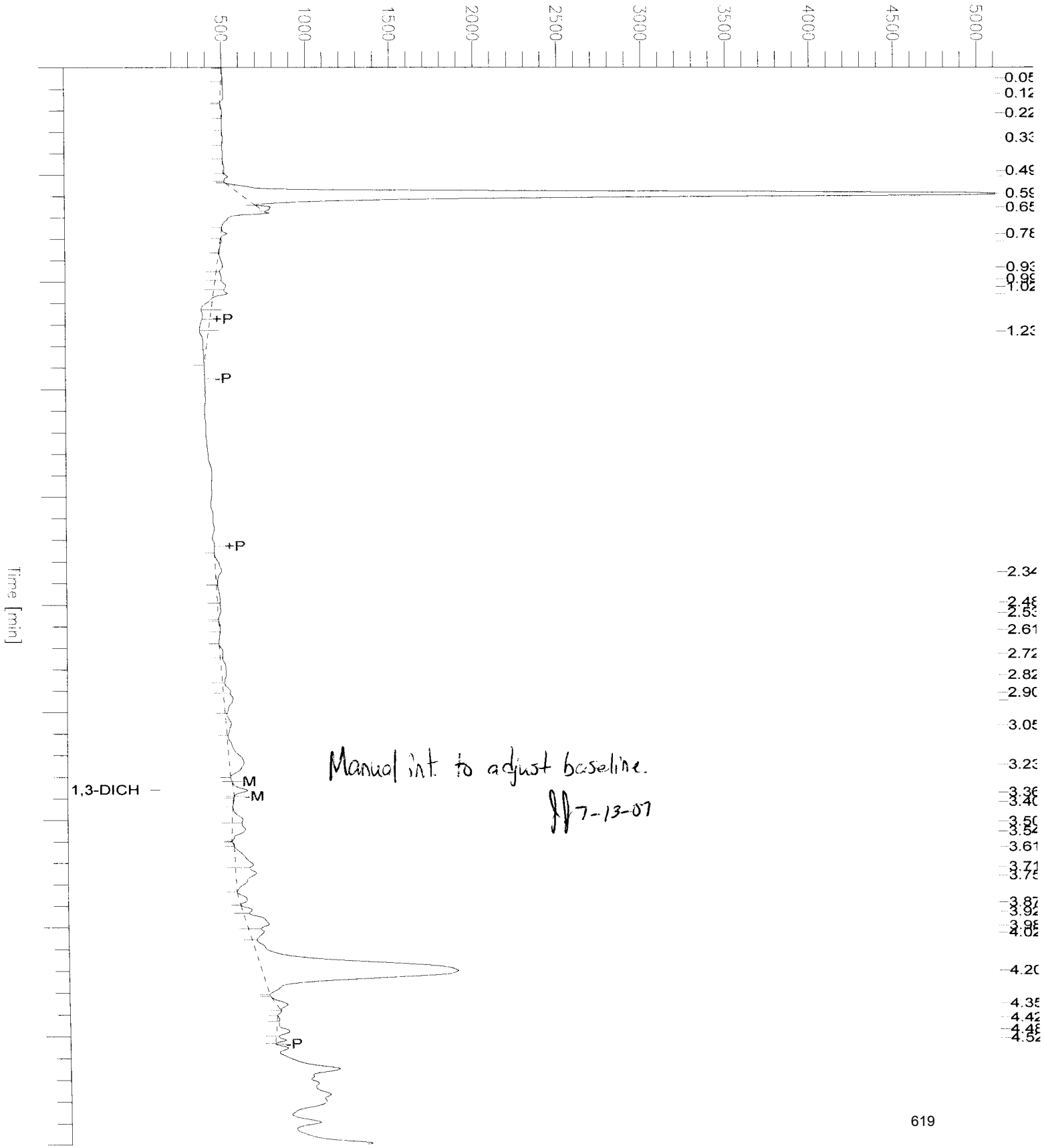
==========
==========

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFB039.TX0

Chromatogram

Sample Name : B706062-04
FileName : C:\TC4\HP6890\JULY\9GFB039.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 109 mV

Sample #: 39 Page 1 of 1
Date : 7/12/07 04:13 PM
Time of Injection: 7/11/07 11:41 PM
Low Point : 108.80 mV High Point : 5108.80 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : B706062-04 Time : 7/13/07 09:57 AM
Sample Number: 39 Study : 8011 WATER
Operator : GGM

Instrument : JSVGCECD2 Channel : A A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/11/07 11:41 PM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFA039.RAW
Result File : C:\TC4\HP6890\JULY\9GFA039.RST
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFA039.RST
Proc Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA039.RST
Calib Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA039.RST
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

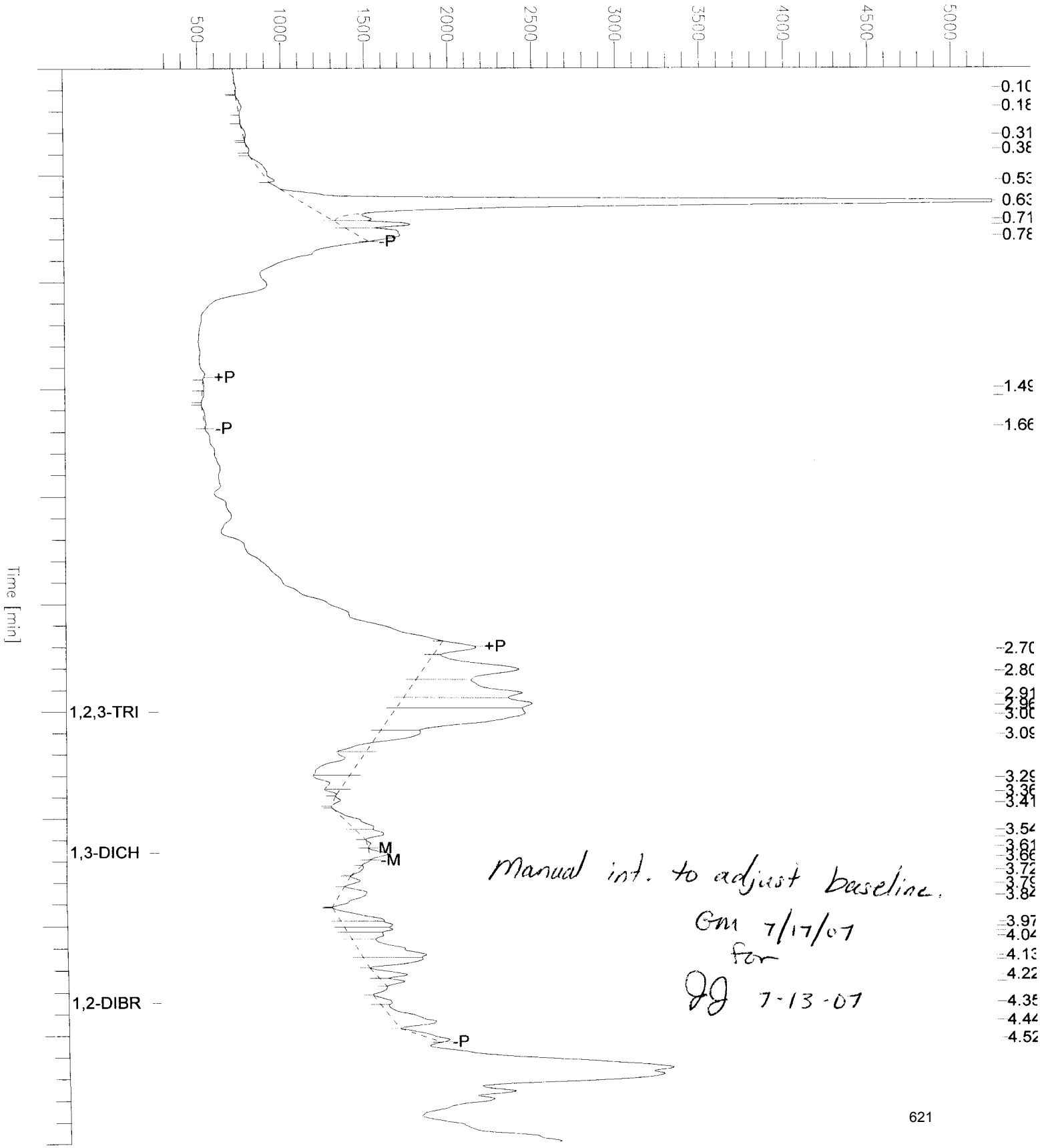
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
0	1.549	1,2-Dibromoethane [2C]	0.00	0.0000	0.0000
17	3.002	1,2,3-Trichloropropane [2C]	3644595.82	10.0458	10.0458
26	3.659	1,3-Dichlorobenzene [2C]	183442.16	1.5476	1.5476
38	4.348	1,2-Dibromo-3-chloropropane [2	150442.57	0.0645	0.0645
			3978480.54	11.6579	11.6579

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFA039.TXO

Chromatogram

Sample Name : B706062-04
FileName : G:\TC4\HP6890\JULY\9GFA039.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 243 mV

Sample #: 39
Date : 7/17/07 03:19 PM
Time of Injection: 7/11/07 11:41 PM
Low Point : 243.38 mV High Point : 5243.38 mV
Plot Scale: 5000.0 mV



Manual int. to adjust baseline.
GM 7/17/07
for
JJ 7-13-07

Software Version: 4.1<1L22>
Sample Name : B706062-05 Time : 7/12/07 03:07 PM
Sample Number: 41 Study : 8011 WATER
Operator : GGM

Instrument : JSVGCECD2 Channel : B A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/12/07 12:03 AM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFB041.RAW
Result File : C:\TC4\HP6890\JULY\9GFB041.rst
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFB041.rst
Proc Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB041.rst
Calib Method : C:\TC4\HP6890\8011B9GF from C:\TC4\HP6890\JULY\9GFB041.rst
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

2

Environmental Conservation Laboratories

==========
PRIMARY COLUMN (DETECTOR B) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011b9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul
==========

Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
0	1.333	1,2-Dibromoethane	0.00	0.0000	0.0000
0	2.739	1,2,3-Trichloropropane	0.00	0.0000	0.0000
24	3.361	1,3-Dichlorobenzene	128140.17	0.9518	0.9518
0	4.283	1,2-Dibromo-3-chloropropane	0.00	0.0000	0.0000
			128140.17	0.9518	0.9518

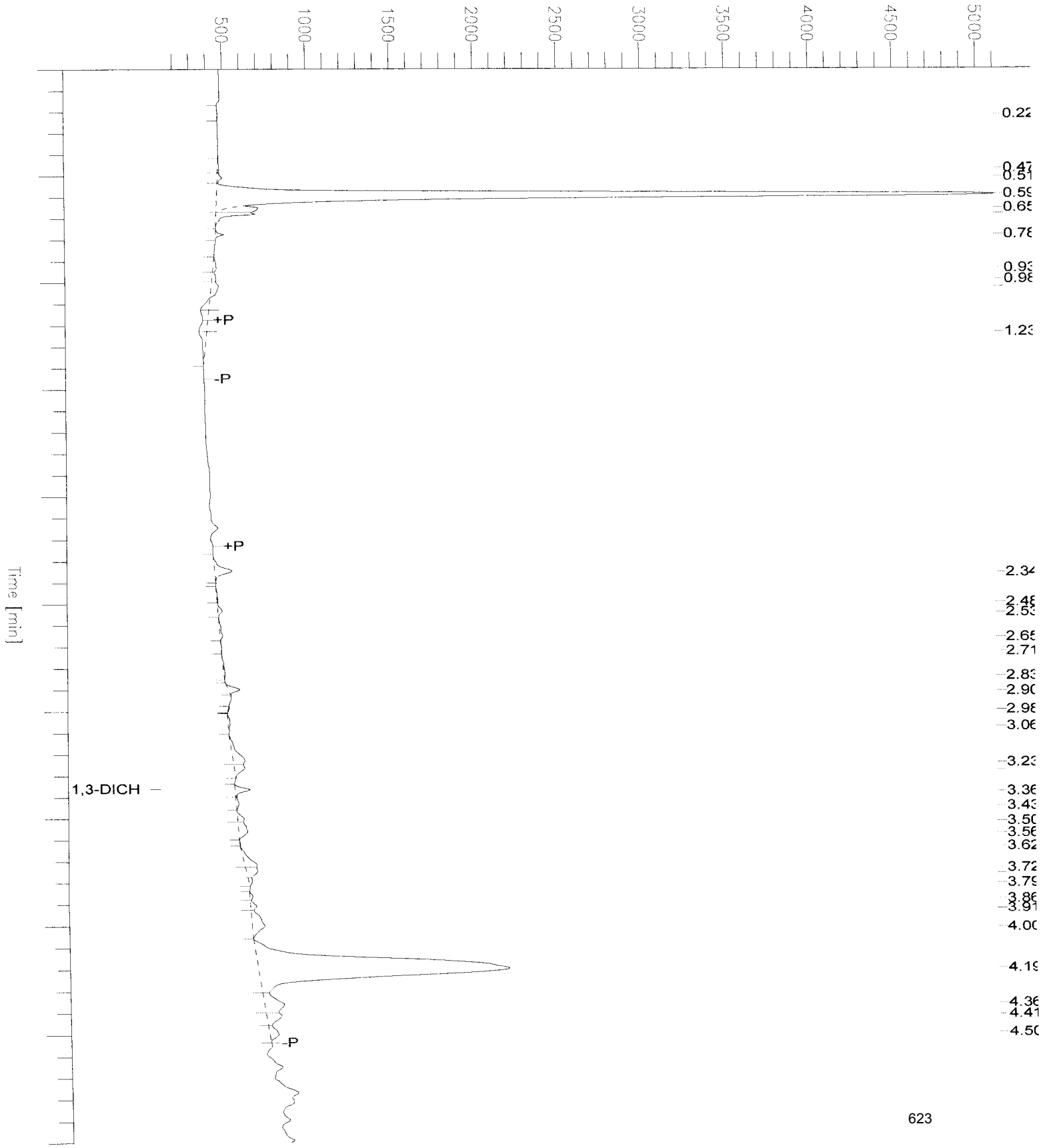
==========
==========

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFB041.TX0

Chromatogram

Sample Name : B706062-05
FileName : C:\TC4\HP6890\JULY\9GFB041.raw
Method : 8011-5
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 101 mV

Sample #: 41
Date : 7/12/07 03:07 PM
Time of Injection: 7/12/07 12:03 AM
Low Point : 101.06 mV High Point : 5101.06 mV
Plot Scale: 5000.0 mV



Software Version: 4.1<1L22>
Sample Name : B706062-05 Time : 7/13/07 09:57 AM
Sample Number: 41 Study : 8011 WATER
Operator : GGM

Instrument : JSVGCECD2 Channel : A A/D mV Range : 10000
AutoSampler :
Rack/Vial : 0/0

Interface Serial # : 4207271739 Data Acquisition Time: 7/12/07 12:03 AM
Delay Time : 0.00 min.
End Time : 5.00 min.
Sampling Rate : 4.1660 pts/sec

Raw Data File : C:\TC4\HP6890\JULY\9GFA041.RAW
Result File : C:\TC4\HP6890\JULY\9GFA041.RST
Inst Method : C:\TC4\HP6890\8011-5 from C:\TC4\HP6890\JULY\9GFA041.RST
Proc Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA041.RST
Calib Method : C:\TC4\HP6890\8011A9GF from C:\TC4\HP6890\JULY\9GFA041.RST
Sequence File : C:\TC4\SEQUEN~1\9GF.SEQ

Sample Volume : 1.0000 ul Area Reject : 0.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Environmental Conservation Laboratories

PRIMARY COLUMN (DETECTOR A) STX-Clpesticide 30M .32id .50DF
8011/504 Analysis Curve 0.02ug/L --> 2.0ug/L (8011a9gf on 07/11/07)
1.0ug/L 1,3-Dichlorobenzene(surr)
0.5ug/L CVS / 0.25ug/L BS Injection volume = 1.0 ul

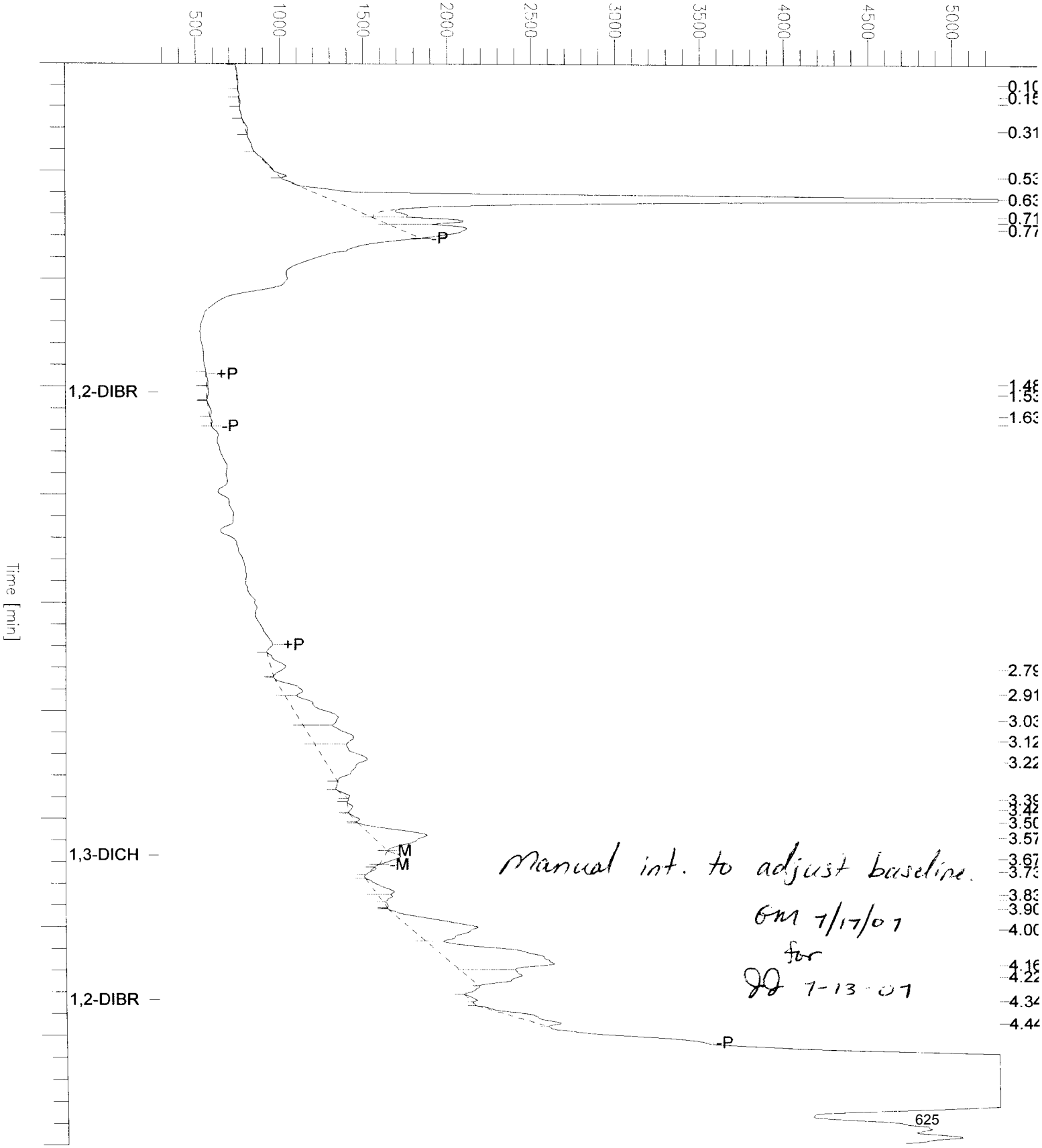
Peak #	Time [min]	Component Name	Area [µV·s]	Concentration [ug/L]	Adjusted Concentration ug/L
11	1.529	1,2-Dibromoethane [2C]	26200.63	0.0247	0.0247
0	2.991	1,2,3-Trichloropropane [2C]	0.00	0.0000	0.0000
23	3.669	1,3-Dichlorobenzene [2C]	204596.74	1.7261	1.7261
31	4.336	1,2-Dibromo-3-chloropropane [2	53095.30	0.0228	0.0228
			283892.67	1.7735	1.7735

Report stored in ASCII file: C:\TC4\HP6890\JULY\9GFA041.TXO

Chromatogram

Sample Name : B706062-05
FileName : G:\TC4\HP6890\JULY\9GFA041.RAW
Method :
Start Time : 0.00 min End Time : 5.00 min
Scale Factor: -1.0 Plot Offset: 273 mV

Sample #: 41
Date : 7/17/07 03:20 PM
Time of Injection: 7/12/07 12:03 AM
Low Point : 273.46 mV High Point : 5273.46 mV
Plot Scale: 5000.0 mV



Manual int. to adjust baseline.
OM 7/17/07
for
JJ 7-13-07

PREP LOGS

PREPARATION BENCH SHEET

Printed: 7/6/2007 5:50:59PM

7G06016

ENCO Jacksonville

Analysis
8011
8011 EDB

Prepared using: EPA 8011

Surrogate Solution
B7E0109 EDB- Surrogate Stock (1.0ug/mL)

Spiking Solution
B7E0110 EDB - LCS Spike

627

Matrix: Water

Lab Number	Code	Sample ID, Source and Sample Location		Due Date	Analysis	Prepared	Initial (mL)	Final (mL)	ul Spike	ul Surrogate	pH adj	Extraction Comments
7G06016-BLK1		Blank			QC	7/6/07	35.0	2.0	0	35		
7G06016-BS1		LCS			QC				35	35		
7G06016-MS1		Matrix Spike [B706062-01]			QC				35	35		
7G06016-MSD1		Matrix Spike Dup [B706062-01]			QC				35	35		
B705703-01		FISC-5 GW-01	E[E19]	06-Jul-07	8011 EDB					35		
B705703-03		FISC-4-GW-01	E[E19]	06-Jul-07	8011 EDB					35		
B705703-04		FISC-4-GW-02	E[E19]	06-Jul-07	8011 EDB					35		
B705885-01	D	JAX25-MW13-20070705	E[E21]	12-Jul-07	8011 EDB					35		
B705885-02	D	JAX25-MW04-20070705	E[E21]	12-Jul-07	8011 EDB					35		
B705885-03	D	JAX25-MW12-20070705	E[E21]	12-Jul-07	8011 EDB					35		
B705885-04	D	JAX25-MW03-20070705	E[E21]	12-Jul-07	8011 EDB					35		
B705885-05	D	JAX25-MW07-20070705	E[E21]	12-Jul-07	8011 EDB					35		
B705885-06	D	JAX25-MW01-20070705	E[E21]	12-Jul-07	8011 EDB					35		
B705885-07	D	JAX25-MW02-20070705	E[E21]	12-Jul-07	8011 EDB					35		
B705885-08	D	JAX25-MW11-20070705	E[E21]	12-Jul-07	8011 EDB					35		
B705985-01		MW-2	A[E20]	11-Jul-07	8011					35		
B706062-01	D	JAX25-MW14-20070706	V[E22]		8011					100		
B706062-01	D	JAX25-MW14-20070706	V[E22]	13-Jul-07	8011 EDB					100		
B706062-02	D	JAX25-MW15-20070706	H[E22]	13-Jul-07	8011 EDB					100		
B706062-03	D	JAX25-MW09-20070706	H[E22]	13-Jul-07	8011 EDB					100		

Spiking Witnessed By Date

GM 7/7/07
Preparation Reviewed By Date

Extracts Received By Date

C:\ELMNT\Print\bch_ENCO_EXT.rpt

PREPARATION BENCH SHEET

Printed: 7/6/2007 5:50:59PM

7G06016

ENCO Jacksonville

Prepared using: EPA 8011

Analysis
8011
8011 EDB

Surrogate Solution
B7E0109 EDB- Surrogate Stock (1.0ug/mL)

Spiking Solution
B7E0110 EDB - LCS Spike

628

Matrix: Water

Lab Number	Code	Sample ID, Source and Sample Location		Due Date	Analysis	Prepared	Initial (mL)	Final (mL)	ul Spike	ul Surrogate	pH adj	Extraction Comments
B706062-04	D	JAX25-DUP-20070706	H[E22]	13-Jul-07	8011 EDB	7/6/07	35.0	2.0		100		
B706062-05	D	JAX25-MW05-20070706	H[E22]	13-Jul-07	8011 EDB	⊥	⊥	⊥		100		

Start Date/Time _____

StopDate/Time _____

Standard ID#	Description	Manufacture Lot#
B6E0048	Sodium Chloride 12 kg	44127444
B7F0077	Hexane UV	61638

Spiking Witnessed By _____ Date

GM Preparation Reviewed By 7/7/07 Date

Extracts Received By _____ Date

C:\ELMNT\Print\bch_ENCO_EXT.rpt

ENCO Jacksonville

SDG: BR006-024

CLASS: SVOA

METHOD: EPA 8270C

ANALYSES DATA PACKAGE COVER PAGE

EPA 8270C

Laboratory: ENCO Jacksonville

SDG: BR006-024

Client: Tetra Tech NUS (BR006)

Project: Naval Air Station CTO 252

Client Sample Id:	Lab Sample Id:
JAX25-MW13-20070705	B705885-01
JAX25-MW04-20070705	B705885-02
JAX25-MW12-20070705	B705885-03
JAX25-MW03-20070705	B705885-04
JAX25-MW07-20070705	B705885-05
JAX25-MW01-20070705	B705885-06
JAX25-MW02-20070705	B705885-07
JAX25-MW11-20070705	B705885-08
JAX25-MW14-20070706	B706062-01
JAX25-MW15-20070706	B706062-02
JAX25-MW09-20070706	B706062-03
JAX25-DUP-20070706	B706062-04
JAX25-MW05-20070706	B706062-05

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature: _____

Name: Christina Tompkins

Date: 7/16/07

Title: Project Manager

METHOD DETECTION AND REPORTING LIMITS

EPA 8270C

Laboratory: ENCO Jacksonville **SDG:** BR006-024

Client: Tetra Tech NUS (BR006) **Project:** Naval Air Station CTO 252

Matrix: Water **Instrument:** JSVGCMS1

Analyte	MDL	MRL	Units
Naphthalene	0.049	10	ug/L
2-Methylnaphthalene	0.021	10	ug/L
1-Methylnaphthalene	0.021	10	ug/L
Acenaphthylene	0.013	1	ug/L
Acenaphthene	0.021	1	ug/L
Benzo(a)anthracene	0.010	0.20	ug/L
Benzo(b)fluoranthene	0.020	0.20	ug/L
Benzo(k)fluoranthene	0.025	0.50	ug/L
Fluorene	0.049	10	ug/L
Benzo(g,h,i)perylene	0.026	1	ug/L
Benzo(a)pyrene	0.014	0.20	ug/L
Phenanthrene	0.038	10	ug/L
Anthracene	0.017	1	ug/L
Fluoranthene	0.034	10	ug/L
Pyrene	0.034	10	ug/L
Chrysene	0.023	1	ug/L
Dibenzo(a,h)anthracene	0.020	0.20	ug/L
Indeno(1,2,3-cd)pyrene	0.017	0.20	ug/L

PREPARATION BATCH SUMMARY

EPA 8270C

Laboratory: ENCO Jacksonville SDG: BR006-024

Client: Tetra Tech NUS (BR006) Project: Naval Air Station CTO 252

Batch: 7G09002 Batch Matrix: Water Preparation: EPA 3510C_MS

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
Blank	7G09002-BLK1	5GE010.D	07/09/07 11:27	
LCS	7G09002-BS1	5GE011.D	07/09/07 11:27	
JAX25-MW14-20070706	7G09002-MS1	5GE012.D	07/09/07 11:27	
JAX25-MW14-20070706	7G09002-MSD1	5GE013.D	07/09/07 11:27	
JAX25-MW13-20070705	B705885-01	5GE014.D	07/09/07 11:27	
JAX25-MW04-20070705	B705885-02	5GE015.D	07/09/07 11:27	
JAX25-MW12-20070705	B705885-03	5GE016.D	07/09/07 11:27	
JAX25-MW03-20070705	B705885-04	5GE017.D	07/09/07 11:27	
JAX25-MW07-20070705	B705885-05	5GE018.D	07/09/07 11:27	
JAX25-MW01-20070705	B705885-06	5GE019.D	07/09/07 11:27	
JAX25-MW02-20070705	B705885-07	5GE020.D	07/09/07 11:27	
JAX25-MW11-20070705	B705885-08	5GE021.D	07/09/07 11:27	
JAX25-MW14-20070706	B706062-01	5GE022.D	07/09/07 11:27	Use this sample as the MS/MSD
JAX25-MW15-20070706	B706062-02	5GE023.D	07/09/07 11:27	
JAX25-MW09-20070706	B706062-03	5GE024.D	07/09/07 11:27	
JAX25-DUP-20070706	B706062-04	5GE025.D	07/09/07 11:27	
JAX25-MW05-20070706	B706062-05	5GE026.D	07/09/07 11:27	

ANALYSIS BATCH (SEQUENCE) SUMMARY
EPA 8270C

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Sequence:	BA00950	Instrument:	JSVGCMS1
Matrix:	Water	Calibration:	UNASSIGNED

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	BA00950-TUN1	5GD001.D	07/09/07 15:26
Cal Standard	BA00950-CAL1	5GD004.D	07/09/07 17:06
Cal Standard	BA00950-CAL2	5GD005.D	07/09/07 17:23
Cal Standard	BA00950-CAL3	5GD006.D	07/09/07 17:40
Cal Standard	BA00950-CAL4	5GD007.D	07/09/07 17:58
Cal Standard	BA00950-CAL5	5GD008.D	07/09/07 18:15
Cal Standard	BA00950-CAL6	5GD009.D	07/09/07 18:33
Initial Cal Check	BA00950-ICV1	5GD010.D	07/09/07 18:50

ANALYSIS BATCH (SEQUENCE) SUMMARY
EPA 8270C

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Sequence:	BA00957	Instrument:	JSVGCMS1
Matrix:	Water	Calibration:	0707002

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	BA00957-TUN1	5GE008.D	07/10/07 16:54
Calibration Check	BA00957-CCV1	5GE009.D	07/10/07 17:08
Blank	7G09002-BLK1	5GE010.D	07/10/07 17:35
LCS	7G09002-BS1	5GE011.D	07/10/07 17:52
JAX25-MW14-20070706	7G09002-MS1	5GE012.D	07/10/07 18:10
JAX25-MW14-20070706	7G09002-MSD1	5GE013.D	07/10/07 18:27
JAX25-MW13-20070705	B705885-01	5GE014.D	07/10/07 18:44
JAX25-MW04-20070705	B705885-02	5GE015.D	07/10/07 19:02
JAX25-MW12-20070705	B705885-03	5GE016.D	07/10/07 19:19
JAX25-MW03-20070705	B705885-04	5GE017.D	07/10/07 19:37
JAX25-MW07-20070705	B705885-05	5GE018.D	07/10/07 19:54
JAX25-MW01-20070705	B705885-06	5GE019.D	07/10/07 20:12
JAX25-MW02-20070705	B705885-07	5GE020.D	07/10/07 20:29
JAX25-MW11-20070705	B705885-08	5GE021.D	07/10/07 20:46
JAX25-MW14-20070706	B706062-01	5GE022.D	07/10/07 21:04
JAX25-MW15-20070706	B706062-02	5GE023.D	07/10/07 21:21
JAX25-MW09-20070706	B706062-03	5GE024.D	07/10/07 21:38
JAX25-DUP-20070706	B706062-04	5GE025.D	07/10/07 21:56
JAX25-MW05-20070706	B706062-05	5GE026.D	07/10/07 22:13

HOLDING TIME SUMMARY
EPA 8270C

Laboratory: ENCO Jacksonville SDG: BR006-024

Client: Tetra Tech NUS (BR006) Project: Naval Air Station CTO 252

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	O
JAX25-MW13-20070705	07/05/07 11:56	07/05/07 16:20	07/09/07 11:27	4.00	7.00	07/10/07 18:44	1.00	40.00	
JAX25-MW04-20070705	07/05/07 13:00	07/05/07 16:20	07/09/07 11:27	4.00	7.00	07/10/07 19:02	1.00	40.00	
JAX25-MW12-20070705	07/05/07 14:57	07/05/07 16:20	07/09/07 11:27	4.00	7.00	07/10/07 19:19	1.00	40.00	
JAX25-MW03-20070705	07/05/07 14:07	07/05/07 16:20	07/09/07 11:27	4.00	7.00	07/10/07 19:37	1.00	40.00	
JAX25-MW07-20070705	07/05/07 11:50	07/05/07 16:20	07/09/07 11:27	4.00	7.00	07/10/07 19:54	1.00	40.00	
JAX25-MW01-20070705	07/05/07 12:59	07/05/07 16:20	07/09/07 11:27	4.00	7.00	07/10/07 20:12	1.00	40.00	
JAX25-MW02-20070705	07/05/07 14:12	07/05/07 16:20	07/09/07 11:27	4.00	7.00	07/10/07 20:29	1.00	40.00	
JAX25-MW11-20070705	07/05/07 15:09	07/05/07 16:20	07/09/07 11:27	4.00	7.00	07/10/07 20:46	1.00	40.00	
JAX25-MW14-20070706	07/06/07 10:20	07/06/07 13:00	07/09/07 11:27	3.00	7.00	07/10/07 21:04	1.00	40.00	
JAX25-MW15-20070706	07/06/07 11:49	07/06/07 13:00	07/09/07 11:27	3.00	7.00	07/10/07 21:21	1.00	40.00	
JAX25-MW09-20070706	07/06/07 10:42	07/06/07 13:00	07/09/07 11:27	3.00	7.00	07/10/07 21:38	1.00	40.00	
JAX25-DUP-20070706	07/06/07 00:00	07/06/07 13:00	07/09/07 11:27	3.00	7.00	07/10/07 21:56	1.00	40.00	
JAX25-MW05-20070706	07/06/07 11:54	07/06/07 13:00	07/09/07 11:27	3.00	7.00	07/10/07 22:13	1.00	40.00	

ORGANIC ANALYSIS DATA SHEET
EPA 8270C

JAX25-MW13-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-01	File ID:	5GE014.D
Sampled:	07/05/07 11:56	Prepared:	07/09/07 11:27	Analyzed:	07/10/07 18:44
Solids:		Preparation:	EPA 3510C_MS	Initial/Final:	500 mL / 0.5 mL

Batch: 7G09002 Sequence: BA00957 Calibration: 0707002 Instrument: JSVGCMS1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
56-55-3	Benzo(a)anthracene	1	0.01	U	0.01	0.20
205-99-2	Benzo(b)fluoranthene	1	0.02	U	0.02	0.20
207-08-9	Benzo(k)fluoranthene	1	0.02	U	0.02	0.50
191-24-2	Benzo(g,h,i)perylene	1	0.03	U	0.03	1.0
50-32-8	Benzo(a)pyrene	1	0.01	U	0.01	0.20
53-70-3	Dibenzo(a,h)anthracene	1	0.02	U	0.02	0.20
193-39-5	Indeno(1,2,3-cd)pyrene	1	0.02	U	0.02	0.20
91-20-3	Naphthalene	1	0.05	U	0.05	10
91-57-6	2-Methylnaphthalene	1	0.02	U	0.02	10
90-12-0	1-Methylnaphthalene	1	0.13	I	0.02	10
208-96-8	Acenaphthylene	1	0.01	U	0.01	1.0
83-32-9	Acenaphthene	1	0.46	I	0.02	1.0
86-73-7	Fluorene	1	0.16	I	0.05	10
85-01-8	Phenanthrene	1	0.07	I	0.04	10
120-12-7	Anthracene	1	0.02	U	0.02	1.0
206-44-0	Fluoranthene	1	0.03	U	0.03	10
129-00-0	Pyrene	1	0.03	U	0.03	10
218-01-9	Chrysene	1	0.02	U	0.02	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
p-Terphenyl	5.00	4.0	81	34 - 134	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Naphthalene-d8	352623	3.55	275776	3.55	
Acenaphthene-d10	186231	5.27	144637	5.28	
Phenanthrene-d10	340460	6.77	257208	6.77	
Chrysene-d12	354544	9.29	294448	9.29	
Perylene-d12	232532	10.65	243565	10.66	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8270C

JAX25-MW04-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-02	File ID:	5GE015.D
Sampled:	07/05/07 13:00	Prepared:	07/09/07 11:27	Analyzed:	07/10/07 19:02
Solids:		Preparation:	EPA 3510C_MS	Initial/Final:	500 mL / 0.5 mL

Batch: 7G09002 Sequence: BA00957 Calibration: 0707002 Instrument: JSVGCMS1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
56-55-3	Benzo(a)anthracene	1	0.01	U	0.01	0.20
205-99-2	Benzo(b)fluoranthene	1	0.02	U	0.02	0.20
207-08-9	Benzo(k)fluoranthene	1	0.02	U	0.02	0.50
191-24-2	Benzo(g,h,i)perylene	1	0.03	U	0.03	1.0
50-32-8	Benzo(a)pyrene	1	0.01	U	0.01	0.20
53-70-3	Dibenzo(a,h)anthracene	1	0.02	U	0.02	0.20
193-39-5	Indeno(1,2,3-cd)pyrene	1	0.02	U	0.02	0.20
91-20-3	Naphthalene	1	0.28	I	0.05	10
91-57-6	2-Methylnaphthalene	1	0.06	I	0.02	10
90-12-0	1-Methylnaphthalene	1	0.04	I	0.02	10
208-96-8	Acenaphthylene	1	0.01	U	0.01	1.0
83-32-9	Acenaphthene	1	0.02	U	0.02	1.0
86-73-7	Fluorene	1	0.05	U	0.05	10
85-01-8	Phenanthrene	1	0.04	U	0.04	10
120-12-7	Anthracene	1	0.02	U	0.02	1.0
206-44-0	Fluoranthene	1	0.03	U	0.03	10
129-00-0	Pyrene	1	0.03	U	0.03	10
218-01-9	Chrysene	1	0.02	U	0.02	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
p-Terphenyl	5.00	2.5	50	34 - 134	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Naphthalene-d8	389020	3.55	275776	3.55	
Acenaphthene-d10	209196	5.27	144637	5.28	
Phenanthrene-d10	333384	6.77	257208	6.77	
Chrysene-d12	378493	9.29	294448	9.29	
Perylene-d12	243493	10.65	243565	10.66	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8270C

JAX25-MW12-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-03	File ID:	5GE016.D
Sampled:	07/05/07 14:57	Prepared:	07/09/07 11:27	Analyzed:	07/10/07 19:19
Solids:		Preparation:	EPA 3510C_MS	Initial/Final:	500 mL / 0.5 mL

Batch: 7G09002 Sequence: BA00957 Calibration: 0707002 Instrument: JSVGCMS1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
56-55-3	Benzo(a)anthracene	1	0.01	U	0.01	0.20
205-99-2	Benzo(b)fluoranthene	1	0.02	U	0.02	0.20
207-08-9	Benzo(k)fluoranthene	1	0.02	U	0.02	0.50
191-24-2	Benzo(g,h,i)perylene	1	0.03	U	0.03	1.0
50-32-8	Benzo(a)pyrene	1	0.01	U	0.01	0.20
53-70-3	Dibenzo(a,h)anthracene	1	0.02	U	0.02	0.20
193-39-5	Indeno(1,2,3-cd)pyrene	1	0.02	U	0.02	0.20
91-20-3	Naphthalene	1	0.05	U	0.05	10
91-57-6	2-Methylnaphthalene	1	0.02	U	0.02	10
90-12-0	1-Methylnaphthalene	1	0.02	U	0.02	10
208-96-8	Acenaphthylene	1	0.01	U	0.01	1.0
83-32-9	Acenaphthene	1	0.02	U	0.02	1.0
86-73-7	Fluorene	1	0.05	U	0.05	10
85-01-8	Phenanthrene	1	0.04	U	0.04	10
120-12-7	Anthracene	1	0.02	U	0.02	1.0
206-44-0	Fluoranthene	1	0.03	U	0.03	10
129-00-0	Pyrene	1	0.03	U	0.03	10
218-01-9	Chrysene	1	0.02	U	0.02	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
p-Terphenyl	5.00	3.7	73	34 - 134	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Naphthalene-d8	403067	3.55	275776	3.55	
Acenaphthene-d10	211835	5.27	144637	5.28	
Phenanthrene-d10	375277	6.77	257208	6.77	
Chrysene-d12	373699	9.29	294448	9.29	
Perylene-d12	238468	10.65	243565	10.66	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8270C

JAX25-MW03-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-04	File ID:	5GE017.D
Sampled:	07/05/07 14:07	Prepared:	07/09/07 11:27	Analyzed:	07/10/07 19:37
Solids:		Preparation:	EPA 3510C_MS	Initial/Final:	500 mL / 0.5 mL

Batch: 7G09002 Sequence: BA00957 Calibration: 0707002 Instrument: JSVGCMS1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
56-55-3	Benzo(a)anthracene	1	0.01	U	0.01	0.20
205-99-2	Benzo(b)fluoranthene	1	0.02	U	0.02	0.20
207-08-9	Benzo(k)fluoranthene	1	0.02	U	0.02	0.50
191-24-2	Benzo(g,h,i)perylene	1	0.03	U	0.03	1.0
50-32-8	Benzo(a)pyrene	1	0.01	U	0.01	0.20
53-70-3	Dibenzo(a,h)anthracene	1	0.02	U	0.02	0.20
193-39-5	Indeno(1,2,3-cd)pyrene	1	0.02	U	0.02	0.20
91-20-3	Naphthalene	1	1.9	I	0.05	10
91-57-6	2-Methylnaphthalene	1	0.35	I	0.02	10
90-12-0	1-Methylnaphthalene	1	0.15	I	0.02	10
208-96-8	Acenaphthylene	1	0.01	U	0.01	1.0
83-32-9	Acenaphthene	1	0.06	I	0.02	1.0
86-73-7	Fluorene	1	0.05	U	0.05	10
85-01-8	Phenanthrene	1	0.05	I	0.04	10
120-12-7	Anthracene	1	0.02	U	0.02	1.0
206-44-0	Fluoranthene	1	0.03	U	0.03	10
129-00-0	Pyrene	1	0.03	U	0.03	10
218-01-9	Chrysene	1	0.02	U	0.02	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
p-Terphenyl	5.00	3.5	69	34 - 134	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Naphthalene-d8	428076	3.55	275776	3.55	
Acenaphthene-d10	246463	5.27	144637	5.28	
Phenanthrene-d10	404577	6.77	257208	6.77	
Chrysene-d12	415376	9.29	294448	9.29	
Perylene-d12	272426	10.65	243565	10.66	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8270C

JAX25-MW07-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-05	File ID:	5GE018.D
Sampled:	07/05/07 11:50	Prepared:	07/09/07 11:27	Analyzed:	07/10/07 19:54
Solids:		Preparation:	EPA 3510C_MS	Initial/Final:	500 mL / 0.5 mL

Batch: 7G09002 Sequence: BA00957 Calibration: 0707002 Instrument: JSVGCMS1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
56-55-3	Benzo(a)anthracene	1	0.04	I	0.01	0.20
205-99-2	Benzo(b)fluoranthene	1	0.02	U	0.02	0.20
207-08-9	Benzo(k)fluoranthene	1	0.02	U	0.02	0.50
191-24-2	Benzo(g,h,i)perylene	1	0.03	U	0.03	1.0
50-32-8	Benzo(a)pyrene	1	0.01	U	0.01	0.20
53-70-3	Dibenzo(a,h)anthracene	1	0.02	U	0.02	0.20
193-39-5	Indeno(1,2,3-cd)pyrene	1	0.02	U	0.02	0.20
91-20-3	Naphthalene	1	0.05	U	0.05	10
91-57-6	2-Methylnaphthalene	1	0.02	U	0.02	10
90-12-0	1-Methylnaphthalene	1	0.02	U	0.02	10
208-96-8	Acenaphthylene	1	0.01	U	0.01	1.0
83-32-9	Acenaphthene	1	1.2		0.02	1.0
86-73-7	Fluorene	1	0.05	U	0.05	10
85-01-8	Phenanthrene	1	0.04	I	0.04	10
120-12-7	Anthracene	1	0.02	U	0.02	1.0
206-44-0	Fluoranthene	1	0.08	I	0.03	10
129-00-0	Pyrene	1	0.60	I	0.03	10
218-01-9	Chrysene	1	0.02	U	0.02	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
p-Terphenyl	5.00	3.9	78	34 - 134	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Naphthalene-d8	381425	3.55	275776	3.55	
Acenaphthene-d10	197646	5.27	144637	5.28	
Phenanthrene-d10	355242	6.77	257208	6.77	
Chrysene-d12	381918	9.29	294448	9.29	
Perylene-d12	241496	10.65	243565	10.66	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8270C

JAX25-MW01-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-06	File ID:	5GE019.D
Sampled:	07/05/07 12:59	Prepared:	07/09/07 11:27	Analyzed:	07/10/07 20:12
Solids:		Preparation:	EPA 3510C_MS	Initial/Final:	500 mL / 0.5 mL

Batch: 7G09002 Sequence: BA00957 Calibration: 0707002 Instrument: JSVGCMS1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
56-55-3	Benzo(a)anthracene	1	0.01	U	0.01	0.20
205-99-2	Benzo(b)fluoranthene	1	0.02	U	0.02	0.20
207-08-9	Benzo(k)fluoranthene	1	0.02	U	0.02	0.50
191-24-2	Benzo(g,h,i)perylene	1	0.03	U	0.03	1.0
50-32-8	Benzo(a)pyrene	1	0.01	U	0.01	0.20
53-70-3	Dibenzo(a,h)anthracene	1	0.02	U	0.02	0.20
193-39-5	Indeno(1,2,3-cd)pyrene	1	0.02	U	0.02	0.20
91-20-3	Naphthalene	1	0.05	U	0.05	10
91-57-6	2-Methylnaphthalene	1	0.02	U	0.02	10
90-12-0	1-Methylnaphthalene	1	0.02	U	0.02	10
208-96-8	Acenaphthylene	1	0.01	U	0.01	1.0
83-32-9	Acenaphthene	1	0.05	I	0.02	1.0
86-73-7	Fluorene	1	0.05	U	0.05	10
85-01-8	Phenanthrene	1	0.04	U	0.04	10
120-12-7	Anthracene	1	0.02	U	0.02	1.0
206-44-0	Fluoranthene	1	0.03	U	0.03	10
129-00-0	Pyrene	1	0.07	I	0.03	10
218-01-9	Chrysene	1	0.02	U	0.02	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
p-Terphenyl	5.00	3.5	71	34 - 134	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Naphthalene-d8	448606	3.55	275776	3.55	
Acenaphthene-d10	231625	5.27	144637	5.28	
Phenanthrene-d10	409856	6.77	257208	6.77	
Chrysene-d12	438354	9.29	294448	9.29	
Perylene-d12	274928	10.65	243565	10.66	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8270C

JAX25-MW02-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-07	File ID:	5GE020.D
Sampled:	07/05/07 14:12	Prepared:	07/09/07 11:27	Analyzed:	07/10/07 20:29
Solids:		Preparation:	EPA 3510C_MS	Initial/Final:	500 mL / 0.5 mL

Batch: 7G09002 Sequence: BA00957 Calibration: 0707002 Instrument: JSVGCMS1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
56-55-3	Benzo(a)anthracene	1	0.01	U	0.01	0.20
205-99-2	Benzo(b)fluoranthene	1	0.02	U	0.02	0.20
207-08-9	Benzo(k)fluoranthene	1	0.02	U	0.02	0.50
191-24-2	Benzo(g,h,i)perylene	1	0.03	U	0.03	1.0
50-32-8	Benzo(a)pyrene	1	0.01	U	0.01	0.20
53-70-3	Dibenzo(a,h)anthracene	1	0.02	U	0.02	0.20
193-39-5	Indeno(1,2,3-cd)pyrene	1	0.02	U	0.02	0.20
91-20-3	Naphthalene	1	0.05	U	0.05	10
91-57-6	2-Methylnaphthalene	1	0.02	U	0.02	10
90-12-0	1-Methylnaphthalene	1	0.02	U	0.02	10
208-96-8	Acenaphthylene	1	0.01	U	0.01	1.0
83-32-9	Acenaphthene	1	0.47	I	0.02	1.0
86-73-7	Fluorene	1	0.05	U	0.05	10
85-01-8	Phenanthrene	1	0.04	U	0.04	10
120-12-7	Anthracene	1	0.02	U	0.02	1.0
206-44-0	Fluoranthene	1	0.03	U	0.03	10
129-00-0	Pyrene	1	0.03	U	0.03	10
218-01-9	Chrysene	1	0.02	U	0.02	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
p-Terphenyl	5.00	3.9	78	34 - 134	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Naphthalene-d8	397573	3.55	275776	3.55	
Acenaphthene-d10	212292	5.27	144637	5.28	
Phenanthrene-d10	340046	6.77	257208	6.77	
Chrysene-d12	378868	9.29	294448	9.29	
Perylene-d12	239202	10.65	243565	10.66	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8270C

JAX25-MW11-20070705

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B705885-08	File ID:	5GE021.D
Sampled:	07/05/07 15:09	Prepared:	07/09/07 11:27	Analyzed:	07/10/07 20:46
Solids:		Preparation:	EPA 3510C_MS	Initial/Final:	500 mL / 0.5 mL

Batch: 7G09002 Sequence: BA00957 Calibration: 0707002 Instrument: JSVGCMS1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
56-55-3	Benzo(a)anthracene	1	0.01	U	0.01	0.20
205-99-2	Benzo(b)fluoranthene	1	0.02	U	0.02	0.20
207-08-9	Benzo(k)fluoranthene	1	0.02	U	0.02	0.50
191-24-2	Benzo(g,h,i)perylene	1	0.03	U	0.03	1.0
50-32-8	Benzo(a)pyrene	1	0.01	U	0.01	0.20
53-70-3	Dibenzo(a,h)anthracene	1	0.02	U	0.02	0.20
193-39-5	Indeno(1,2,3-cd)pyrene	1	0.02	U	0.02	0.20
91-20-3	Naphthalene	1	0.05	U	0.05	10
91-57-6	2-Methylnaphthalene	1	0.02	U	0.02	10
90-12-0	1-Methylnaphthalene	1	0.02	U	0.02	10
208-96-8	Acenaphthylene	1	0.01	U	0.01	1.0
83-32-9	Acenaphthene	1	0.02	U	0.02	1.0
86-73-7	Fluorene	1	0.05	U	0.05	10
85-01-8	Phenanthrene	1	0.04	U	0.04	10
120-12-7	Anthracene	1	0.02	U	0.02	1.0
206-44-0	Fluoranthene	1	0.03	U	0.03	10
129-00-0	Pyrene	1	0.03	U	0.03	10
218-01-9	Chrysene	1	0.02	U	0.02	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
p-Terphenyl	5.00	3.8	76	34 - 134	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Naphthalene-d8	437572	3.55	275776	3.55	
Acenaphthene-d10	233731	5.27	144637	5.28	
Phenanthrene-d10	382399	6.77	257208	6.77	
Chrysene-d12	405572	9.29	294448	9.29	
Perylene-d12	260024	10.65	243565	10.66	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8270C

JAX25-MW14-20070706

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B706062-01	File ID:	5GE022.D
Sampled:	07/06/07 10:20	Prepared:	07/09/07 11:27	Analyzed:	07/10/07 21:04
Solids:		Preparation:	EPA 3510C_MS	Initial/Final:	500 mL / 0.5 mL

Batch: 7G09002 Sequence: BA00957 Calibration: 0707002 Instrument: JSVGCMS1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
56-55-3	Benzo(a)anthracene	1	0.01	U	0.01	0.20
205-99-2	Benzo(b)fluoranthene	1	0.02	U	0.02	0.20
207-08-9	Benzo(k)fluoranthene	1	0.02	U	0.02	0.50
191-24-2	Benzo(g,h,i)perylene	1	0.03	U	0.03	1.0
50-32-8	Benzo(a)pyrene	1	0.01	U	0.01	0.20
53-70-3	Dibenzo(a,h)anthracene	1	0.02	U	0.02	0.20
193-39-5	Indeno(1,2,3-cd)pyrene	1	0.02	U	0.02	0.20
91-20-3	Naphthalene	1	0.05	U	0.05	10
91-57-6	2-Methylnaphthalene	1	0.02	U	0.02	10
90-12-0	1-Methylnaphthalene	1	0.02	U	0.02	10
208-96-8	Acenaphthylene	1	0.01	U	0.01	1.0
83-32-9	Acenaphthene	1	0.21	I	0.02	1.0
86-73-7	Fluorene	1	0.35	I	0.05	10
85-01-8	Phenanthrene	1	0.04	U	0.04	10
120-12-7	Anthracene	1	0.05	I	0.02	1.0
206-44-0	Fluoranthene	1	0.03	U	0.03	10
129-00-0	Pyrene	1	0.03	U	0.03	10
218-01-9	Chrysene	1	0.02	U	0.02	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
p-Terphenyl	5.00	4.0	80	34 - 134	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Naphthalene-d8	389752	3.55	275776	3.55	
Acenaphthene-d10	217607	5.27	144637	5.28	
Phenanthrene-d10	366363	6.77	257208	6.77	
Chrysene-d12	433565	9.29	294448	9.29	
Perylene-d12	306334	10.65	243565	10.66	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8270C

JAX25-MW15-20070706

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B706062-02	File ID:	5GE023.D
Sampled:	07/06/07 11:49	Prepared:	07/09/07 11:27	Analyzed:	07/10/07 21:21
Solids:		Preparation:	EPA 3510C_MS	Initial/Final:	500 mL / 0.5 mL

Batch: 7G09002 Sequence: BA00957 Calibration: 0707002 Instrument: JSVGCMS1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
56-55-3	Benzo(a)anthracene	1	0.01	U	0.01	0.20
205-99-2	Benzo(b)fluoranthene	1	0.02	U	0.02	0.20
207-08-9	Benzo(k)fluoranthene	1	0.02	U	0.02	0.50
191-24-2	Benzo(g,h,i)perylene	1	0.03	U	0.03	1.0
50-32-8	Benzo(a)pyrene	1	0.01	U	0.01	0.20
53-70-3	Dibenzo(a,h)anthracene	1	0.02	U	0.02	0.20
193-39-5	Indeno(1,2,3-cd)pyrene	1	0.02	U	0.02	0.20
91-20-3	Naphthalene	1	0.21	I	0.05	10
91-57-6	2-Methylnaphthalene	1	0.03	I	0.02	10
90-12-0	1-Methylnaphthalene	1	2.2	I	0.02	10
208-96-8	Acenaphthylene	1	0.01	U	0.01	1.0
83-32-9	Acenaphthene	1	1.0		0.02	1.0
86-73-7	Fluorene	1	0.48	I	0.05	10
85-01-8	Phenanthrene	1	0.07	I	0.04	10
120-12-7	Anthracene	1	0.02	U	0.02	1.0
206-44-0	Fluoranthene	1	0.05	I	0.03	10
129-00-0	Pyrene	1	0.04	I	0.03	10
218-01-9	Chrysene	1	0.02	U	0.02	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
p-Terphenyl	5.00	4.0	80	34 - 134	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Naphthalene-d8	381382	3.55	275776	3.55	
Acenaphthene-d10	220957	5.27	144637	5.28	
Phenanthrene-d10	379071	6.77	257208	6.77	
Chrysene-d12	404671	9.29	294448	9.29	
Perylene-d12	262550	10.65	243565	10.66	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8270C

JAX25-MW09-20070706

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B706062-03	File ID:	5GE024.D
Sampled:	07/06/07 10:42	Prepared:	07/09/07 11:27	Analyzed:	07/10/07 21:38
Solids:		Preparation:	EPA 3510C_MS	Initial/Final:	500 mL / 0.5 mL

Batch: 7G09002 Sequence: BA00957 Calibration: 0707002 Instrument: JSVGCMS1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
56-55-3	Benzo(a)anthracene	1	0.01	U	0.01	0.20
205-99-2	Benzo(b)fluoranthene	1	0.02	U	0.02	0.20
207-08-9	Benzo(k)fluoranthene	1	0.02	U	0.02	0.50
191-24-2	Benzo(g,h,i)perylene	1	0.03	U	0.03	1.0
50-32-8	Benzo(a)pyrene	1	0.01	U	0.01	0.20
53-70-3	Dibenzo(a,h)anthracene	1	0.02	U	0.02	0.20
193-39-5	Indeno(1,2,3-cd)pyrene	1	0.02	U	0.02	0.20
91-20-3	Naphthalene	1	0.55	I	0.05	10
91-57-6	2-Methylnaphthalene	1	18		0.02	10
90-12-0	1-Methylnaphthalene	1	16		0.02	10
208-96-8	Acenaphthylene	1	0.01	U	0.01	1.0
83-32-9	Acenaphthene	1	0.52	I	0.02	1.0
86-73-7	Fluorene	1	0.24	I	0.05	10
85-01-8	Phenanthrene	1	0.08	I	0.04	10
120-12-7	Anthracene	1	0.02	U	0.02	1.0
206-44-0	Fluoranthene	1	0.03	U	0.03	10
129-00-0	Pyrene	1	0.09	I	0.03	10
218-01-9	Chrysene	1	0.02	U	0.02	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
p-Terphenyl	5.00	3.6	72	34 - 134	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Naphthalene-d8	433280	3.54	275776	3.55	
Acenaphthene-d10	242632	5.27	144637	5.28	
Phenanthrene-d10	404131	6.77	257208	6.77	
Chrysene-d12	421176	9.29	294448	9.29	
Perylene-d12	273417	10.65	243565	10.66	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8270C

JAX25-DUP-20070706

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B706062-04	File ID:	5GE025.D
Sampled:	07/06/07 00:00	Prepared:	07/09/07 11:27	Analyzed:	07/10/07 21:56
Solids:		Preparation:	EPA 3510C_MS	Initial/Final:	500 mL / 0.5 mL

Batch: 7G09002 Sequence: BA00957 Calibration: 0707002 Instrument: JSVGCMS1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
56-55-3	Benzo(a)anthracene	1	0.01	U	0.01	0.20
205-99-2	Benzo(b)fluoranthene	1	0.02	U	0.02	0.20
207-08-9	Benzo(k)fluoranthene	1	0.02	U	0.02	0.50
191-24-2	Benzo(g,h,i)perylene	1	0.03	U	0.03	1.0
50-32-8	Benzo(a)pyrene	1	0.01	U	0.01	0.20
53-70-3	Dibenzo(a,h)anthracene	1	0.02	U	0.02	0.20
193-39-5	Indeno(1,2,3-cd)pyrene	1	0.02	U	0.02	0.20
91-20-3	Naphthalene	1	0.52	I	0.05	10
91-57-6	2-Methylnaphthalene	1	15		0.02	10
90-12-0	1-Methylnaphthalene	1	14		0.02	10
208-96-8	Acenaphthylene	1	0.01	U	0.01	1.0
83-32-9	Acenaphthene	1	0.48	I	0.02	1.0
86-73-7	Fluorene	1	0.21	I	0.05	10
85-01-8	Phenanthrene	1	0.08	I	0.04	10
120-12-7	Anthracene	1	0.02	U	0.02	1.0
206-44-0	Fluoranthene	1	0.03	U	0.03	10
129-00-0	Pyrene	1	0.09	I	0.03	10
218-01-9	Chrysene	1	0.02	U	0.02	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
p-Terphenyl	5.00	3.7	73	34 - 134	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Naphthalene-d8	416570	3.55	275776	3.55	
Acenaphthene-d10	232183	5.27	144637	5.28	
Phenanthrene-d10	382985	6.77	257208	6.77	
Chrysene-d12	399398	9.29	294448	9.29	
Perylene-d12	250072	10.65	243565	10.66	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8270C

JAX25-MW05-20070706

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Ground Water	Laboratory ID:	B706062-05	File ID:	5GE026.D
Sampled:	07/06/07 11:54	Prepared:	07/09/07 11:27	Analyzed:	07/10/07 22:13
Solids:		Preparation:	EPA 3510C_MS	Initial/Final:	500 mL / 0.5 mL

Batch: 7G09002 Sequence: BA00957 Calibration: 0707002 Instrument: JSVGCMS1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q	MDL	MRL
56-55-3	Benzo(a)anthracene	1	0.01	U	0.01	0.20
205-99-2	Benzo(b)fluoranthene	1	0.02	U	0.02	0.20
207-08-9	Benzo(k)fluoranthene	1	0.02	U	0.02	0.50
191-24-2	Benzo(g,h,i)perylene	1	0.03	U	0.03	1.0
50-32-8	Benzo(a)pyrene	1	0.01	U	0.01	0.20
53-70-3	Dibenzo(a,h)anthracene	1	0.02	U	0.02	0.20
193-39-5	Indeno(1,2,3-cd)pyrene	1	0.02	U	0.02	0.20
91-20-3	Naphthalene	1	0.05	U	0.05	10
91-57-6	2-Methylnaphthalene	1	0.02	U	0.02	10
90-12-0	1-Methylnaphthalene	1	0.02	U	0.02	10
208-96-8	Acenaphthylene	1	0.01	U	0.01	1.0
83-32-9	Acenaphthene	1	1.6		0.02	1.0
86-73-7	Fluorene	1	0.39	I	0.05	10
85-01-8	Phenanthrene	1	0.10	I	0.04	10
120-12-7	Anthracene	1	0.07	I	0.02	1.0
206-44-0	Fluoranthene	1	0.03	U	0.03	10
129-00-0	Pyrene	1	0.54	I	0.03	10
218-01-9	Chrysene	1	0.02	U	0.02	1.0

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
p-Terphenyl	5.00	4.2	84	34 - 134	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Naphthalene-d8	395872	3.55	275776	3.55	
Acenaphthene-d10	200441	5.27	144637	5.28	
Phenanthrene-d10	355044	6.77	257208	6.77	
Chrysene-d12	375610	9.29	294448	9.29	
Perylene-d12	226641	10.66	243565	10.66	

* Values outside of QC limits

METHOD BLANK DATA SHEET
EPA 8270C

Laboratory:	ENCO Jacksonville			SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)			Project:	Naval Air Station CTO 252
Matrix:	Water	Laboratory ID:	7G09002-BLK1	File ID:	5GE010.D
Prepared:	07/09/07 11:27	Preparation:	EPA 3510C_MS	Initial/Final:	500 mL / 0.5 mL
Analyzed:	07/10/07 17:35	Instrument:	JSVGCMS1		
Batch:	7G09002	Sequence:	BA00957	Calibration:	0707002

CAS NO.	COMPOUND	CONC. (ug/L)	Q
56-55-3	Benzo(a)anthracene	0.01	U
205-99-2	Benzo(b)fluoranthene	0.02	U
207-08-9	Benzo(k)fluoranthene	0.02	U
191-24-2	Benzo(g,h,i)perylene	0.03	U
50-32-8	Benzo(a)pyrene	0.01	U
53-70-3	Dibenzo(a,h)anthracene	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U
91-20-3	Naphthalene	0.05	U
91-57-6	2-Methylnaphthalene	0.02	U
90-12-0	1-Methylnaphthalene	0.02	U
208-96-8	Acenaphthylene	0.01	U
83-32-9	Acenaphthene	0.02	U
86-73-7	Fluorene	0.05	U
85-01-8	Phenanthrene	0.04	U
120-12-7	Anthracene	0.02	U
206-44-0	Fluoranthene	0.03	U
129-00-0	Pyrene	0.03	U
218-01-9	Chrysene	0.02	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
p-Terphenyl	5.00	4.5	90	34 - 134	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Naphthalene-d8	322688	3.55	275776	3.55	
Acenaphthene-d10	161468	5.28	144637	5.28	
Phenanthrene-d10	278900	6.78	257208	6.77	
Chrysene-d12	290505	9.3	294448	9.29	
Perylene-d12	169876	10.66	243565	10.66	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270C

JAX25-MW14-20070706

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Matrix:	Water		
Batch:	7G09002	Laboratory ID:	7G09002-MS1
Preparation:	EPA 3510C_MS	Initial/Final:	500 mL / 0.5 mL

Source Sample Name: JAX25-MW14-20070706

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Benzo(a)anthracene	2.00	ND	1.4	68	55 - 110
Benzo(b)fluoranthene	2.00	ND	1.4	68	45 - 115
Benzo(k)fluoranthene	2.00	ND	1.5	74	45 - 125
Benzo(g,h,i)perylene	2.00	ND	1.3	64	40 - 125
Benzo(a)pyrene	2.00	ND	1.4	69	55 - 110
Dibenzo(a,h)anthracene	2.00	ND	1.3	64	40 - 125
Indeno(1,2,3-cd)pyrene	2.00	ND	1.3	64	45 - 125
Naphthalene	2.00	ND	1.0	50	40 - 100
2-Methylnaphthalene	2.00	ND	0.99	50	45 - 105
1-Methylnaphthalene	2.00	ND	0.94	47	30 - 96
Acenaphthylene	2.00	ND	1.1	54	50 - 105
Acenaphthene	2.00	0.21	1.2	52	45 - 110
Fluorene	2.00	0.35	1.4	53	50 - 110
Phenanthrene	2.00	ND	1.4	72	50 - 115
Anthracene	2.00	0.05	1.4	67	55 - 110
Fluoranthene	2.00	ND	1.6	80	55 - 115
Pyrene	2.00	ND	1.6	78	50 - 130
Chrysene	2.00	ND	1.4	71	55 - 110

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Benzo(a)anthracene	2.00	1.5	75	9	22	55 - 110
Benzo(b)fluoranthene	2.00	1.6	80	15	23	45 - 115
Benzo(k)fluoranthene	2.00	1.6	80	8	22	45 - 125
Benzo(g,h,i)perylene	2.00	1.4	70	9	27	40 - 125
Benzo(a)pyrene	2.00	1.5	74	7	23	55 - 110
Dibenzo(a,h)anthracene	2.00	1.4	72	10	32	40 - 125
Indeno(1,2,3-cd)pyrene	2.00	1.4	70	9	22	45 - 125
Naphthalene	2.00	1.1	57	13	27	40 - 100
2-Methylnaphthalene	2.00	1.1	56	12	33	45 - 105
1-Methylnaphthalene	2.00	1.0	52	11	29	30 - 96

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8270C

JAX25-MW14-20070706

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Matrix:	Water		
Batch:	7G09002	Laboratory ID:	7G09002-MSD1
Preparation:	EPA 3510C_MS	Initial/Final:	500 mL / 0.5 mL

Source Sample Name: JAX25-MW14-20070706

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acenaphthylene	2.00	1.2	62	16	24	50 - 105
Acenaphthene	2.00	1.4	62	15	23	45 - 110
Fluorene	2.00	1.6	64	15	22	50 - 110
Phenanthrene	2.00	1.6	78	9	22	50 - 115
Anthracene	2.00	1.5	72	7	20	55 - 110
Fluoranthene	2.00	1.7	84	4	20	55 - 115
Pyrene	2.00	1.6	82	4	22	50 - 130
Chrysene	2.00	1.5	75	5	21	55 - 110

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

LCS / LCS DUPLICATE RECOVERY

EPA 8270C

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Matrix:	Water		
Batch:	7G09002	Laboratory ID:	7G09002-BS1
Preparation:	EPA 3510C_MS	Initial/Final:	500 mL / 0.5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Benzo(a)anthracene	2.00	1.3	66	55 - 110
Benzo(b)fluoranthene	2.00	1.3	66	45 - 115
Benzo(k)fluoranthene	2.00	2.0	100	45 - 125
Benzo(g,h,i)perylene	2.00	1.4	68	40 - 125
Benzo(a)pyrene	2.00	1.5	74	55 - 110
Dibenzo(a,h)anthracene	2.00	1.2	62	40 - 125
Indeno(1,2,3-cd)pyrene	2.00	1.4	68	45 - 125
Naphthalene	2.00	1.0	52	40 - 100
2-Methylnaphthalene	2.00	1.0	50	45 - 105
1-Methylnaphthalene	2.00	1.0	50	30 - 99
Acenaphthylene	2.00	1.1	56	50 - 105
Acenaphthene	2.00	1.2	58	45 - 110
Fluorene	2.00	1.2	61	50 - 110
Phenanthrene	2.00	1.2	62	50 - 115
Anthracene	2.00	1.4	70	55 - 110
Fluoranthene	2.00	1.6	78	55 - 115
Pyrene	2.00	1.5	76	50 - 130
Chrysene	2.00	1.8	90	55 - 110

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA 8270C

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Lab File ID:	5GD001.D	Injection Date:	07/09/07
Instrument ID:	JSVGCMS1	Injection Time:	15:26
Sequence:	BA00950	Lab Sample ID:	BA00950-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30 - 60% of 198	40	PASS
68	Less than 2% of 69	0	PASS
69	Less than 101% of 198	52.2	PASS
70	Less than 2% of 69	0.635	PASS
127	40 - 60% of 198	50.6	PASS
197	Less than 1% of 198	0	PASS
198	Base peak, 100% relative abundance	100	PASS
199	5 - 9% of 198	6.7	PASS
275	10 - 30% of 198	24.1	PASS
365	1 - 100% of 198	2.27	PASS
443	17 - 23% of 442	22.4	PASS
441	0.01 - 100% of 443	71.7	PASS
442	40 - 100% of 198	45	PASS

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA 8270C

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Lab File ID:	5GE008.D	Injection Date:	07/10/07
Instrument ID:	JSVGCMS1	Injection Time:	16:54
Sequence:	BA00957	Lab Sample ID:	BA00957-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30 - 60% of 198	36	PASS
68	Less than 2% of 69	0	PASS
69	Less than 101% of 198	49	PASS
70	Less than 2% of 69	0.589	PASS
127	40 - 60% of 198	49.1	PASS
197	Less than 1% of 198	0	PASS
198	Base peak, 100% relative abundance	100	PASS
199	5 - 9% of 198	6.85	PASS
275	10 - 30% of 198	24.4	PASS
365	1 - 100% of 198	2.41	PASS
443	17 - 23% of 442	20	PASS
441	0.01 - 100% of 443	74.7	PASS
442	40 - 100% of 198	52.6	PASS

CONTINUING CALIBRATION CHECK

EPA 8270C

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Instrument ID:	JSVGCMS1	Calibration:	0707002
Lab File ID:	5GE009.D	Calibration Date:	07/09/07 11:26
Sequence:	BA00957	Injection Date:	07/10/07
Lab Sample ID:	BA00957-CCV1	Injection Time:	17:08

		CONC. (ug/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Benzo(a)anthracene	A	5.00	4.8	1.332307	1.264571		-5.1	20
Benzo(b)fluoranthene	A	5.00	5.0	1.294497	1.292471		-0.2	20
Benzo(k)fluoranthene	A	5.00	6.3	1.548624	1.95285		26.1	20 *
Benzo(g,h,i)perylene	A	5.00	5.0	0.6076521	0.6083805		0.1	20
Benzo(a)pyrene	A	5.00	5.3	1.208707	1.290506		6.8	20
Dibenzo(a,h)anthracene	A	5.00	5.0	0.6362789	0.6365125		0.04	20
Indeno(1,2,3-cd)pyrene	A	5.00	5.0	0.7762748	0.7723155		-0.5	20
Naphthalene	A	5.00	5.2	1.14494	1.182306		3.3	20
2-Methylnaphthalene	A	5.00	5.1	0.6436689	0.6584728		2.3	20
1-Methylnaphthalene	A	5.00	5.3	0.6795582	0.716306		5.4	20
Acenaphthylene	A	5.00	5.0	2.129215	2.125161		-0.2	20
Acenaphthene	A	5.00	5.2	1.21221	1.254162		3.5	20
Fluorene	A	5.00	5.1	1.498305	1.523574		1.7	20
Phenanthrene	A	5.00	4.8	1.172968	1.127454		-3.9	20
Anthracene	A	5.00	5.1	1.344393	1.369831		1.9	20
Fluoranthene	A	5.00	5.2	1.619896	1.667853		3.0	20
Pyrene	A	5.00	5.2	1.745507	1.8219		4.4	20
Chrysene	A	5.00	5.4	1.42175	1.546115		8.7	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

SURROGATE STANDARD RECOVERY AND RT SUMMARY

EPA 8270C

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Sequence:	BA00957	Instrument:	JSVGCMS1
Matrix:	Water	Calibration:	0707002

Surrogate Compound	Spike Level ug/mL	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Calibration Check (BA00957-CCV1)			Lab File ID: 5GE009.D		Analyzed: 07/10/07 17:08			
p-Terphenyl	5.00	105	0 - 200	8.29	8.3	-0.0100	+/-1.0	
Blank (7G09002-BLK1)			Lab File ID: 5GE010.D		Analyzed: 07/10/07 17:35			
p-Terphenyl	5.00	90	34 - 134	8.3	8.3	0.0000	+/-1.0	
LCS (7G09002-BS1)			Lab File ID: 5GE011.D		Analyzed: 07/10/07 17:52			
p-Terphenyl	5.00	86	34 - 134	8.29	8.3	-0.0100	+/-1.0	
Matrix Spike (7G09002-MS1)			Lab File ID: 5GE012.D		Analyzed: 07/10/07 18:10			
p-Terphenyl	5.00	82	34 - 134	8.29	8.3	-0.0100	+/-1.0	
Matrix Spike Dup (7G09002-MSD1)			Lab File ID: 5GE013.D		Analyzed: 07/10/07 18:27			
p-Terphenyl	5.00	90	34 - 134	8.29	8.3	-0.0100	+/-1.0	
JAX25-MW13-20070705 (B705885-01)			Lab File ID: 5GE014.D		Analyzed: 07/10/07 18:44			
p-Terphenyl	5.00	81	34 - 134	8.29	8.3	-0.0100	+/-1.0	
JAX25-MW04-20070705 (B705885-02)			Lab File ID: 5GE015.D		Analyzed: 07/10/07 19:02			
p-Terphenyl	5.00	50	34 - 134	8.29	8.3	-0.0100	+/-1.0	
JAX25-MW12-20070705 (B705885-03)			Lab File ID: 5GE016.D		Analyzed: 07/10/07 19:19			
p-Terphenyl	5.00	73	34 - 134	8.29	8.3	-0.0100	+/-1.0	
JAX25-MW03-20070705 (B705885-04)			Lab File ID: 5GE017.D		Analyzed: 07/10/07 19:37			
p-Terphenyl	5.00	69	34 - 134	8.29	8.3	-0.0100	+/-1.0	
JAX25-MW07-20070705 (B705885-05)			Lab File ID: 5GE018.D		Analyzed: 07/10/07 19:54			
p-Terphenyl	5.00	78	34 - 134	8.29	8.3	-0.0100	+/-1.0	
JAX25-MW01-20070705 (B705885-06)			Lab File ID: 5GE019.D		Analyzed: 07/10/07 20:12			
p-Terphenyl	5.00	71	34 - 134	8.29	8.3	-0.0100	+/-1.0	
JAX25-MW02-20070705 (B705885-07)			Lab File ID: 5GE020.D		Analyzed: 07/10/07 20:29			
p-Terphenyl	5.00	78	34 - 134	8.29	8.3	-0.0100	+/-1.0	
JAX25-MW11-20070705 (B705885-08)			Lab File ID: 5GE021.D		Analyzed: 07/10/07 20:46			
p-Terphenyl	5.00	76	34 - 134	8.29	8.3	-0.0100	+/-1.0	
JAX25-MW14-20070706 (B706062-01)			Lab File ID: 5GE022.D		Analyzed: 07/10/07 21:04			
p-Terphenyl	5.00	80	34 - 134	8.29	8.3	-0.0100	+/-1.0	
JAX25-MW15-20070706 (B706062-02)			Lab File ID: 5GE023.D		Analyzed: 07/10/07 21:21			
p-Terphenyl	5.00	80	34 - 134	8.29	8.3	-0.0100	+/-1.0	
JAX25-MW09-20070706 (B706062-03)			Lab File ID: 5GE024.D		Analyzed: 07/10/07 21:38			
p-Terphenyl	5.00	72	34 - 134	8.29	8.3	-0.0100	+/-1.0	

SURROGATE STANDARD RECOVERY AND RT SUMMARY

EPA 8270C

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Sequence:	BA00957	Instrument:	JSVGCMS1
Matrix:	Water	Calibration:	0707002

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
JAX25-DUP-20070706 (B706062-04)			Lab File ID: 5GE025.D		Analyzed: 07/10/07 21:56			
p-Terphenyl	5.00	73	34 - 134	8.29	8.3	-0.0100	+/-1.0	
JAX25-MW05-20070706 (B706062-05)			Lab File ID: 5GE026.D		Analyzed: 07/10/07 22:13			
p-Terphenyl	5.00	84	34 - 134	8.29	8.3	-0.0100	+/-1.0	

INTERNAL STANDARD AREA AND RT SUMMARY
EPA 8270C

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Sequence:	BA00957	Instrument:	JSVGCMS1
Matrix:	Water	Calibration:	0707002

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Blank (7G09002-BLK1)			Lab File ID: 5GE010.D			Analyzed: 07/10/07 17:35			
Naphthalene-d8	322688	3.55	275776	3.55	117	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	161468	5.28	144637	5.28	112	50 - 200	0.0000	+/-0.50	
Phenanthrene-d10	278900	6.78	257208	6.77	108	50 - 200	0.0100	+/-0.50	
Chrysene-d12	290505	9.3	294448	9.29	99	50 - 200	0.0100	+/-0.50	
Perylene-d12	169876	10.66	243565	10.66	70	50 - 200	0.0000	+/-0.50	
JAX25-MW13-20070705 (B705885-01)			Lab File ID: 5GE014.D			Analyzed: 07/10/07 18:44			
Naphthalene-d8	352623	3.55	275776	3.55	128	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	186231	5.27	144637	5.28	129	50 - 200	-0.0100	+/-0.50	
Phenanthrene-d10	340460	6.77	257208	6.77	132	50 - 200	0.0000	+/-0.50	
Chrysene-d12	354544	9.29	294448	9.29	120	50 - 200	0.0000	+/-0.50	
Perylene-d12	232532	10.65	243565	10.66	95	50 - 200	-0.0100	+/-0.50	
JAX25-MW04-20070705 (B705885-02)			Lab File ID: 5GE015.D			Analyzed: 07/10/07 19:02			
Naphthalene-d8	389020	3.55	275776	3.55	141	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	209196	5.27	144637	5.28	145	50 - 200	-0.0100	+/-0.50	
Phenanthrene-d10	333384	6.77	257208	6.77	130	50 - 200	0.0000	+/-0.50	
Chrysene-d12	378493	9.29	294448	9.29	129	50 - 200	0.0000	+/-0.50	
Perylene-d12	243493	10.65	243565	10.66	100	50 - 200	-0.0100	+/-0.50	
JAX25-MW12-20070705 (B705885-03)			Lab File ID: 5GE016.D			Analyzed: 07/10/07 19:19			
Naphthalene-d8	403067	3.55	275776	3.55	146	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	211835	5.27	144637	5.28	146	50 - 200	-0.0100	+/-0.50	
Phenanthrene-d10	375277	6.77	257208	6.77	146	50 - 200	0.0000	+/-0.50	
Chrysene-d12	373699	9.29	294448	9.29	127	50 - 200	0.0000	+/-0.50	
Perylene-d12	238468	10.65	243565	10.66	98	50 - 200	-0.0100	+/-0.50	
JAX25-MW03-20070705 (B705885-04)			Lab File ID: 5GE017.D			Analyzed: 07/10/07 19:37			
Naphthalene-d8	428076	3.55	275776	3.55	155	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	246463	5.27	144637	5.28	170	50 - 200	-0.0100	+/-0.50	
Phenanthrene-d10	404577	6.77	257208	6.77	157	50 - 200	0.0000	+/-0.50	
Chrysene-d12	415376	9.29	294448	9.29	141	50 - 200	0.0000	+/-0.50	
Perylene-d12	272426	10.65	243565	10.66	112	50 - 200	-0.0100	+/-0.50	
JAX25-MW07-20070705 (B705885-05)			Lab File ID: 5GE018.D			Analyzed: 07/10/07 19:54			
Naphthalene-d8	381425	3.55	275776	3.55	138	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	197646	5.27	144637	5.28	137	50 - 200	-0.0100	+/-0.50	
Phenanthrene-d10	355242	6.77	257208	6.77	138	50 - 200	0.0000	+/-0.50	
Chrysene-d12	381918	9.29	294448	9.29	130	50 - 200	0.0000	+/-0.50	
Perylene-d12	241496	10.65	243565	10.66	99	50 - 200	-0.0100	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY
EPA 8270C

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Sequence:	BA00957	Instrument:	JSVGCMS1
Matrix:	Water	Calibration:	0707002

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
JAX25-MW01-20070705 (B705885-06)			Lab File ID: 5GE019.D			Analyzed: 07/10/07 20:12			
Naphthalene-d8	448606	3.55	275776	3.55	163	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	231625	5.27	144637	5.28	160	50 - 200	-0.0100	+/-0.50	
Phenanthrene-d10	409856	6.77	257208	6.77	159	50 - 200	0.0000	+/-0.50	
Chrysene-d12	438354	9.29	294448	9.29	149	50 - 200	0.0000	+/-0.50	
Perylene-d12	274928	10.65	243565	10.66	113	50 - 200	-0.0100	+/-0.50	
JAX25-MW02-20070705 (B705885-07)			Lab File ID: 5GE020.D			Analyzed: 07/10/07 20:29			
Naphthalene-d8	397573	3.55	275776	3.55	144	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	212292	5.27	144637	5.28	147	50 - 200	-0.0100	+/-0.50	
Phenanthrene-d10	340046	6.77	257208	6.77	132	50 - 200	0.0000	+/-0.50	
Chrysene-d12	378868	9.29	294448	9.29	129	50 - 200	0.0000	+/-0.50	
Perylene-d12	239202	10.65	243565	10.66	98	50 - 200	-0.0100	+/-0.50	
JAX25-MW11-20070705 (B705885-08)			Lab File ID: 5GE021.D			Analyzed: 07/10/07 20:46			
Naphthalene-d8	437572	3.55	275776	3.55	159	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	233731	5.27	144637	5.28	162	50 - 200	-0.0100	+/-0.50	
Phenanthrene-d10	382399	6.77	257208	6.77	149	50 - 200	0.0000	+/-0.50	
Chrysene-d12	405572	9.29	294448	9.29	138	50 - 200	0.0000	+/-0.50	
Perylene-d12	260024	10.65	243565	10.66	107	50 - 200	-0.0100	+/-0.50	
JAX25-MW14-20070706 (B706062-01)			Lab File ID: 5GE022.D			Analyzed: 07/10/07 21:04			
Naphthalene-d8	389752	3.55	275776	3.55	141	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	217607	5.27	144637	5.28	150	50 - 200	-0.0100	+/-0.50	
Phenanthrene-d10	366363	6.77	257208	6.77	142	50 - 200	0.0000	+/-0.50	
Chrysene-d12	433565	9.29	294448	9.29	147	50 - 200	0.0000	+/-0.50	
Perylene-d12	306334	10.65	243565	10.66	126	50 - 200	-0.0100	+/-0.50	
JAX25-MW15-20070706 (B706062-02)			Lab File ID: 5GE023.D			Analyzed: 07/10/07 21:21			
Naphthalene-d8	381382	3.55	275776	3.55	138	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	220957	5.27	144637	5.28	153	50 - 200	-0.0100	+/-0.50	
Phenanthrene-d10	379071	6.77	257208	6.77	147	50 - 200	0.0000	+/-0.50	
Chrysene-d12	404671	9.29	294448	9.29	137	50 - 200	0.0000	+/-0.50	
Perylene-d12	262550	10.65	243565	10.66	108	50 - 200	-0.0100	+/-0.50	
JAX25-MW09-20070706 (B706062-03)			Lab File ID: 5GE024.D			Analyzed: 07/10/07 21:38			
Naphthalene-d8	433280	3.54	275776	3.55	157	50 - 200	-0.0100	+/-0.50	
Acenaphthene-d10	242632	5.27	144637	5.28	168	50 - 200	-0.0100	+/-0.50	
Phenanthrene-d10	404131	6.77	257208	6.77	157	50 - 200	0.0000	+/-0.50	
Chrysene-d12	421176	9.29	294448	9.29	143	50 - 200	0.0000	+/-0.50	
Perylene-d12	273417	10.65	243565	10.66	112	50 - 200	-0.0100	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY
EPA 8270C

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Sequence:	BA00957	Instrument:	JSVGCMS1
Matrix:	Water	Calibration:	0707002

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
JAX25-DUP-20070706 (B706062-04)			Lab File ID: 5GE025.D			Analyzed: 07/10/07 21:56			
Naphthalene-d8	416570	3.55	275776	3.55	151	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	232183	5.27	144637	5.28	161	50 - 200	-0.0100	+/-0.50	
Phenanthrene-d10	382985	6.77	257208	6.77	149	50 - 200	0.0000	+/-0.50	
Chrysene-d12	399398	9.29	294448	9.29	136	50 - 200	0.0000	+/-0.50	
Perylene-d12	250072	10.65	243565	10.66	103	50 - 200	-0.0100	+/-0.50	
JAX25-MW05-20070706 (B706062-05)			Lab File ID: 5GE026.D			Analyzed: 07/10/07 22:13			
Naphthalene-d8	395872	3.55	275776	3.55	144	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	200441	5.27	144637	5.28	139	50 - 200	-0.0100	+/-0.50	
Phenanthrene-d10	355044	6.77	257208	6.77	138	50 - 200	0.0000	+/-0.50	
Chrysene-d12	375610	9.29	294448	9.29	128	50 - 200	0.0000	+/-0.50	
Perylene-d12	226641	10.66	243565	10.66	93	50 - 200	0.0000	+/-0.50	

INITIAL CALIBRATION STANDARDS

EPA 8270C

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Sequence:	BA00950	Instrument:	JSVGCMS1
Calibration:	0707002		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
B7G0020	Tune - 8270 Tune Working Std	BA00950-TUN1	5GD001.D	07/09/07 15:26
B7E0082	8270/sim Curve - 0.1ppm curve std	BA00950-CAL1	5GD004.D	07/09/07 17:06
B7E0081	8270/sim Curve - 0.5ppm curve std	BA00950-CAL2	5GD005.D	07/09/07 17:23
B7E0080	8270/sim Curve - 2.0ppm curve std	BA00950-CAL3	5GD006.D	07/09/07 17:40
B7E0079	8270/sim Curve - 5.0ppm curve std	BA00950-CAL4	5GD007.D	07/09/07 17:58
B7E0078	8270/sim Curve - 10.0ppm curve std	BA00950-CAL5	5GD008.D	07/09/07 18:15
B7E0077	8270/sim Curve - 25.0ppm curve std	BA00950-CAL6	5GD009.D	07/09/07 18:33

INITIAL CALIBRATION DATA
EPA 8270C

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Calibration:	0707002	Instrument:	JSVGCMS1
Matrix:	Water	Calibration Date:	07/09/07 11:26

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/mL	RF	ug/mL	RF	ug/mL	RF	ug/mL	RF	ug/mL	RF	ug/mL	RF
Benzo(a)anthracene	0.1	1.444677	0.5	1.282644	2	1.312128	5	1.328173	10	1.265668	25	1.360553
Benzo(b)fluoranthene	0.1	1.225917	0.5	1.131306	2	1.160479	5	1.38244	10	1.374454	25	1.492384
Benzo(k)fluoranthene	0.1	1.623866	0.5	1.637395	2	1.610537	5	1.514988	10	1.381386	25	1.523574
Benzo(g,h,i)perylene	0.1	0.6208437	0.5	0.6166633	2	0.6010484	5	0.6112865	10	0.5676899	25	0.6283811
Benzo(a)pyrene	0.1	1.066106	0.5	1.318238	2	1.223005	5	1.224864	10	1.154665	25	1.265365
Dibenzo(a,h)anthracene	0.1	0.5482981	0.5	0.6266964	2	0.633407	5	0.66255	10	0.629794	25	0.7169279
Indeno(1,2,3-cd)pyrene	0.1	0.7480615	0.5	0.7430798	2	0.7653056	5	0.7969207	10	0.7526268	25	0.8516542
Naphthalene	0.1	1.155879	0.5	1.207527	2	1.169374	5	1.146982	10	1.09153	25	1.098351
2-Methylnaphthalene	0.1	0.6071889	0.5	0.6634248	2	0.650814	5	0.6526094	10	0.6335557	25	0.6544204
1-Methylnaphthalene	0.1	0.6400676	0.5	0.6987505	2	0.6835763	5	0.6941576	10	0.668239	25	0.6925584
Acenaphthylene	0.1	1.925249	0.5	2.202557	2	2.176463	5	2.176165	10	2.092452	25	2.202401
Acenaphthene	0.1	1.113509	0.5	1.273692	2	1.210453	5	1.227072	10	1.177469	25	1.271063
Fluorene	0.1	1.400947	0.5	1.546469	2	1.531081	5	1.516915	10	1.453631	25	1.540785
Phenanthrene	0.1	1.306436	0.5	1.098432	2	1.085273	5	1.138837	10	1.10999	25	1.29884
Anthracene	0.1	1.240209	0.5	1.420004	2	1.384426	5	1.332719	10	1.270838	25	1.418165
Fluoranthene	0.1	1.590879	0.5	1.674141	2	1.644363	5	1.598014	10	1.524002	25	1.687979
Pyrene	0.1	1.756208	0.5	1.775198	2	1.758355	5	1.715856	10	1.643282	25	1.824145
Chrysene	0.1	1.545829	0.5	1.563542	2	1.449871	5	1.384672	10	1.268629	25	1.317958
p-Terphenyl	0.1	1.29786	0.5	1.349775	2	1.333411	5	1.315488	10	1.253925	25	1.391957

INITIAL CALIBRATION DATA (Continued)

EPA 8270C

Laboratory:	ENCO Jacksonville	SDG:	BR006-024
Client:	Tetra Tech NUS (BR006)	Project:	Naval Air Station CTO 252
Calibration:	0707002	Instrument:	JSVGCMS1
Matrix:	Water	Calibration Date:	07/09/07 11:26

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Benzo(a)anthracene	1.332307	4.835996	9.283333	5.416755E-02			15.4	
Benzo(b)fluoranthene	1.294497	11.06494	10.27333	0.0505845			15.4	
Benzo(k)fluoranthene	1.548624	6.267437	10.30167	4.047688E-02			15.4	
Benzo(g,h,i)perylene	0.6076521	3.559167	12.28	0.1048466			15.4	
Benzo(a)pyrene	1.208707	7.300057	10.60333	4.786506E-02			CCC (30)	
Dibenzo(a,h)anthracene	0.6362789	8.630331	11.91333	0.1636201			15.4	
Indeno(1,2,3-cd)pyrene	0.7762748	5.369132	11.91	0.1488177			15.4	
Naphthalene	1.14494	3.839273	3.571667	0.1151576			15.4	
2-Methylnaphthalene	0.6436689	3.161032	4.241666	9.662751E-02			15.4	
1-Methylnaphthalene	0.6795582	3.260241	4.34	1.752687E-02			15.4	
Acenaphthylene	2.129215	5.063833	5.141667	8.153481E-02			15.4	
Acenaphthene	1.21221	5.006553	5.311667	7.908034E-02			CCC (30)	
Fluorene	1.498305	3.893922	5.833333	8.900626E-02			15.4	
Phenanthrene	1.172968	8.697116	6.81	0.3593552			15.4	
Anthracene	1.344393	5.680733	6.851667	5.570865E-02			15.4	
Fluoranthene	1.619896	3.774566	7.956667	0.1015042			CCC (30)	
Pyrene	1.745507	3.501197	8.166667	9.880059E-02			15.4	
Chrysene	1.42175	8.433548	9.32	1.632331E-02			15.4	
p-Terphenyl	1.323736	3.54927	8.3	0.106315			15.4	

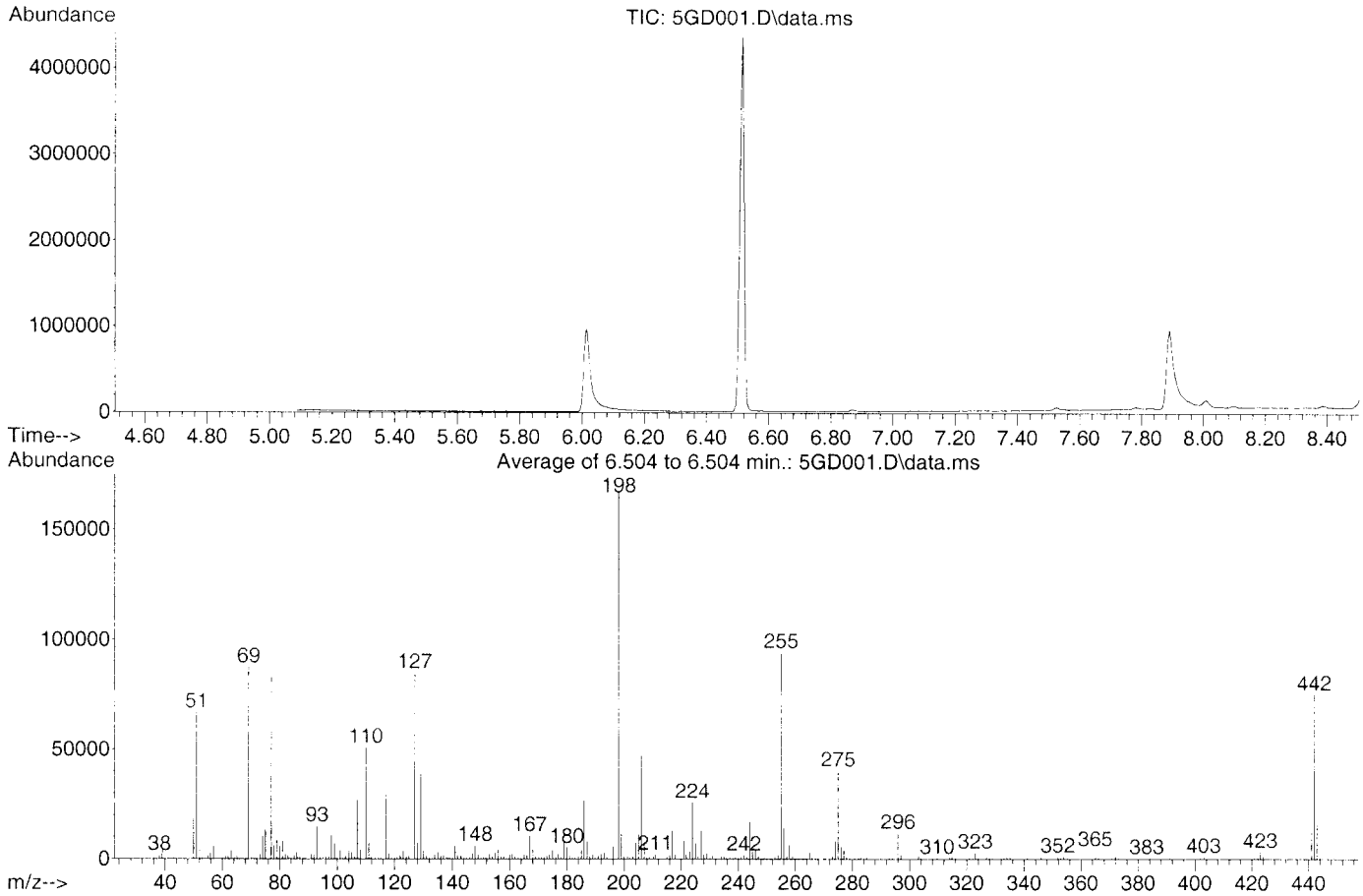
PAH Calibration Data

DFTPP

Data Path : C:\msdchem\1\DATA\5GD\
Data File : 5GD001.D
Acq On : 9 Jul 2007 15:26
Operator : JWJ
Sample : BA00950-TUN1
Misc : B7G0020
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : C:\msdchem\1\METHODS\DFTPP.M
Title : 625/8270 Tune Method
Last Update : Fri Jun 01 10:34:54 2007



Spectrum Information: Average of 6.504 to 6.504 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	40.0	66840	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	52.2	87312	PASS
70	69	0.00	2	0.6	554	PASS
127	198	40	60	50.6	84680	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	167296	PASS
199	198	5	9	6.7	11213	PASS
275	198	10	30	24.1	40256	PASS
365	198	1	100	2.3	3793	PASS
441	443	0.01	100	71.7	12106	PASS
442	198	40	100	45.0	75320	PASS
443	442	17	23	22.4	16888	PASS

Response Factor Report JSVGCMS1

Method : C:\msdchem\1\METHODS\SIM-5GD.M (RTE Integrator)
Title : 8270/PAH/SIM curve SIM-5GD (25ug/mL)
Last Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration

Calibration Files
0.1 =5GD004.D 0.5 =5GD005.D 2 =5GD006.D
5 =5GD007.D 10 =5GD008.D 25 =5GD009.D

		Compound	0.1	0.5	2	5	10	25	Avg	%RSD
1)	I	NAPHTHALENE-d8	----------ISTD----------							
2)		Naphthalene	1.156	1.208	1.169	1.147	1.092	1.098	1.145	3.84
3)		2-Methylnaphthalene	0.607	0.663	0.651	0.653	0.634	0.654	0.644	3.16
4)		1-Methylnaphthalene	0.640	0.699	0.684	0.694	0.668	0.693	0.680	3.26
5)	I	ACENAPHTHENE-d10	----------ISTD----------							
6)		Acenaphthylene	1.925	2.203	2.176	2.176	2.092	2.202	2.129	5.06
7)	c	Acenaphthene	1.114	1.274	1.210	1.227	1.177	1.271	1.212	5.01
8)		Fluorene	1.401	1.546	1.531	1.517	1.454	1.541	1.498	3.89
9)	I	PHENANTHRENE-d10	----------ISTD----------							
10)		Phenanthrene	1.306	1.098	1.085	1.139	1.110	1.299	1.173	8.70
11)		Anthracene	1.240	1.420	1.384	1.333	1.271	1.418	1.344	5.68
12)		Fluoranthene	1.591	1.674	1.644	1.598	1.524	1.688	1.620	3.77
13)		Pyrene	1.756	1.775	1.758	1.716	1.643	1.824	1.746	3.50
14)	s	p-Terphenyl (b/n su	1.298	1.350	1.333	1.315	1.254	1.392	1.324	3.55
15)		p-Terphenyl	1.298	1.350	1.333	1.315	1.254	1.392	1.324	3.55
16)	I	CHRYSENE-d12	----------ISTD----------							
17)		Benzo(a)anthracene	1.445	1.283	1.312	1.328	1.266	1.361	1.332	4.84
18)		Chrysene	1.546	1.564	1.450	1.385	1.269	1.318	1.422	8.43
19)	I	PERYLENE-d12	----------ISTD----------							
20)		Benzo(b)fluoranthen	1.226	1.131	1.160	1.382	1.374	1.492	1.294	11.06
21)		Benzo(k)fluoranthen	1.624	1.637	1.611	1.515	1.381	1.524	1.549	6.27
22)	c	Benzo(a)pyrene	1.066	1.318	1.223	1.225	1.155	1.265	1.209	7.30
23)		Indeno(1,2,3-cd)pyr	0.748	0.743	0.765	0.797	0.753	0.852	0.776	5.37
24)		Dibenzo(a,h)anthrac	0.548	0.627	0.633	0.663	0.630	0.717	0.636	8.63
25)		Benzo(g,h,i)perylen	0.621	0.617	0.601	0.611	0.568	0.628	0.608	3.56

(#) = Out of Range (R) = Linear/Quadratic Coef.

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GD\
InstName : JSVGCMS1
Data File : 5GD004.D
Acq On : 9 Jul 2007 17:06
Operator : JWJ
Sample : BA00950-CAL1
Misc : B7E0082
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 10 10:59:00 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5G2.M
Quant Title : 8270/PAH/SIM curve SIM-5G2 (25ug/mL)
QLast Update : Tue Jul 03 10:15:41 2007
Response via : Initial Calibration

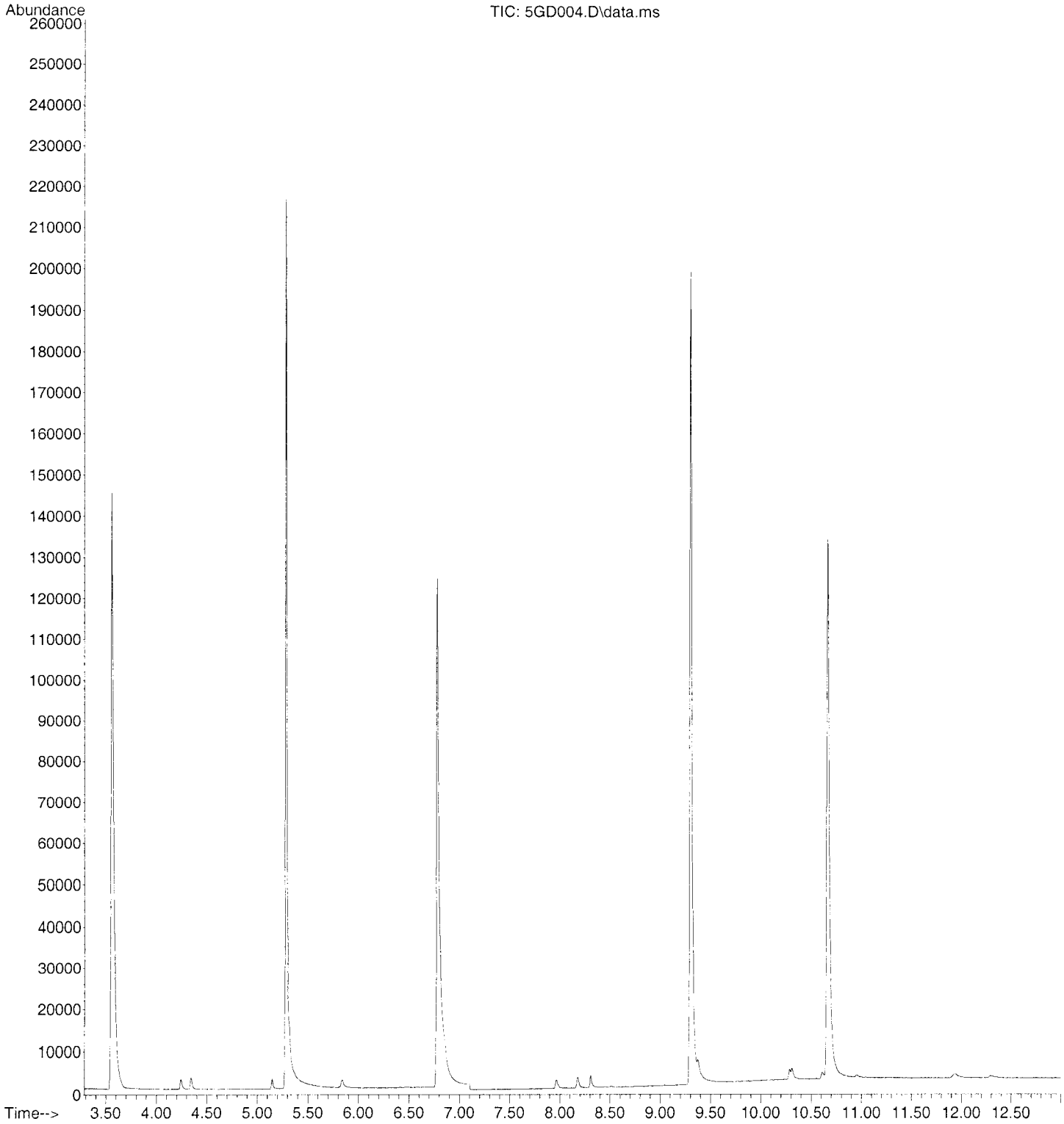
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) NAPHTHALENE-d8	3.56	136	234194	10.00	ug/mL	-0.02
5) ACENAPHTHENE-d10	5.28	164	118634	10.00	ug/mL	-0.02
9) PHENANTHRENE-d10	6.78	188	209884	10.00	ug/mL	0.00
16) CHRYSENE-d12	9.30	240	238254	10.00	ug/mL	0.00
19) PERYLENE-d12	10.66	264	190225	10.00	ug/mL	0.00
System Monitoring Compounds						
14) p-Terphenyl (b/n surr)	8.31	230	2724	0.07	ug/mL	0.00
Spiked Amount 5.000			Recovery =	1.40%		
Target Compounds						Qvalue
2) Naphthalene	3.58	128	2707	0.12	ug/mL	98
3) 2-Methylnaphthalene	4.25	142	1422	0.10	ug/mL	92
4) 1-Methylnaphthalene	4.34	142	1499	0.11	ug/mL	96
6) Acenaphthylene	5.15	152	2284	0.11	ug/mL	99
7) Acenaphthene	5.32	154	1321	0.10	ug/mL	97
8) Fluorene	5.84	166	1662	0.10	ug/mL	99
10) Phenanthrene	6.86	178	2742	0.11	ug/mL	99
11) Anthracene	6.86	178	2603	0.11	ug/mL	97
12) Fluoranthene	7.97	202	3339	0.08	ug/mL	92
13) Pyrene	8.18	202	3686	0.08	ug/mL	85
15) p-Terphenyl	8.31	230	2724	0.07	ug/mL	97
17) Benzo(a)anthracene	9.29	228	3442	0.11	ug/mL	96
18) Chrysene	9.32	228	3683	0.13	ug/mL	94
20) Benzo(b)fluoranthene	10.28	252	2332	0.09	ug/mL#	61
21) Benzo(k)fluoranthene	10.31	252	3089	0.13	ug/mL	96
22) Benzo(a)pyrene	10.61	252	2028	0.10	ug/mL	92
23) Indeno(1,2,3-cd)pyrene	11.94	276	1423m	0.09	ug/mL	
24) Dibenzo(a,h)anthracene	11.94	278	1043	0.09	ug/mL	98
25) Benzo(g,h,i)perylene	12.30	276	1181	0.08	ug/mL	71

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GD\
InstName : JSVGCMS1
Data File : 5GD004.D
Acq On : 9 Jul 2007 17:06
Operator : JWJ
Sample : BA00950-CAL1
Misc : B7E0082
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 10 10:59:00 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5G2.M
Quant Title : 8270/PAH/SIM curve SIM-5G2 (25ug/mL)
QLast Update : Tue Jul 03 10:15:41 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GD\
InstName : JSVGCMS1
Data File : 5GD005.D
Acq On : 9 Jul 2007 17:23
Operator : JWJ
Sample : BA00950-CAL2
Misc : B7E0081
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 09 17:36:30 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5G2.M
Quant Title : 8270/PAH/SIM curve SIM-5G2 (25ug/mL)
QLast Update : Tue Jul 03 10:15:41 2007
Response via : Initial Calibration

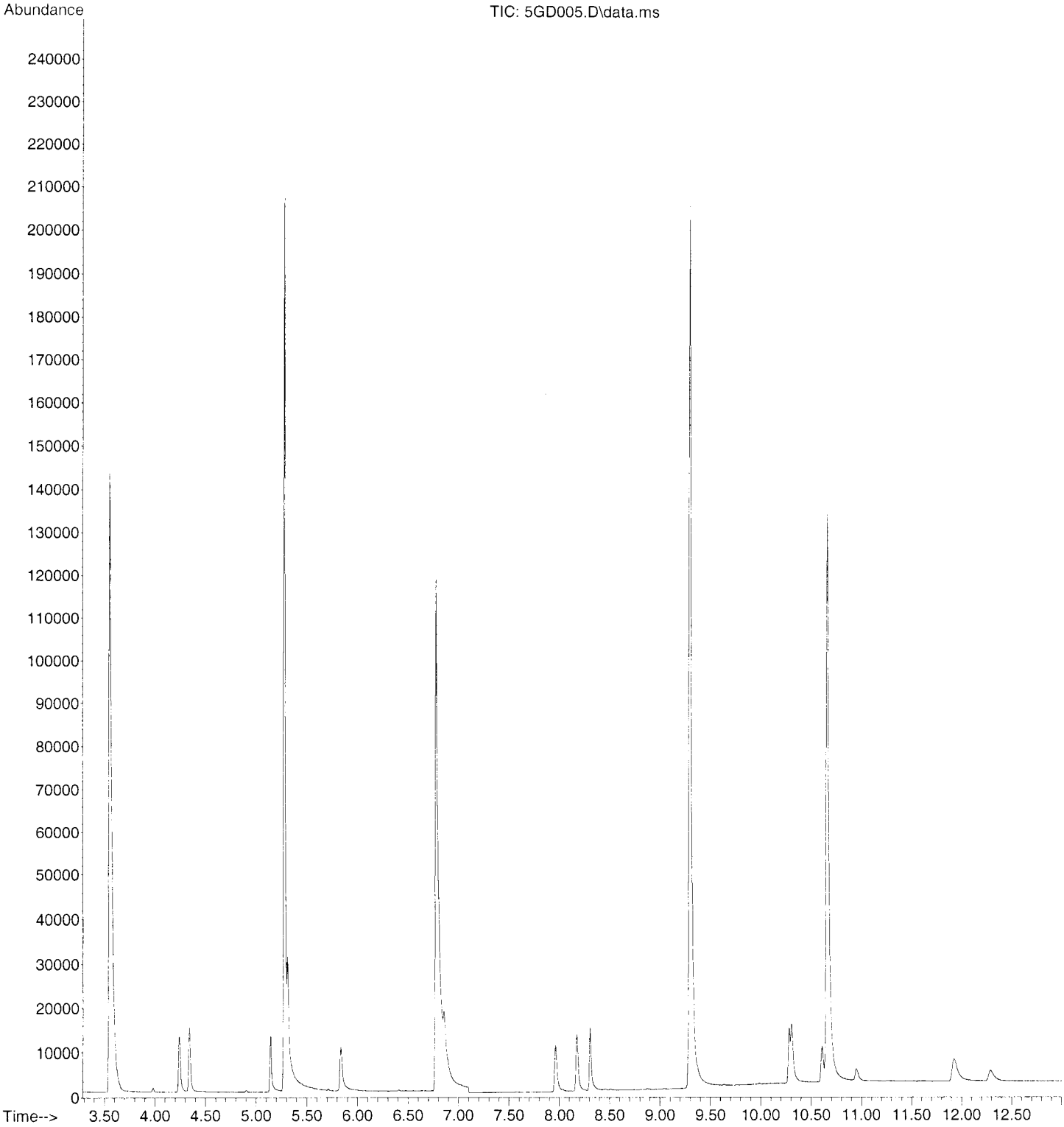
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) NAPHTHALENE-d8	3.55	136	229295	10.00	ug/mL	-0.02
5) ACENAPHTHENE-d10	5.28	164	117972	10.00	ug/mL	-0.02
9) PHENANTHRENE-d10	6.78	188	207605	10.00	ug/mL	-0.01
16) CHRYSENE-d12	9.30	240	236527	10.00	ug/mL	0.00
19) PERYLENE-d12	10.66	264	189374	10.00	ug/mL	0.00
System Monitoring Compounds						
14) p-Terphenyl (b/n surr)	8.31	230	14011	0.35	ug/mL	0.00
Spiked Amount 5.000			Recovery	=	7.00%	
Target Compounds						Qvalue
2) Naphthalene	3.57	128	13844	0.60	ug/mL	98
3) 2-Methylnaphthalene	4.24	142	7606	0.57	ug/mL	92
4) 1-Methylnaphthalene	4.34	142	8011	0.58	ug/mL	93
6) Acenaphthylene	5.14	152	12992	0.61	ug/mL	99
7) Acenaphthene	5.31	154	7513	0.59	ug/mL	96
8) Fluorene	5.84	166	9122	0.56	ug/mL	96
10) Phenanthrene	6.80	178	11402	0.46	ug/mL	98
11) Anthracene	6.85	178	14740	0.60	ug/mL	98
12) Fluoranthene	7.96	202	17378	0.40	ug/mL	92
13) Pyrene	8.17	202	18427	0.38	ug/mL	89
15) p-Terphenyl	8.31	230	14011	0.35	ug/mL	99
17) Benzo(a)anthracene	9.29	228	15169	0.48	ug/mL	99
18) Chrysene	9.32	228	18491	0.66	ug/mL	96
20) Benzo(b)fluoranthene	10.28	252	10712	0.43	ug/mL	95
21) Benzo(k)fluoranthene	10.30	252	15504	0.65	ug/mL	94
22) Benzo(a)pyrene	10.61	252	12482	0.61	ug/mL	95
23) Indeno(1,2,3-cd)pyrene	11.92	276	7036	0.47	ug/mL	86
24) Dibenzo(a,h)anthracene	11.93	278	5934	0.50	ug/mL	91
25) Benzo(g,h,i)perylene	12.29	276	5839	0.41	ug/mL	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GD\
InstName : JSVGCMS1
Data File : 5GD005.D
Acq On : 9 Jul 2007 17:23
Operator : JWJ
Sample : BA00950-CAL2
Misc : B7E0081
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 09 17:36:30 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5G2.M
Quant Title : 8270/PAH/SIM curve SIM-5G2 (25ug/mL)
QLast Update : Tue Jul 03 10:15:41 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GD\
InstName : JSVGCMS1
Data File : 5GD006.D
Acq On : 9 Jul 2007 17:40
Operator : JWJ
Sample : BA00950-CAL3
Misc : B7E0080
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 09 17:54:00 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5G2.M
Quant Title : 8270/PAH/SIM curve SIM-5G2 (25ug/mL)
QLast Update : Tue Jul 03 10:15:41 2007
Response via : Initial Calibration

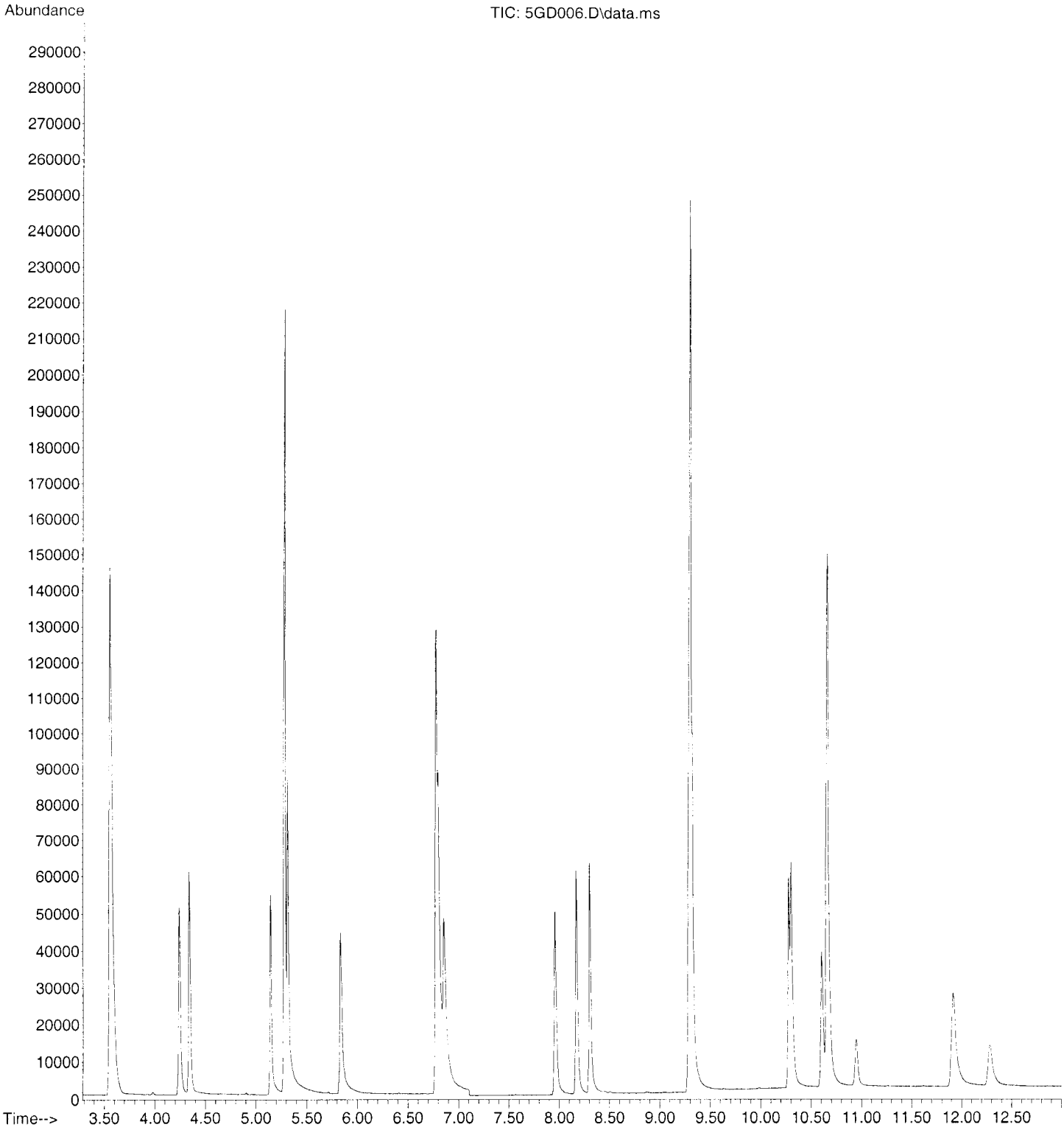
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) NAPHTHALENE-d8	3.55	136	232432	10.00	ug/mL	-0.02
5) ACENAPHTHENE-d10	5.28	164	121153	10.00	ug/mL	-0.02
9) PHENANTHRENE-d10	6.78	188	214840	10.00	ug/mL	-0.01
16) CHRYSENE-d12	9.29	240	245239	10.00	ug/mL	-0.01
19) PERYLENE-d12	10.66	264	200874	10.00	ug/mL	-0.01
System Monitoring Compounds						
14) p-Terphenyl (b/n surr)	8.30	230	57294	1.40	ug/mL	0.00
Spiked Amount 5.000			Recovery	=	28.00%	
Target Compounds						Qvalue
2) Naphthalene	3.57	128	54360	2.34	ug/mL	98
3) 2-Methylnaphthalene	4.24	142	30254	2.23	ug/mL	92
4) 1-Methylnaphthalene	4.34	142	31777	2.28	ug/mL	90
6) Acenaphthylene	5.14	152	52737	2.42	ug/mL	100
7) Acenaphthene	5.31	154	29330	2.23	ug/mL	92
8) Fluorene	5.83	166	37099	2.22	ug/mL	97
10) Phenanthrene	6.80	178	46632	1.80	ug/mL	99
11) Anthracene	6.85	178	59486	2.35	ug/mL	99
12) Fluoranthene	7.96	202	70655	1.58	ug/mL	92
13) Pyrene	8.17	202	75553	1.52	ug/mL	90
15) p-Terphenyl	8.30	230	57294	1.40	ug/mL	99
17) Benzo(a)anthracene	9.28	228	64357	1.97	ug/mL	96
18) Chrysene	9.32	228	71113	2.46	ug/mL	100
20) Benzo(b)fluoranthene	10.27	252	46622	1.78	ug/mL	94
21) Benzo(k)fluoranthene	10.30	252	64703	2.54	ug/mL	94
22) Benzo(a)pyrene	10.60	252	49134	2.25	ug/mL	95
23) Indeno(1,2,3-cd)pyrene	11.91	276	30746	1.92	ug/mL	86
24) Dibenzo(a,h)anthracene	11.92	278	25447	2.01	ug/mL	93
25) Benzo(g,h,i)perylene	12.28	276	24147	1.61	ug/mL	88

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GD\
InstName : JSVGCMS1
Data File : 5GD006.D
Acq On : 9 Jul 2007 17:40
Operator : JWJ
Sample : BA00950-CAL3
Misc : B7E0080
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 09 17:54:00 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5G2.M
Quant Title : 8270/PAH/SIM curve SIM-5G2 (25ug/mL)
QLast Update : Tue Jul 03 10:15:41 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GD\
InstName : JSVGCMS1
Data File : 5GD007.D
Acq On : 9 Jul 2007 17:58
Operator : JWJ
Sample : BA00950-CAL4
Misc : B7E0079
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 09 18:11:26 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5G2.M
Quant Title : 8270/PAH/SIM curve SIM-5G2 (25ug/mL)
QLast Update : Tue Jul 03 10:15:41 2007
Response via : Initial Calibration

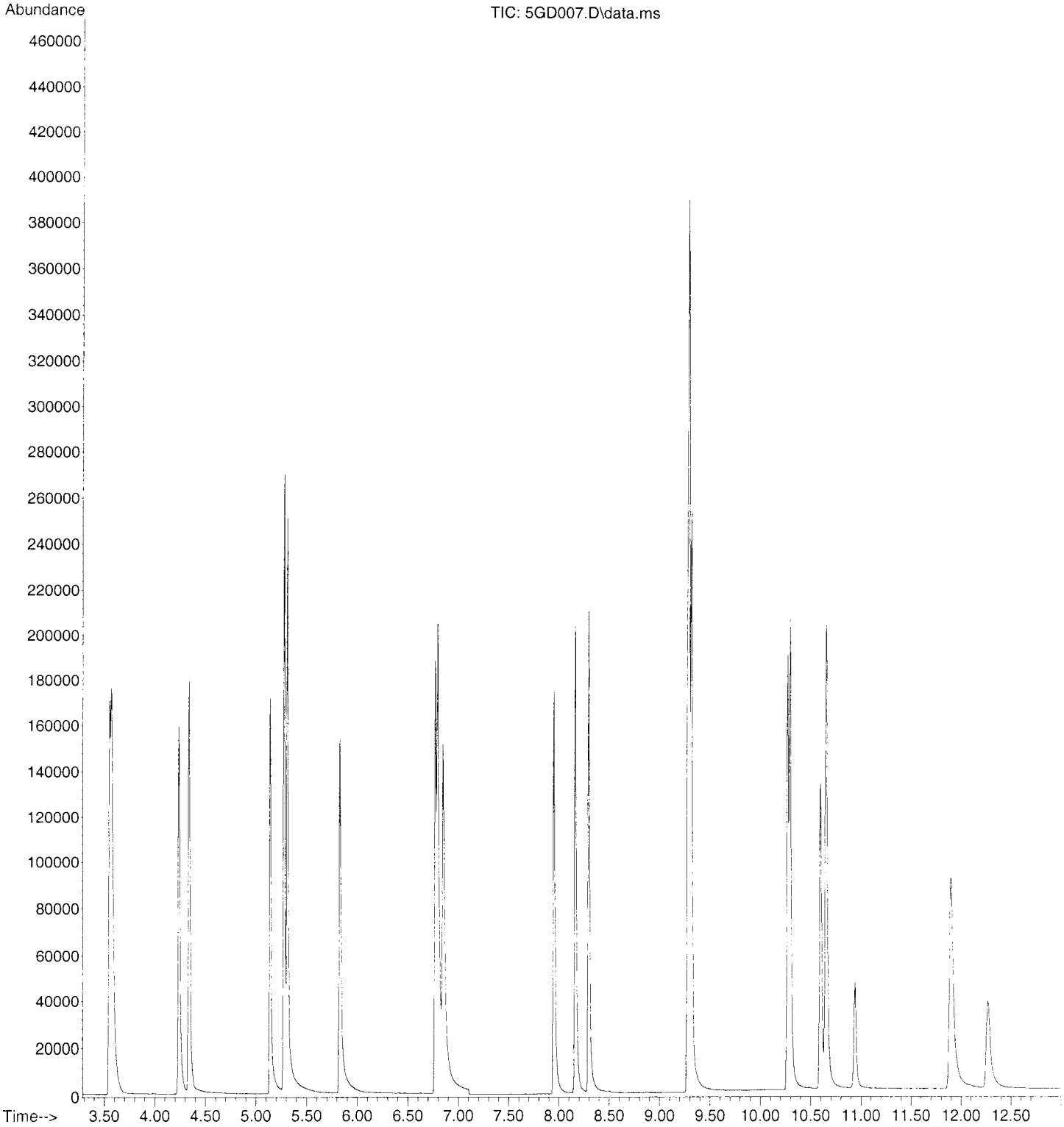
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) NAPHTHALENE-d8	3.55	136	275776	10.00	ug/mL	-0.02
5) ACENAPHTHENE-d10	5.28	164	144637	10.00	ug/mL	-0.02
9) PHENANTHRENE-d10	6.77	188	257208	10.00	ug/mL	-0.02
16) CHRYSENE-d12	9.29	240	294448	10.00	ug/mL	-0.01
19) PERYLENE-d12	10.66	264	243565	10.00	ug/mL	-0.01
System Monitoring Compounds						
14) p-Terphenyl (b/n surr)	8.30	230	169177	3.46	ug/mL	-0.01
Spiked Amount 5.000			Recovery	=	69.20%	
Target Compounds						Qvalue
2) Naphthalene	3.57	128	158155	5.73	ug/mL	99
3) 2-Methylnaphthalene	4.24	142	89987	5.58	ug/mL	92
4) 1-Methylnaphthalene	4.34	142	95716	5.79	ug/mL	91
6) Acenaphthylene	5.14	152	157377	6.04	ug/mL	99
7) Acenaphthene	5.31	154	88740	5.65	ug/mL	94
8) Fluorene	5.83	166	109701	5.49	ug/mL	97
10) Phenanthrene	6.80	178	146459	4.73	ug/mL	99
11) Anthracene	6.85	178	171393	5.66	ug/mL	100
12) Fluoranthene	7.95	202	205511	3.84	ug/mL	92
13) Pyrene	8.16	202	220666	3.70	ug/mL	90
15) p-Terphenyl	8.30	230	169177	3.46	ug/mL	100
17) Benzo(a)anthracene	9.28	228	195539	4.98	ug/mL	99
18) Chrysene	9.32	228	203857	5.86	ug/mL	98
20) Benzo(b)fluoranthene	10.27	252	168357	5.29	ug/mL	96
21) Benzo(k)fluoranthene	10.30	252	184499	5.97	ug/mL	94
22) Benzo(a)pyrene	10.60	252	149167	5.63	ug/mL	95
23) Indeno(1,2,3-cd)pyrene	11.90	276	97051	5.00	ug/mL	86
24) Dibenzo(a,h)anthracene	11.90	278	80687	5.26	ug/mL	93
25) Benzo(g,h,i)perylene	12.27	276	74444	4.09	ug/mL	88

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GD\
InstName : JSVGCMS1
Data File : 5GD007.D
Acq On : 9 Jul 2007 17:58
Operator : JWJ
Sample : BA00950-CAL4
Misc : B7E0079
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 09 18:11:26 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5G2.M
Quant Title : 8270/PAH/SIM curve SIM-5G2 (25ug/mL)
QLast Update : Tue Jul 03 10:15:41 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GD\
InstName : JSVGCMS1
Data File : 5GD008.D
Acq On : 9 Jul 2007 18:15
Operator : JWJ
Sample : BA00950-CAL5
Misc : B7E0078
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 09 18:28:55 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5G2.M
Quant Title : 8270/PAH/SIM curve SIM-5G2 (25ug/mL)
QLast Update : Tue Jul 03 10:15:41 2007
Response via : Initial Calibration

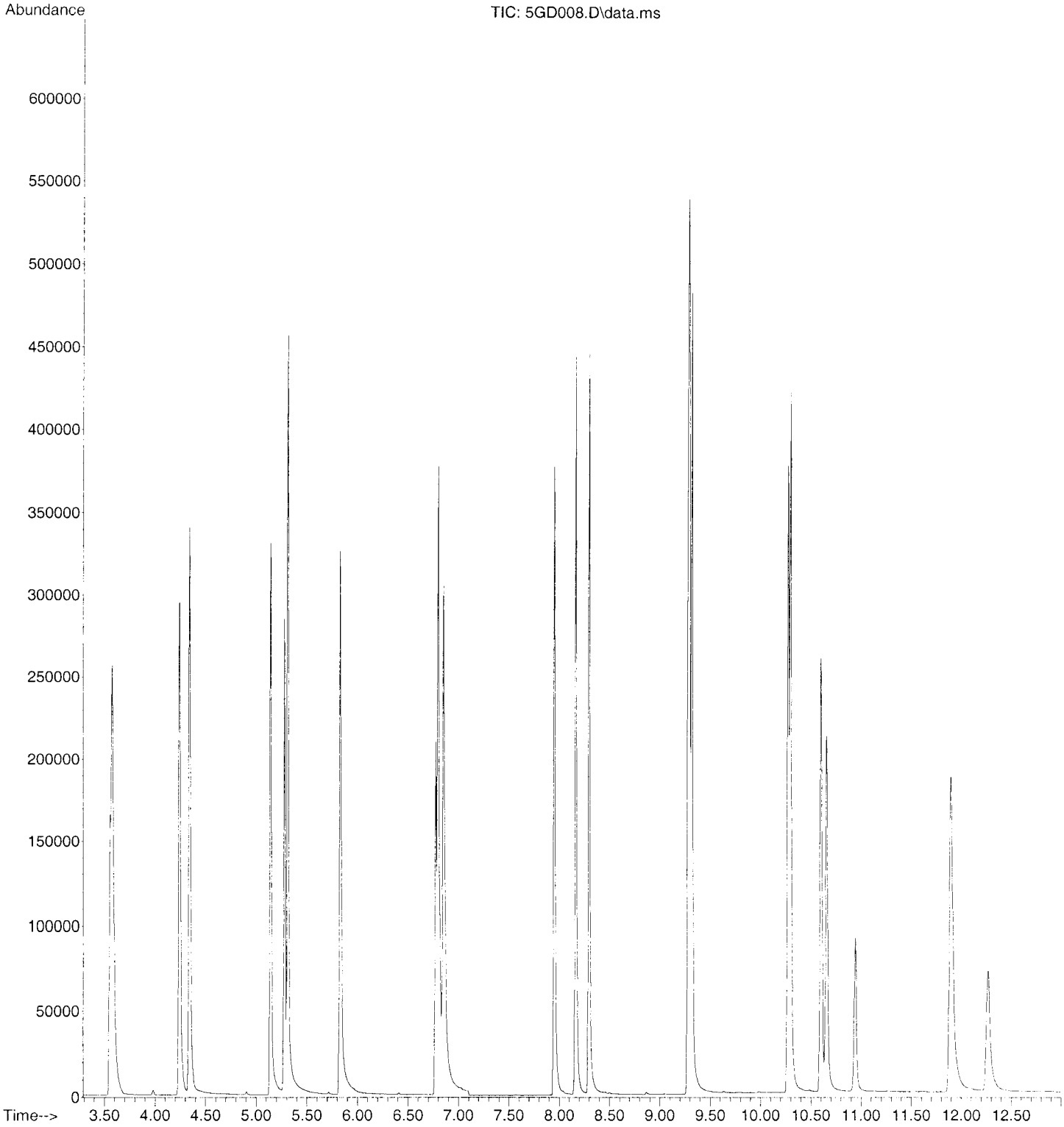
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) NAPHTHALENE-d8	3.55	136	261827	10.00	ug/mL	-0.02
5) ACENAPHTHENE-d10	5.28	164	139867	10.00	ug/mL	-0.02
9) PHENANTHRENE-d10	6.77	188	248558	10.00	ug/mL	-0.02
16) CHRYSENE-d12	9.29	240	290844	10.00	ug/mL	-0.01
19) PERYLENE-d12	10.66	264	237746	10.00	ug/mL	-0.01
System Monitoring Compounds						
14) p-Terphenyl (b/n surr)	8.29	230	311673	6.59	ug/mL	-0.02
Spiked Amount 5.000			Recovery	=	131.80%	
Target Compounds						Qvalue
2) Naphthalene	3.57	128	285792	10.90	ug/mL	99
3) 2-Methylnaphthalene	4.24	142	165882	10.84	ug/mL	91
4) 1-Methylnaphthalene	4.34	142	174963	11.15	ug/mL	91
6) Acenaphthylene	5.14	152	292665	11.61	ug/mL	99
7) Acenaphthene	5.31	154	164689	10.85	ug/mL	95
8) Fluorene	5.83	166	203315	10.52	ug/mL	97
10) Phenanthrene	6.80	178	275897	9.22	ug/mL	99
11) Anthracene	6.85	178	315877	10.80	ug/mL	100
12) Fluoranthene	7.95	202	378803	7.32	ug/mL	92
13) Pyrene	8.16	202	408451	7.09	ug/mL	90
15) p-Terphenyl	8.29	230	311673	6.59	ug/mL	100
17) Benzo(a)anthracene	9.28	228	368112	9.48	ug/mL	99
18) Chrysene	9.32	228	368973	10.74	ug/mL	98
20) Benzo(b)fluoranthene	10.27	252	326771	10.52	ug/mL	95
21) Benzo(k)fluoranthene	10.30	252	328419	10.89	ug/mL	94
22) Benzo(a)pyrene	10.60	252	274517	10.62	ug/mL	95
23) Indeno(1,2,3-cd)pyrene	11.90	276	178934	9.44	ug/mL	86
24) Dibenzo(a,h)anthracene	11.90	278	149731	10.00	ug/mL	93
25) Benzo(g,h,i)perylene	12.27	276	134966	7.60	ug/mL	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GD\
InstName : JSVGCMS1
Data File : 5GD008.D
Acq On : 9 Jul 2007 18:15
Operator : JWJ
Sample : BA00950-CAL5
Misc : B7E0078
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 09 18:28:55 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5G2.M
Quant Title : 8270/PAH/SIM curve SIM-5G2 (25ug/mL)
QLast Update : Tue Jul 03 10:15:41 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GD\
InstName : JSVGCMS1
Data File : 5GD009.D
Acq On : 9 Jul 2007 18:33
Operator : JWJ
Sample : BA00950-CAL6
Misc : B7E0077
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 09 18:46:27 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5G2.M
Quant Title : 8270/PAH/SIM curve SIM-5G2 (25ug/mL)
QLast Update : Tue Jul 03 10:15:41 2007
Response via : Initial Calibration

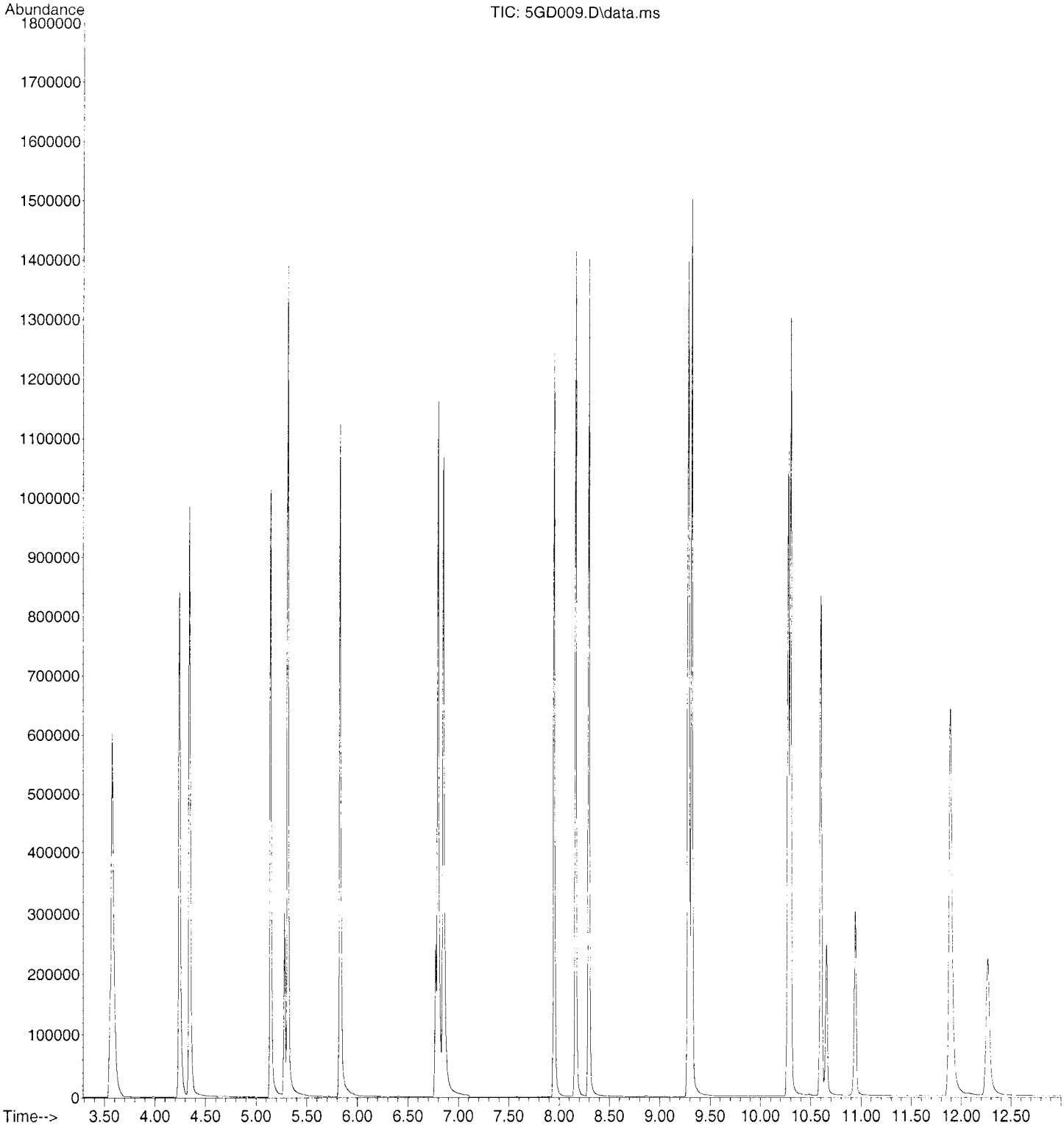
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) NAPHTHALENE-d8	3.55	136	275305	10.00	ug/mL	-0.02
5) ACENAPHTHENE-d10	5.28	164	146523	10.00	ug/mL	-0.02
9) PHENANTHRENE-d10	6.77	188	245480	10.00	ug/mL	-0.02
16) CHRYSENE-d12	9.29	240	304021	10.00	ug/mL	-0.01
19) PERYLENE-d12	10.65	264	243225	10.00	ug/mL	-0.01
System Monitoring Compounds						
14) p-Terphenyl (b/n surr)	8.29	230	854244	18.29	ug/mL	-0.01
Spiked Amount 5.000			Recovery	=	365.80%	
Target Compounds						Qvalue
2) Naphthalene	3.57	128	755954	27.42	ug/mL	99
3) 2-Methylnaphthalene	4.24	142	450413	27.99	ug/mL	91
4) 1-Methylnaphthalene	4.34	142	476662	28.89	ug/mL	91
6) Acenaphthylene	5.14	152	806756	30.56	ug/mL	99
7) Acenaphthene	5.31	154	465600	29.28	ug/mL	96
8) Fluorene	5.83	166	564401	27.88	ug/mL	98
10) Phenanthrene	6.80	178	797098	26.98	ug/mL	99
11) Anthracene	6.85	178	870328	30.14	ug/mL	100
12) Fluoranthene	7.95	202	1035913	20.27	ug/mL	91
13) Pyrene	8.16	202	1119478	19.67	ug/mL	88
15) p-Terphenyl	8.29	230	854244	18.29	ug/mL	99
17) Benzo(a)anthracene	9.28	228	1034092	25.48	ug/mL	98
18) Chrysene	9.32	228	1001717	27.90	ug/mL	99
20) Benzo(b)fluoranthene	10.27	252	907463	28.56	ug/mL	94
21) Benzo(k)fluoranthene	10.30	252	926428	30.03	ug/mL	93
22) Benzo(a)pyrene	10.60	252	769421	29.10	ug/mL	94
23) Indeno(1,2,3-cd)pyrene	11.89	276	517859	26.71	ug/mL	86
24) Dibenzo(a,h)anthracene	11.89	278	435937	28.45	ug/mL	93
25) Benzo(g,h,i)perylene	12.27	276	382095	21.03	ug/mL	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GD\
InstName : JSVGCMS1
Data File : 5GD009.D
Acq On : 9 Jul 2007 18:33
Operator : JWJ
Sample : BA00950-CAL6
Misc : B7E0077
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 09 18:46:27 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5G2.M
Quant Title : 8270/PAH/SIM curve SIM-5G2 (25ug/mL)
QLast Update : Tue Jul 03 10:15:41 2007
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\5GD\5GD010.D
Vial: 10
Acq On : 9 Jul 2007 18:50
Operator: JWJ
Sample : BA00950-ICV1
Inst : JSVGCMS1
Misc : B7D0185
Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\METHODS\SIM-5GD.M (RTE Integrator)
Title : 8270/PAH/SIM curve SIM-5GD (25ug/mL)
Last Update : Tue Jul 10 11:06:55 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	NAPHTHALENE-d8	1.000	1.000	0.0	99	0.00
2		Naphthalene	1.145	1.199	-4.7	103	0.00
3		2-Methylnaphthalene	0.644	0.696	-8.1	105	0.00
4		1-Methylnaphthalene	0.680	0.711	-4.6	101	0.00
5	I	ACENAPHTHENE-d10	1.000	1.000	0.0	99	0.00
6		Acenaphthylene	2.129	2.252	-5.8	103	0.00
7	c	Acenaphthene	1.212	1.275	-5.2	103	0.00
8		Fluorene	1.498	1.550	-3.5	102	0.00
9	I	PHENANTHRENE-d10	1.000	1.000	0.0	102	0.00
10		Phenanthrene	1.173	1.121	4.4	101	0.00
11		Anthracene	1.344	1.352	-0.6	104	0.00
12		Fluoranthene	1.620	1.646	-1.6	105	0.00
13		Pyrene	1.746	1.720	1.5	103	0.00
14	s	p-Terphenyl (b/n surr)	1.324	0.000	100.0#	0#	-8.30#
15		p-Terphenyl	1.324	0.000	100.0#	0#	-8.30#
16	I	CHRYSENE-d12	1.000	1.000	0.0	95	0.00
17		Benzo(a)anthracene	1.332	1.388	-4.2	100	0.00
18		Chrysene	1.422	1.494	-5.1	103	0.00
19	I	PERYLENE-d12	1.000	1.000	0.0	89	0.00
20		Benzo(b)fluoranthene	1.294	1.461	-12.9	94	0.00
21		Benzo(k)fluoranthene	1.549	1.772	-14.4	104	0.00
22	c	Benzo(a)pyrene	1.209	1.306	-8.0	95	0.00
23		Indeno(1,2,3-cd)pyrene	0.776	0.839	-8.1	94	0.00
24		Dibenzo(a,h)anthracene	0.636	0.699	-9.9	94	0.00
25		Benzo(g,h,i)perylene	0.608	0.637	-4.8	93	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GD\
InstName : JSVGCMS1
Data File : 5GD010.D
Acq On : 9 Jul 2007 18:50
Operator : JWJ
Sample : BA00950-ICV1
Misc : B7D0185
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 10 11:21:01 2007
Quant Method : C:\msdchem\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration

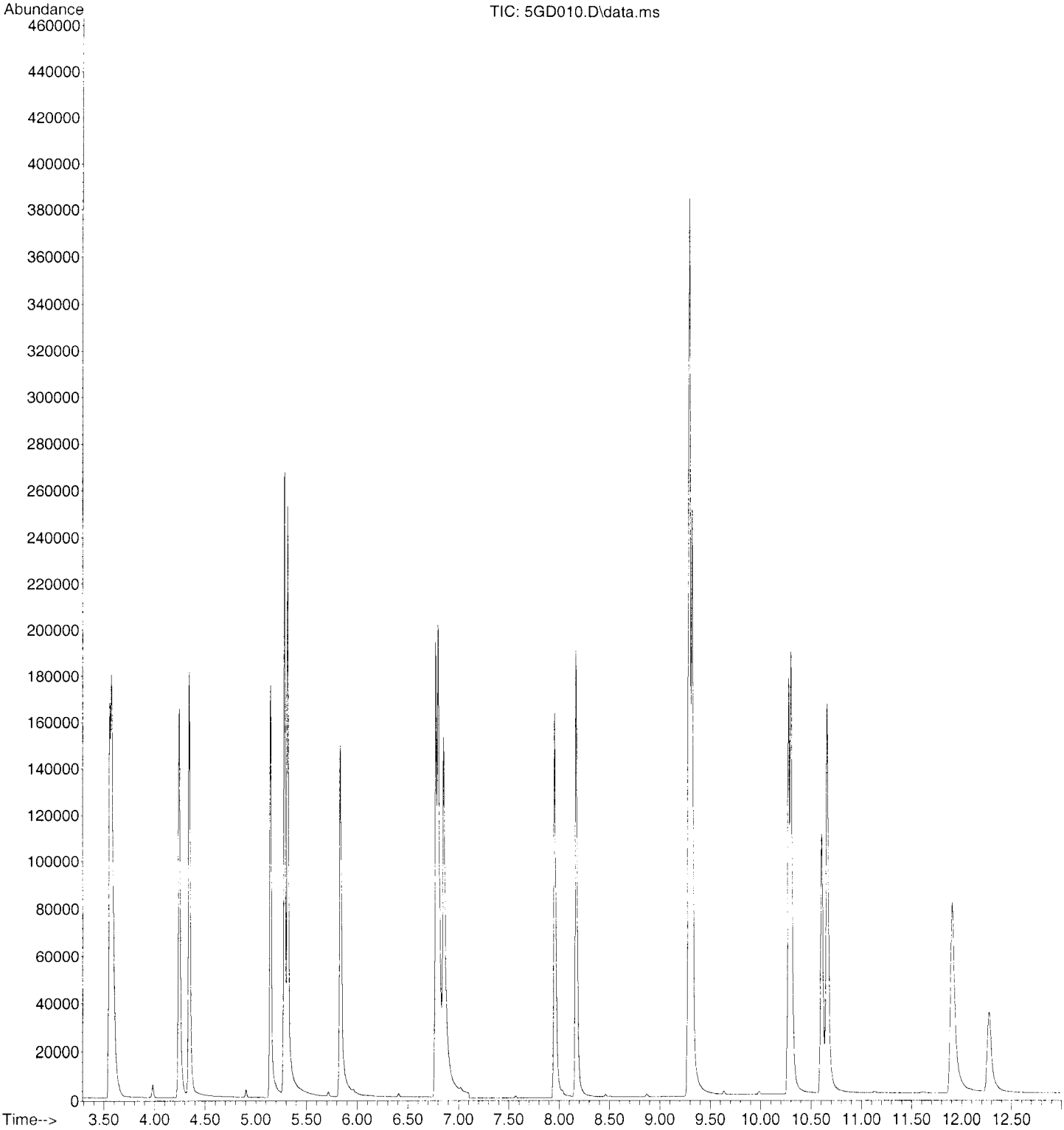
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) NAPHTHALENE-d8	3.55	136	271716	10.00	ug/mL	0.00
5) ACENAPHTHENE-d10	5.28	164	143819	10.00	ug/mL	0.00
9) PHENANTHRENE-d10	6.77	188	263082	10.00	ug/mL	0.00
16) CHRYSENE-d12	9.29	240	281131	10.00	ug/mL	0.00
19) PERYLENE-d12	10.66	264	217102	10.00	ug/mL	0.00
System Monitoring Compounds						
14) p-Terphenyl (b/n surr)	0.00	230	0	0.00	ug/mL	
Spiked Amount 5.000			Recovery	=	0.00%	
Target Compounds						Qvalue
2) Naphthalene	3.57	128	162888	5.24	ug/mL	100
3) 2-Methylnaphthalene	4.24	142	94543	5.41	ug/mL	100
4) 1-Methylnaphthalene	4.34	142	96572	5.23	ug/mL	98
6) Acenaphthylene	5.14	152	161971	5.29	ug/mL	100
7) Acenaphthene	5.31	154	91705	5.26	ug/mL	99
8) Fluorene	5.83	166	111451	5.17	ug/mL	100
10) Phenanthrene	6.80	178	147468	4.78	ug/mL	100
11) Anthracene	6.85	178	177886	5.03	ug/mL	99
12) Fluoranthene	7.95	202	216570	5.08	ug/mL	100
13) Pyrene	8.16	202	226201	4.93	ug/mL	100
15) p-Terphenyl	0.00	230	0	N.D.		
17) Benzo(a)anthracene	9.28	228	195156	5.21	ug/mL	100
18) Chrysene	9.32	228	209935	5.25	ug/mL	100
20) Benzo(b)fluoranthene	10.27	252	158606	5.64	ug/mL	100
21) Benzo(k)fluoranthene	10.30	252	192300	5.72	ug/mL	100
22) Benzo(a)pyrene	10.60	252	141741	5.40	ug/mL	99
23) Indeno(1,2,3-cd)pyrene	11.90	276	91051	5.40	ug/mL	99
24) Dibenzo(a,h)anthracene	11.90	278	75904	5.49	ug/mL	99
25) Benzo(g,h,i)perylene	12.27	276	69198	5.25	ug/mL	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GD\
InstName : JSVGCMS1
Data File : 5GD010.D
Acq On : 9 Jul 2007 18:50
Operator : JWJ
Sample : BA00950-ICV1
Misc : B7D0185
ALS Vial : 10 Sample Multiplier: 1

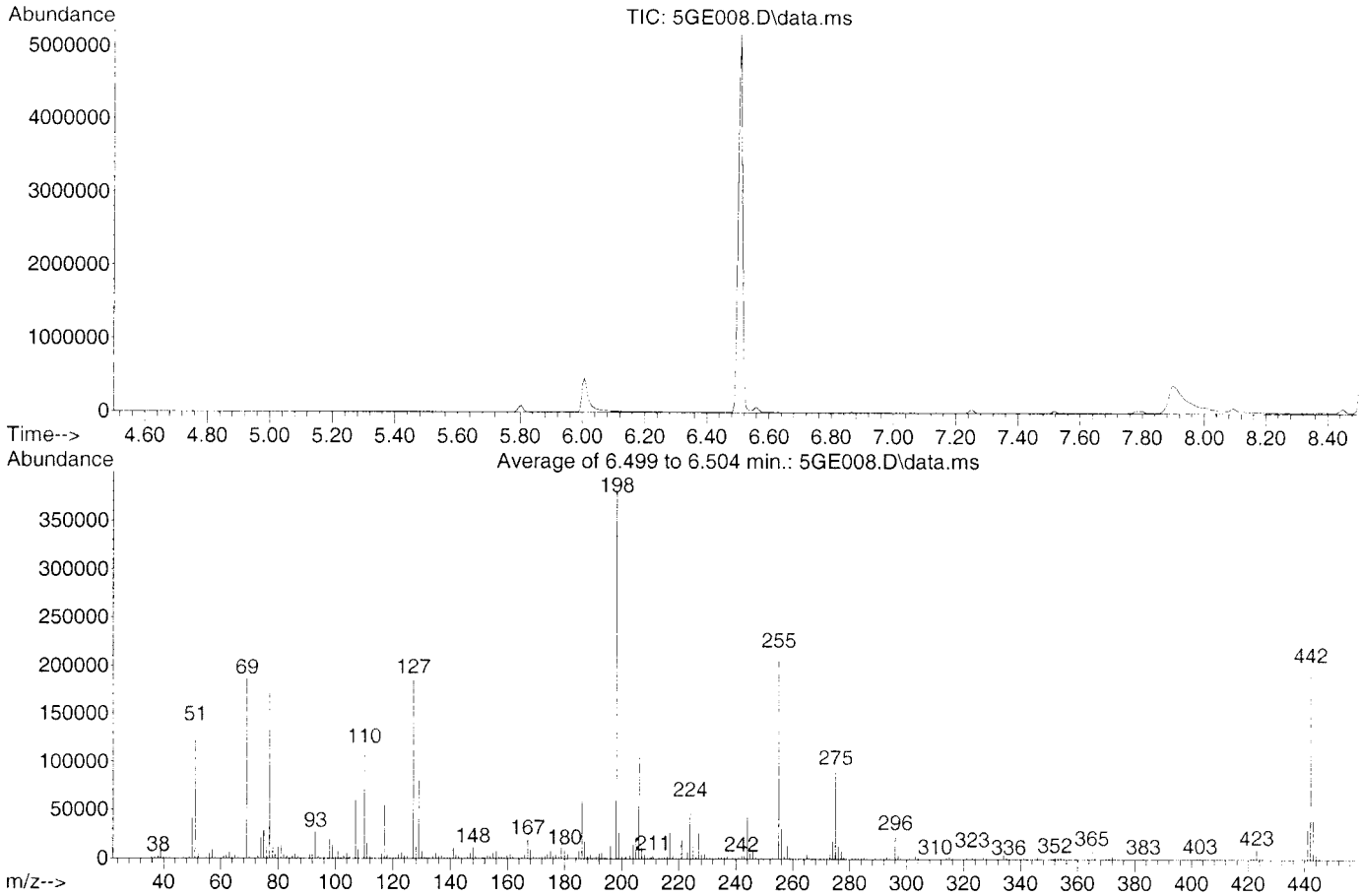
Quant Time: Jul 10 11:21:01 2007
Quant Method : C:\msdchem\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\5GE\
Data File : 5GE008.D
Acq On : 10 Jul 2007 16:54
Operator : JWJ
Sample : BA00957-TUN1
Misc : B7G0020
ALS Vial : 8 Sample Multiplier: 1

Integration File: RTEINT.P

Method : C:\msdchem\1\METHODS\DFTPP.M
Title : 625/8270 Tune Method
Last Update : Fri Jun 01 10:34:54 2007



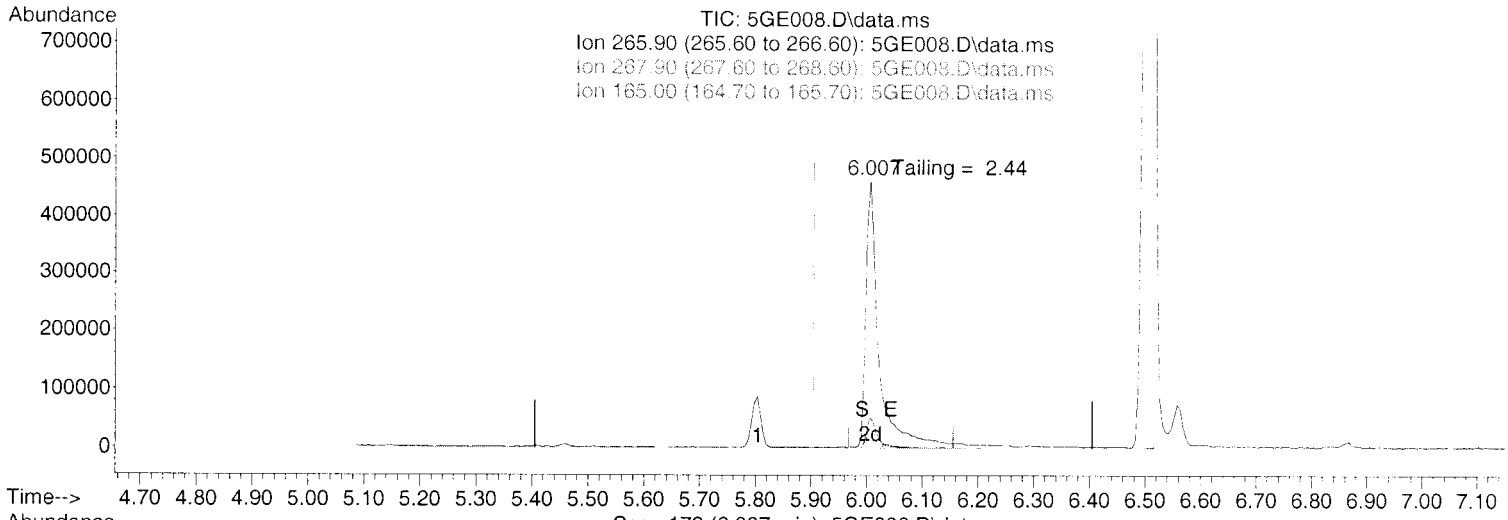
Spectrum Information: Average of 6.499 to 6.504 min.

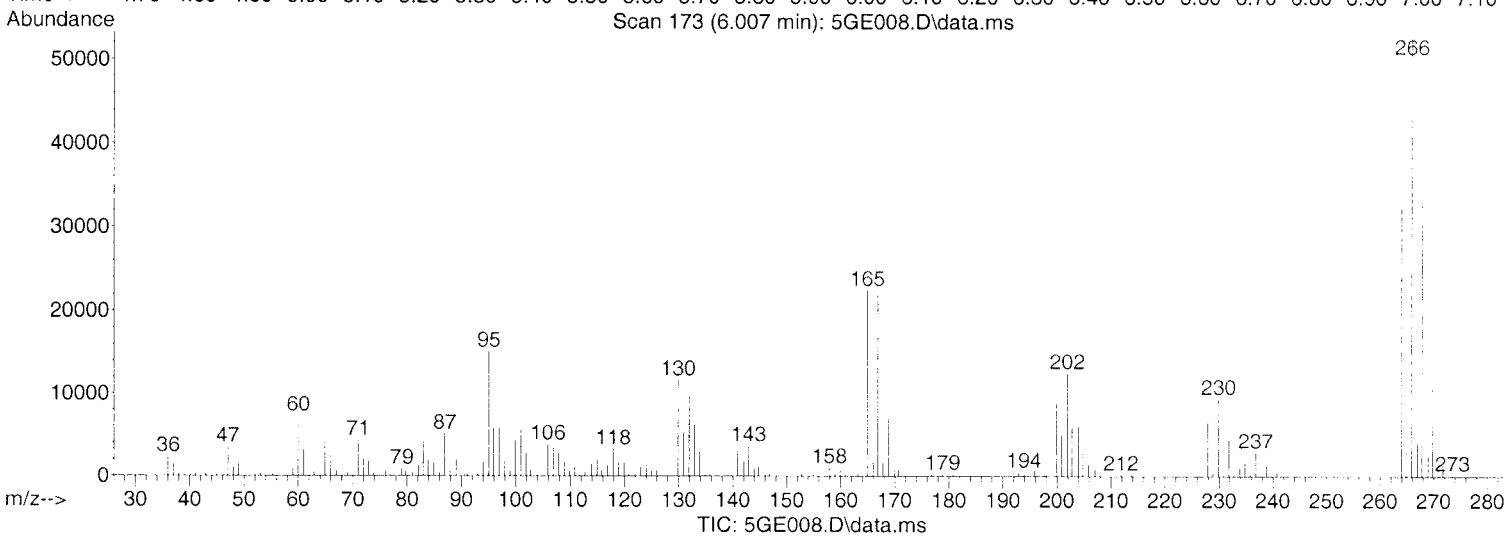
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	36.0	137184	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	49.0	186464	PASS
70	69	0.00	2	0.6	1099	PASS
127	198	40	60	49.1	187004	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	380672	PASS
199	198	5	9	6.8	26072	PASS
275	198	10	30	24.4	92756	PASS
365	198	1	100	2.4	9171	PASS
441	443	0.01	100	74.7	29826	PASS
442	198	40	100	52.6	200216	PASS
443	442	17	23	20.0	39952	PASS

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE008.D
Acq On : 10 Jul 2007 16:54
Operator : JWJ
Sample : BA00957-TUN1
Misc : B7G0020
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 12 14:14:18 2007
Quant Method : C:\msdchem\1\METHODS\DFTPP.M
Quant Title : 625/8270 Tune Method
QLast Update : Fri Jun 01 10:34:54 2007
Response via : Initial Calibration





(1) Pentachlorophenol

6.007min (+0.102) 38.42ug/ml m

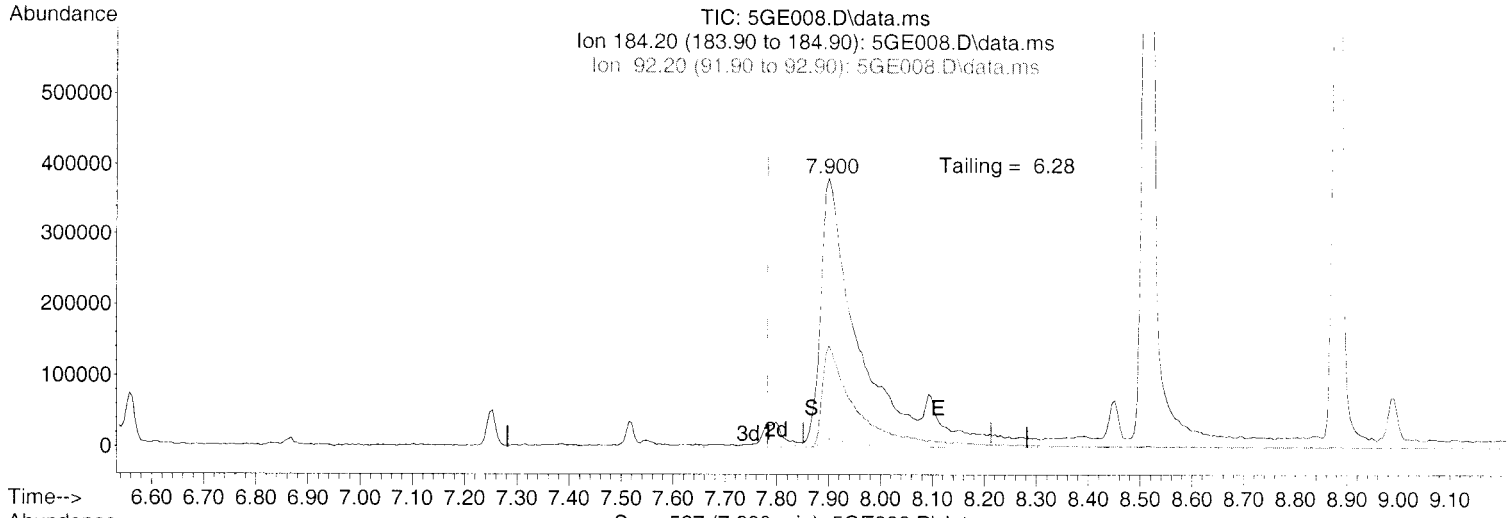
response 762726

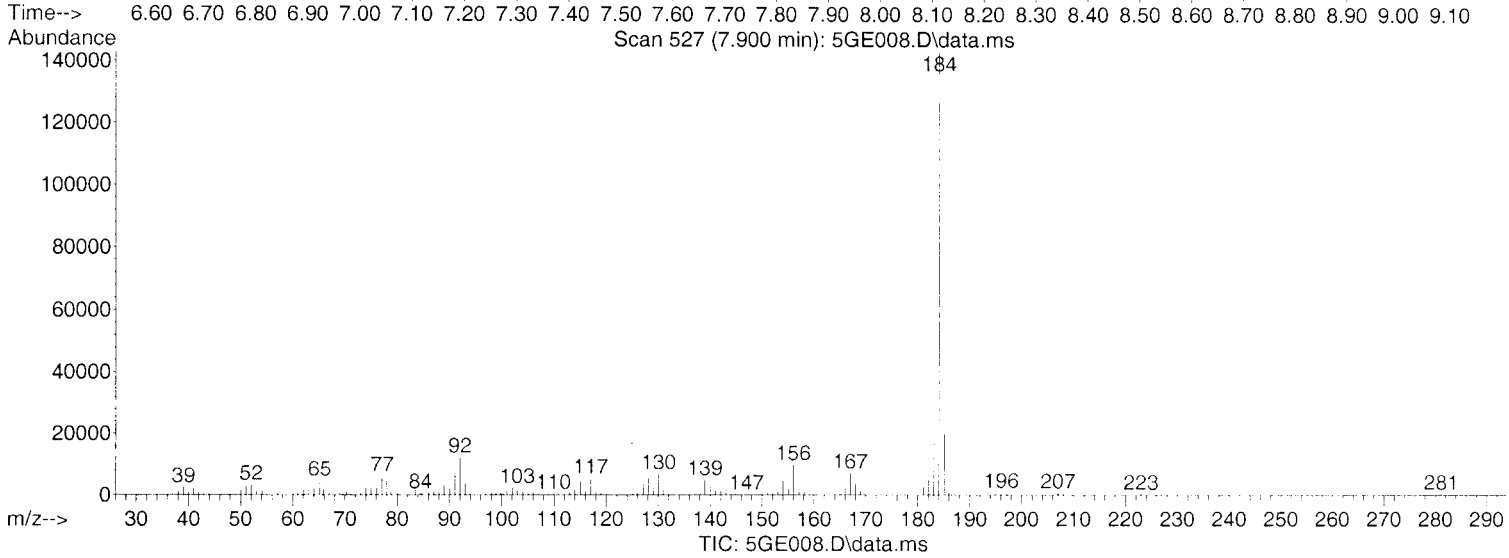
Signal	Exp%	Act%
TIC	100	100
265.90	14.00	0.00#
267.90	8.60	0.00#
165.00	4.80	0.00#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE008.D
Acq On : 10 Jul 2007 16:54
Operator : JWJ
Sample : BA00957-TUN1
Misc : B7G0020
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 12 14:14:18 2007
Quant Method : C:\msdchem\1\METHODS\DFTPP.M
Quant Title : 625/8270 Tune Method
QLast Update : Fri Jun 01 10:34:54 2007
Response via : Initial Calibration





(3) Benzidine

7.900min (+0.118) 112.31ug/ml m

response 1919165

Signal	Exp%	Act%
TIC	100	100
184.20	42.70	0.00#
92.20	3.70	0.00#
0.00	0.00	0.00

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\5GE\5GE009.D
Vial: 9
Acq On : 10 Jul 2007 17:08
Operator: JWJ
Sample : BA00957-CCV1
Inst : JSVGCMS1
Misc : B7F0184
Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\msdchem\1\METHODS\SIM-5GD.M (RTE Integrator)
Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
Last Update : Tue Jul 10 11:06:55 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	NAPHTHALENE-d8	1.000	1.000	0.0	114	0.00
2		Naphthalene	1.145	1.182	-3.2	118	0.00
3		2-Methylnaphthalene	0.644	0.658	-2.2	115	0.00
4		1-Methylnaphthalene	0.680	0.716	-5.3	118	0.00
5	I	ACENAPHTHENE-d10	1.000	1.000	0.0	118	0.00
6		Acenaphthylene	2.129	2.125	0.2	115	0.00
7	c	Acenaphthene	1.212	1.254	-3.5	121	0.00
8		Fluorene	1.498	1.524	-1.7	118	0.00
9	I	PHENANTHRENE-d10	1.000	1.000	0.0	118	0.00
10		Phenanthrene	1.173	1.127	3.9	116	0.00
11		Anthracene	1.344	1.370	-1.9	121	0.00
12		Fluoranthene	1.620	1.668	-3.0	123	0.00
13		Pyrene	1.746	1.822	-4.4	125	0.00
14	s	p-Terphenyl (b/n surr)	1.324	1.391	-5.1	124	0.00
15		p-Terphenyl	1.324	1.391	-5.1	124	0.00
16	I	CHRYSENE-d12	1.000	1.000	0.0	115	0.00
17		Benzo(a)anthracene	1.332	1.265	5.0	109	0.00
18		Chrysene	1.422	1.546	-8.7	128	0.00
19	I	PERYLENE-d12	1.000	1.000	0.0	90	0.00
20		Benzo(b)fluoranthene	1.294	1.292	0.2	84	0.00
21		Benzo(k)fluoranthene	1.549	1.953	-26.1#	116	0.00
22	c	Benzo(a)pyrene	1.209	1.291	-6.8	95	0.00
23		Indeno(1,2,3-cd)pyrene	0.776	0.772	0.5	87	0.00
24		Dibenzo(a,h)anthracene	0.636	0.637	-0.2	87	0.00
25		Benzo(g,h,i)perylene	0.608	0.608	0.0	90	0.00

Qualify any hits.
Fails high. JJ 7-12-07

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE009.D
Acq On : 10 Jul 2007 17:08
Operator : JWJ
Sample : BA00957-CCV1
Misc : B7F0184
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 10 17:21:54 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration

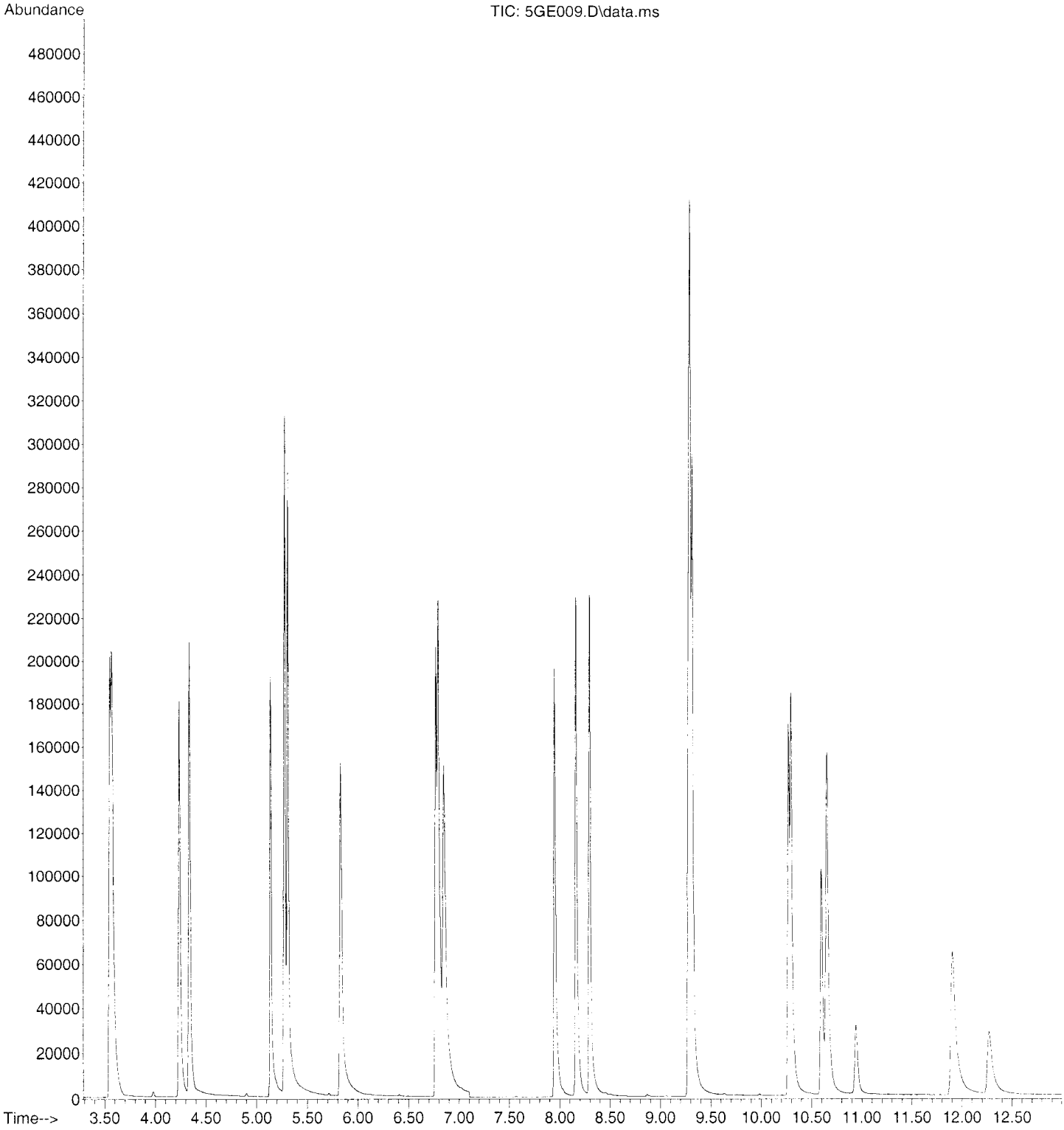
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) NAPHTHALENE-d8	3.55	136	314871	10.00	ug/mL	0.00
5) ACENAPHTHENE-d10	5.28	164	170549	10.00	ug/mL	0.00
9) PHENANTHRENE-d10	6.77	188	302414	10.00	ug/mL	0.00
16) CHRYSENE-d12	9.29	240	337958	10.00	ug/mL	0.00
19) PERYLENE-d12	10.65	264	219892	10.00	ug/mL	0.00
System Monitoring Compounds						
14) p-Terphenyl (b/n surr)	8.29	230	210326	5.25	ug/mL	0.00
Spiked Amount 5.000			Recovery	=	105.00%	
Target Compounds						Qvalue
2) Naphthalene	3.57	128	186137	5.16	ug/mL	100
3) 2-Methylnaphthalene	4.24	142	103667	5.11	ug/mL	99
4) 1-Methylnaphthalene	4.34	142	112772	5.27	ug/mL	100
6) Acenaphthylene	5.14	152	181222	4.99	ug/mL	100
7) Acenaphthene	5.31	154	106948	5.17	ug/mL	99
8) Fluorene	5.83	166	129922	5.08	ug/mL	100
10) Phenanthrene	6.79	178	170479	4.81	ug/mL	100
11) Anthracene	6.85	178	207128	5.09	ug/mL	100
12) Fluoranthene	7.95	202	252191	5.15	ug/mL	98
13) Pyrene	8.16	202	275484	5.22	ug/mL	98
15) p-Terphenyl	8.29	230	210326	5.25	ug/mL	100
17) Benzo(a)anthracene	9.28	228	213686	4.75	ug/mL	100
18) Chrysene	9.31	228	261261	5.44	ug/mL	100
20) Benzo(b)fluoranthene	10.27	252	142102	4.99	ug/mL	97
21) Benzo(k)fluoranthene	10.30	252	214708	6.31	ug/mL	99
22) Benzo(a)pyrene	10.60	252	141886	5.34	ug/mL	100
23) Indeno(1,2,3-cd)pyrene	11.90	276	84913	4.97	ug/mL	99
24) Dibenzo(a,h)anthracene	11.91	278	69982	5.00	ug/mL	99
25) Benzo(g,h,i)perylene	12.27	276	66889	5.01	ug/mL	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE009.D
Acq On : 10 Jul 2007 17:08
Operator : JWJ
Sample : BA00957-CCV1
Misc : B7F0184
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 10 17:21:54 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration



PAH QC Data

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE010.D
Acq On : 10 Jul 2007 17:35
Operator : JWJ
Sample : 7G09002-BLK1
Misc : @BA00957 8270 pah sim water
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 10 17:56:01 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration

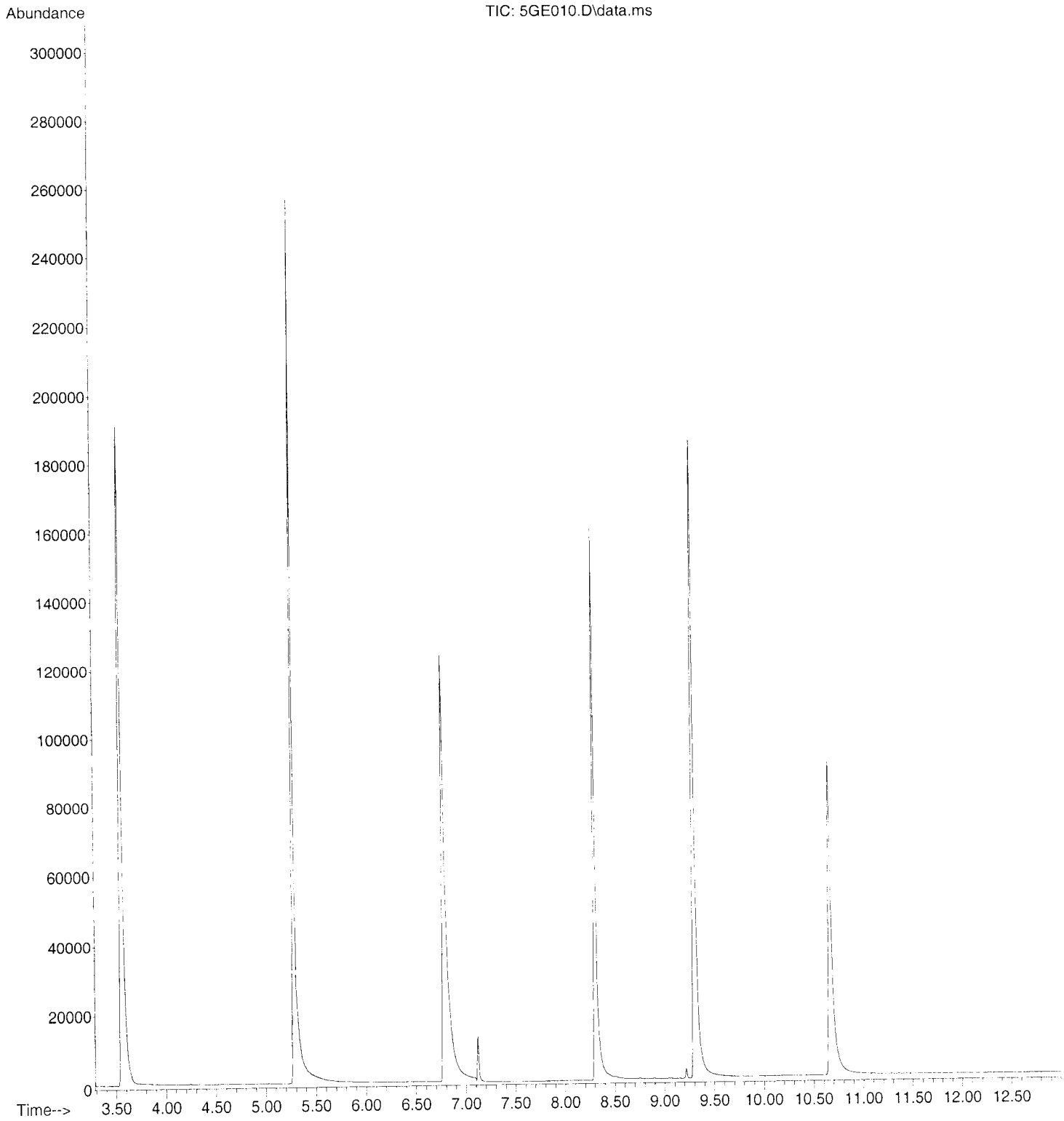
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) NAPHTHALENE-d8	3.55	136	322688	10.00 ug/mL	0.00
5) ACENAPHTHENE-d10	5.28	164	161468	10.00 ug/mL	0.00
9) PHENANTHRENE-d10	6.78	188	278900	10.00 ug/mL	0.00
16) CHRYSENE-d12	9.30	240	290505	10.00 ug/mL	0.00
19) PERYLENE-d12	10.66	264	169876	10.00 ug/mL	0.00
System Monitoring Compounds					
14) p-Terphenyl (b/n surr)	8.30	230	166514	4.51 ug/mL	0.00
Spiked Amount 5.000			Recovery	= 90.20%	
Target Compounds					Qvalue
2) Naphthalene	3.57	128	249	N.D.	
3) 2-Methylnaphthalene	4.24	142	103	N.D.	
4) 1-Methylnaphthalene	4.24	142	103	N.D.	
6) Acenaphthylene	0.00	152	0	N.D.	
7) Acenaphthene	0.00	154	0	N.D. d	
8) Fluorene	0.00	166	0	N.D.	
10) Phenanthrene	6.80	178	134	N.D.	
11) Anthracene	0.00	178	0	N.D.	
12) Fluoranthene	0.00	202	0	N.D.	
13) Pyrene	0.00	202	0	N.D. d	
15) p-Terphenyl	8.30	230	166514	4.51 ug/mL	100
17) Benzo(a)anthracene	9.29	228	945	N.D.	
18) Chrysene	9.29	228	945	N.D.	
20) Benzo(b)fluoranthene	0.00	252	0	N.D.	
21) Benzo(k)fluoranthene	0.00	252	0	N.D.	
22) Benzo(a)pyrene	10.66	252	564	N.D.	
23) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
24) Dibenzo(a,h)anthracene	0.00	278	0	N.D.	
25) Benzo(g,h,i)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE010.D
Acq On : 10 Jul 2007 17:35
Operator : JWJ
Sample : 7G09002-BLK1
Misc : @BA00957 8270 pah sim water
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 10 17:56:01 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE011.D
Acq On : 10 Jul 2007 17:52
Operator : JWJ
Sample : 7G09002-BS1
Misc : @BA00957 8270 pah sim water
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 10 18:05:36 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration

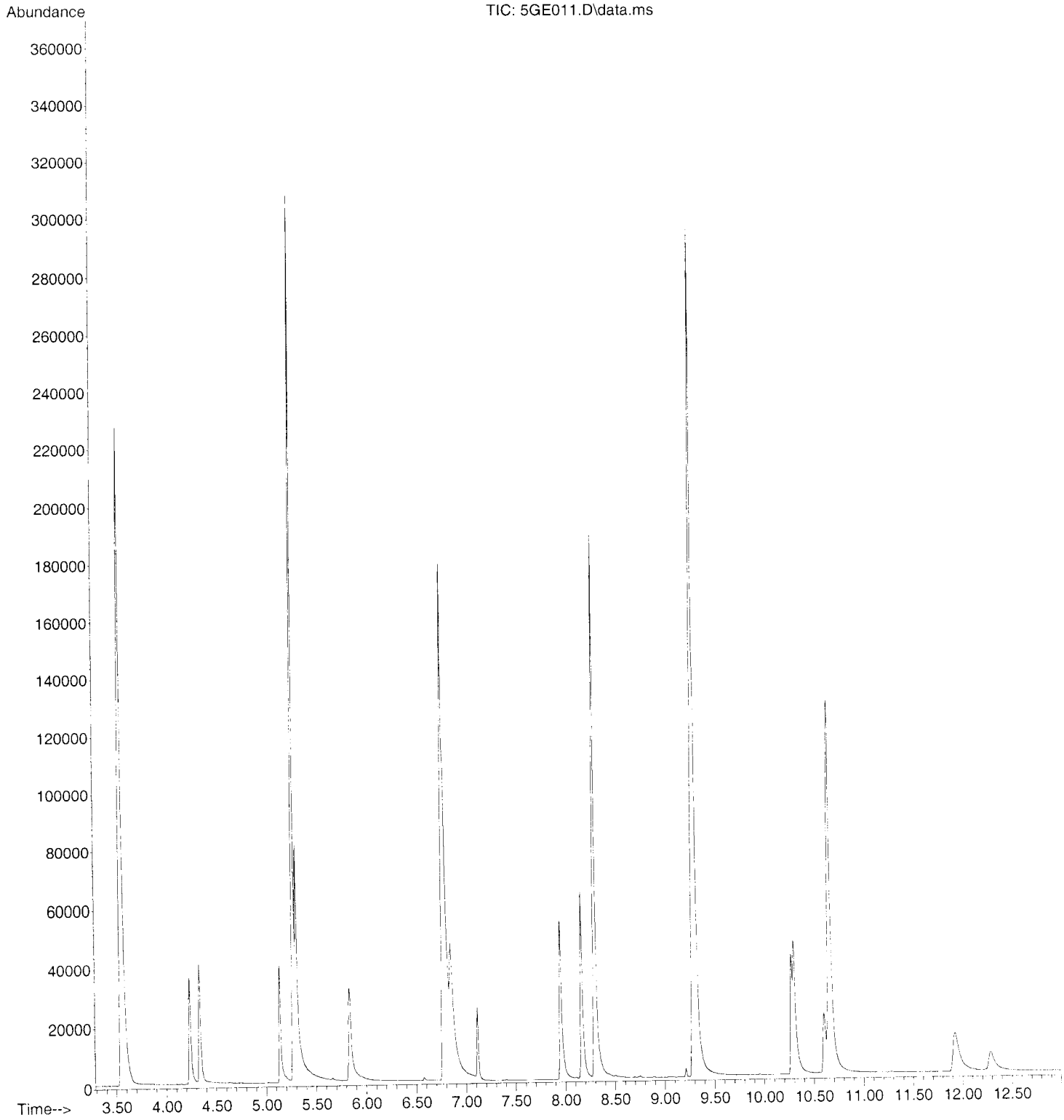
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) NAPHTHALENE-d8	3.55	136	354107	10.00	ug/mL	0.00
5) ACENAPHTHENE-d10	5.27	164	182272	10.00	ug/mL	0.00
9) PHENANTHRENE-d10	6.77	188	320263	10.00	ug/mL	0.00
16) CHRYSENE-d12	9.29	240	343610	10.00	ug/mL	0.00
19) PERYLENE-d12	10.66	264	216098	10.00	ug/mL	0.00
System Monitoring Compounds						
14) p-Terphenyl (b/n surr)	8.29	230	183187	4.32	ug/mL	0.00
Spiked Amount 5.000			Recovery	=	86.40%	
Target Compounds						Qvalue
2) Naphthalene	3.57	128	42365	1.04	ug/mL	99
3) 2-Methylnaphthalene	4.24	142	22897	1.00	ug/mL	100
4) 1-Methylnaphthalene	4.34	142	24424	1.01	ug/mL	99
6) Acenaphthylene	5.14	152	43177	1.11	ug/mL	100
7) Acenaphthene	5.31	154	25754	1.17	ug/mL	99
8) Fluorene	5.84	166	33400	1.22	ug/mL	100
10) Phenanthrene	6.79	178	46133	1.23	ug/mL	98
11) Anthracene	6.85	178	60858	1.41	ug/mL	100
12) Fluoranthene	7.95	202	80565	1.55	ug/mL	97
13) Pyrene	8.16	202	84393	1.51	ug/mL	98
15) p-Terphenyl	8.29	230	183187	4.32	ug/mL	100
17) Benzo(a)anthracene	9.28	228	60301	1.32	ug/mL	100
18) Chrysene	9.31	228	87594	1.79	ug/mL	100
20) Benzo(b)fluoranthene	10.27	252	36958	1.32	ug/mL	99
21) Benzo(k)fluoranthene	10.30	252	67047	2.00	ug/mL	99
22) Benzo(a)pyrene	10.60	252	38942	1.49	ug/mL	97
23) Indeno(1,2,3-cd)pyrene	11.92	276	22819	1.36	ug/mL	100
24) Dibenzo(a,h)anthracene	11.93	278	17004	1.24	ug/mL	98
25) Benzo(g,h,i)perylene	12.28	276	17664	1.35	ug/mL	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE011.D
Acq On : 10 Jul 2007 17:52
Operator : JWJ
Sample : 7G09002-BS1
Misc : @BA00957 8270 pah sim water
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 10 18:05:36 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE012.D
Acq On : 10 Jul 2007 18:10
Operator : JWJ
Sample : 7G09002-MS1
Misc : @BA00957 8270 pah sim water
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 10 18:23:06 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration

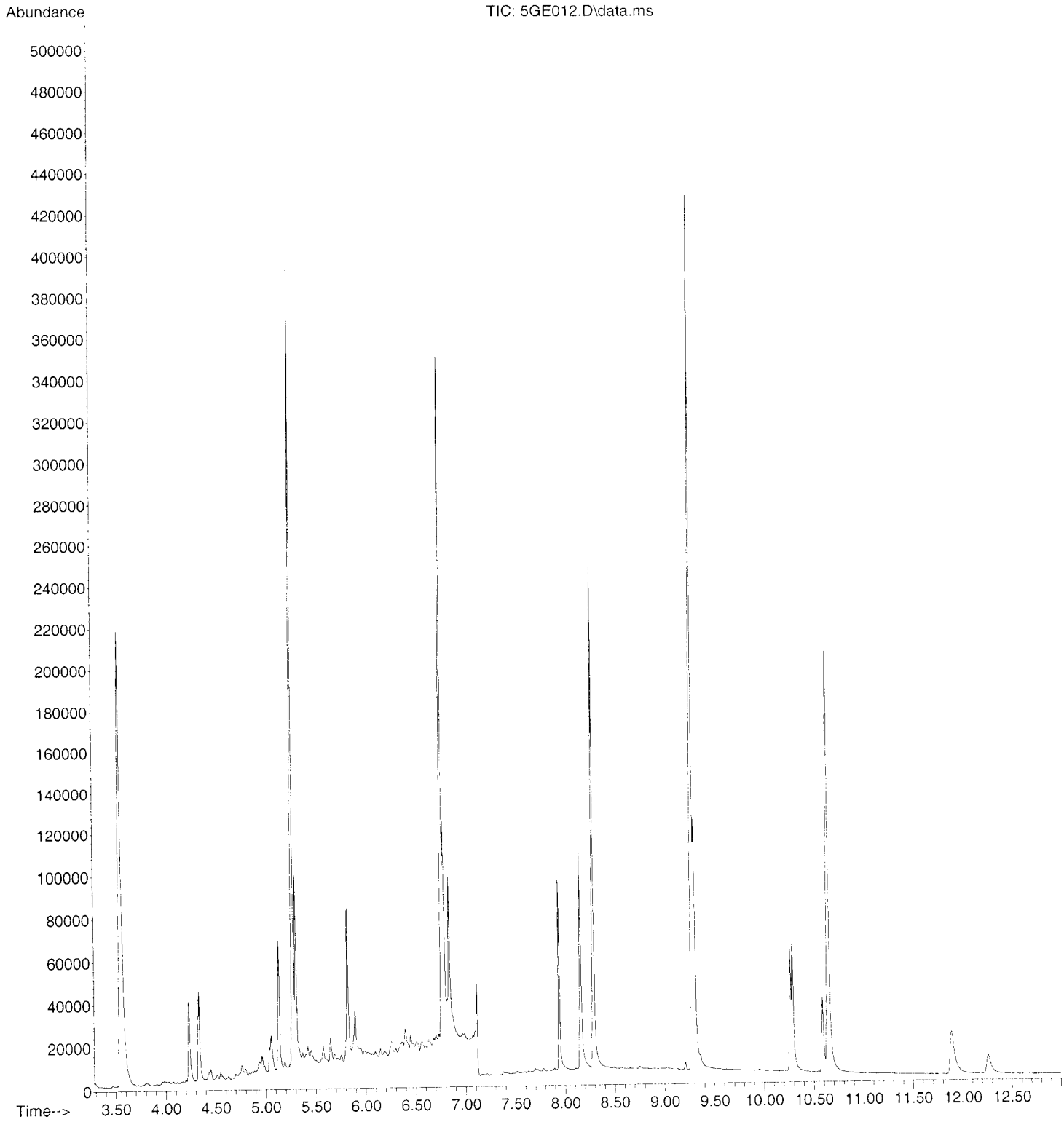
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) NAPHTHALENE-d8	3.55	136	338080	10.00	ug/mL	0.00
5) ACENAPHTHENE-d10	5.27	164	185634	10.00	ug/mL	0.00
9) PHENANTHRENE-d10	6.76	188	308306	10.00	ug/mL	0.00
16) CHRYSENE-d12	9.28	240	366292	10.00	ug/mL	-0.01
19) PERYLENE-d12	10.64	264	250995	10.00	ug/mL	-0.01
System Monitoring Compounds						
14) p-Terphenyl (b/n surr)	8.29	230	166888	4.09	ug/mL	-0.01
Spiked Amount 5.000			Recovery	=	81.80%	
Target Compounds						Qvalue
2) Naphthalene	3.57	128	38563	1.00	ug/mL	79
3) 2-Methylnaphthalene	4.24	142	21586	0.99	ug/mL	99
4) 1-Methylnaphthalene	4.34	142	21571	0.94	ug/mL	97
6) Acenaphthylene	5.13	152	42401	1.07	ug/mL	96
7) Acenaphthene	5.31	154	28183	1.25	ug/mL	98
8) Fluorene	5.82	166	39232	1.41	ug/mL	99
10) Phenanthrene	6.79	178	52114	1.44	ug/mL	97
11) Anthracene	6.84	178	57496	1.39	ug/mL	94
12) Fluoranthene	7.94	202	79877	1.60	ug/mL	97
13) Pyrene	8.16	202	84229	1.57	ug/mL	92
15) p-Terphenyl	8.29	230	166888	4.09	ug/mL	100
17) Benzo(a)anthracene	9.27	228	66957	1.37	ug/mL	100
18) Chrysene	9.31	228	74090	1.42	ug/mL	100
20) Benzo(b)fluoranthene	10.26	252	44553	1.37	ug/mL	94
21) Benzo(k)fluoranthene	10.29	252	57056	1.47	ug/mL	100
22) Benzo(a)pyrene	10.59	252	41818	1.38	ug/mL	98
23) Indeno(1,2,3-cd)pyrene	11.89	276	25125	1.29	ug/mL	99
24) Dibenzo(a,h)anthracene	11.89	278	20635	1.29	ug/mL	100
25) Benzo(g,h,i)perylene	12.26	276	19612	1.29	ug/mL	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE012.D
Acq On : 10 Jul 2007 18:10
Operator : JWJ
Sample : 7G09002-MS1
Misc : @BA00957 8270 pah sim water
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 10 18:23:06 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE013.D
Acq On : 10 Jul 2007 18:27
Operator : JWJ
Sample : 7G09002-MSD1
Misc : @BA00957 8270 pah sim water
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 10 18:40:28 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration

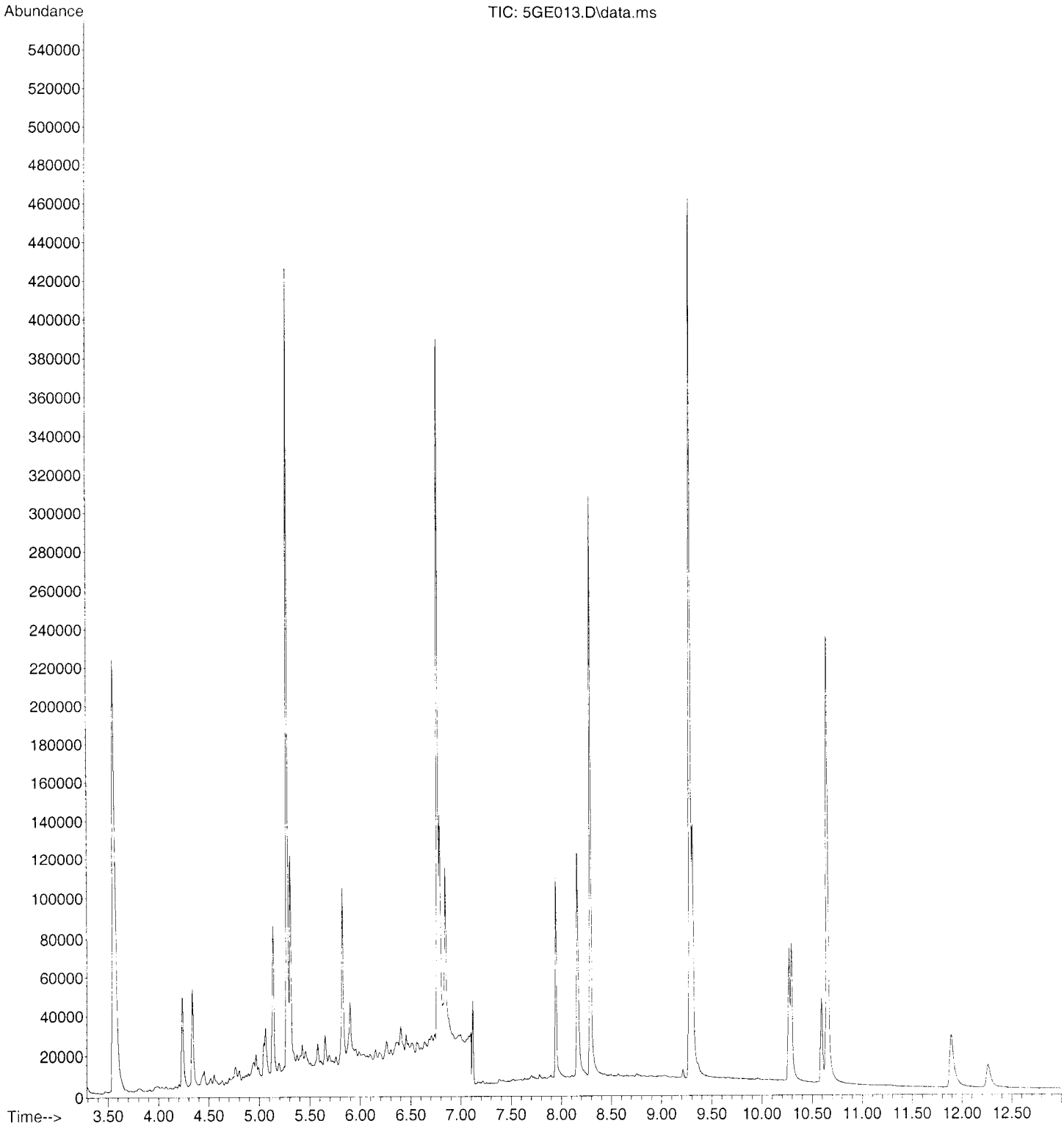
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) NAPHTHALENE-d8	3.55	136	352578	10.00	ug/mL	0.00
5) ACENAPHTHENE-d10	5.27	164	193166	10.00	ug/mL	0.00
9) PHENANTHRENE-d10	6.77	188	325623	10.00	ug/mL	0.00
16) CHRYSENE-d12	9.29	240	381235	10.00	ug/mL	0.00
19) PERYLENE-d12	10.65	264	267555	10.00	ug/mL	0.00
System Monitoring Compounds						
14) p-Terphenyl (b/n surr)	8.29	230	194854	4.52	ug/mL	-0.01
Spiked Amount 5.000			Recovery	=	90.40%	
Target Compounds						Qvalue
2) Naphthalene	3.57	128	45966	1.14	ug/mL	76
3) 2-Methylnaphthalene	4.24	142	25420	1.12	ug/mL	100
4) 1-Methylnaphthalene	4.34	142	25217	1.05	ug/mL	95
6) Acenaphthylene	5.13	152	51212	1.25	ug/mL	96
7) Acenaphthene	5.31	154	33979	1.45	ug/mL	98
8) Fluorene	5.82	166	47421	1.64	ug/mL	98
10) Phenanthrene	6.79	178	59939	1.57	ug/mL	96
11) Anthracene	6.84	178	65199	1.49	ug/mL	95
12) Fluoranthene	7.94	202	88188	1.67	ug/mL	97
13) Pyrene	8.15	202	92886	1.63	ug/mL	92
15) p-Terphenyl	8.29	230	194854	4.52	ug/mL	100
17) Benzo(a)anthracene	9.28	228	75973	1.50	ug/mL	100
18) Chrysene	9.31	228	81402	1.50	ug/mL	97
20) Benzo(b)fluoranthene	10.27	252	55535	1.60	ug/mL	99
21) Benzo(k)fluoranthene	10.29	252	66247	1.60	ug/mL	99
22) Benzo(a)pyrene	10.59	252	48010	1.48	ug/mL	98
23) Indeno(1,2,3-cd)pyrene	11.89	276	29387	1.41	ug/mL	99
24) Dibenzo(a,h)anthracene	11.89	278	24421	1.43	ug/mL	99
25) Benzo(g,h,i)perylene	12.26	276	23002	1.41	ug/mL	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE013.D
Acq On : 10 Jul 2007 18:27
Operator : JWJ
Sample : 7G09002-MSD1
Misc : @BA00957 8270 pah sim water
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 10 18:40:28 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration



PAH Raw Data

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE014.D
Acq On : 10 Jul 2007 18:44
Operator : JWJ
Sample : B705885-01
Misc : @BA00957 8270 pah sim water
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 12 10:41:40 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration

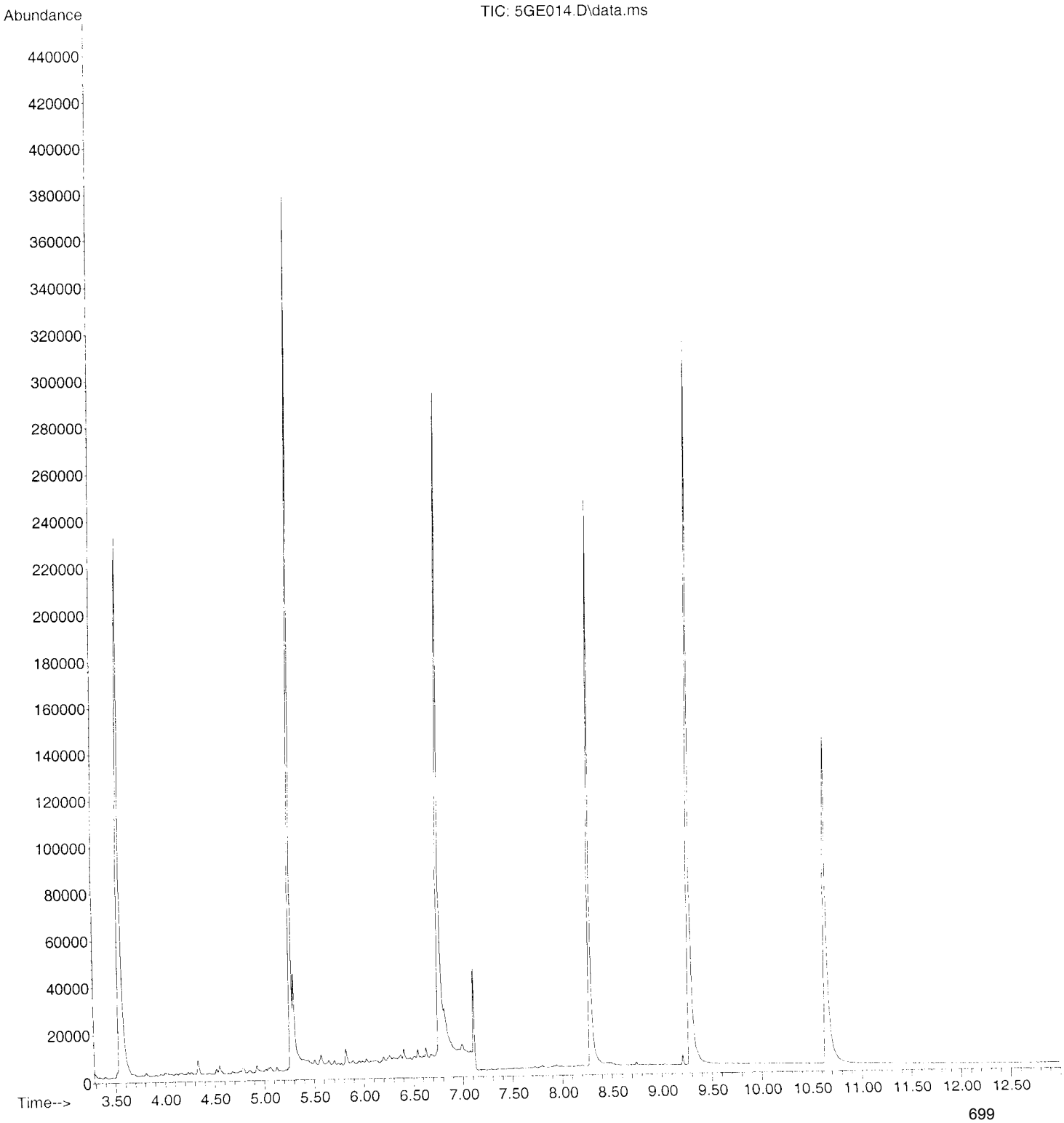
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) NAPHTHALENE-d8	3.55	136	352623	10.00 ug/mL	0.00
5) ACENAPHTHENE-d10	5.27	164	186231	10.00 ug/mL	0.00
9) PHENANTHRENE-d10	6.77	188	340460	10.00 ug/mL	0.00
16) CHRYSENE-d12	9.29	240	354544	10.00 ug/mL	0.00
19) PERYLENE-d12	10.65	264	232532	10.00 ug/mL	0.00
System Monitoring Compounds					
14) p-Terphenyl (b/n surr)	8.29	230	182417	4.05 ug/mL	-0.01
Spiked Amount 5.000			Recovery	= 81.00%	
Target Compounds					Qvalue
2) Naphthalene	3.57	128	582	N.D.	
3) 2-Methylnaphthalene	4.23	142	485	N.D.	
4) 1-Methylnaphthalene	4.34	142	3180	0.13 ug/mL#	85
6) Acenaphthylene	5.13	152	283	N.D.	
7) Acenaphthene	5.31	154	10293	0.46 ug/mL	99
8) Fluorene	5.82	166	4599	0.16 ug/mL	95
10) Phenanthrene	6.79	178	2784	0.07 ug/mL	94
11) Anthracene	6.84	178	508	N.D.	
12) Fluoranthene	7.94	202	765	N.D.	
13) Pyrene	8.16	202	472	N.D.	
15) p-Terphenyl	8.29	230	182417	4.05 ug/mL	100
17) Benzo(a)anthracene	9.29	228	1194	N.D.	
18) Chrysene	9.29	228	1194	N.D.	
20) Benzo(b)fluoranthene	0.00	252	0	N.D.	
21) Benzo(k)fluoranthene	0.00	252	0	N.D.	
22) Benzo(a)pyrene	0.00	252	0	N.D. d	
23) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
24) Dibenzo(a,h)anthracene	0.00	278	0	N.D.	
25) Benzo(g,h,i)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE014.D
Acq On : 10 Jul 2007 18:44
Operator : JWJ
Sample : B705885-01
Misc : @BA00957 8270 pah sim water
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 12 10:41:40 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE015.D
Acq On : 10 Jul 2007 19:02
Operator : JWJ
Sample : B705885-02
Misc : @BA00957 8270 pah sim water
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 10 19:15:29 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration

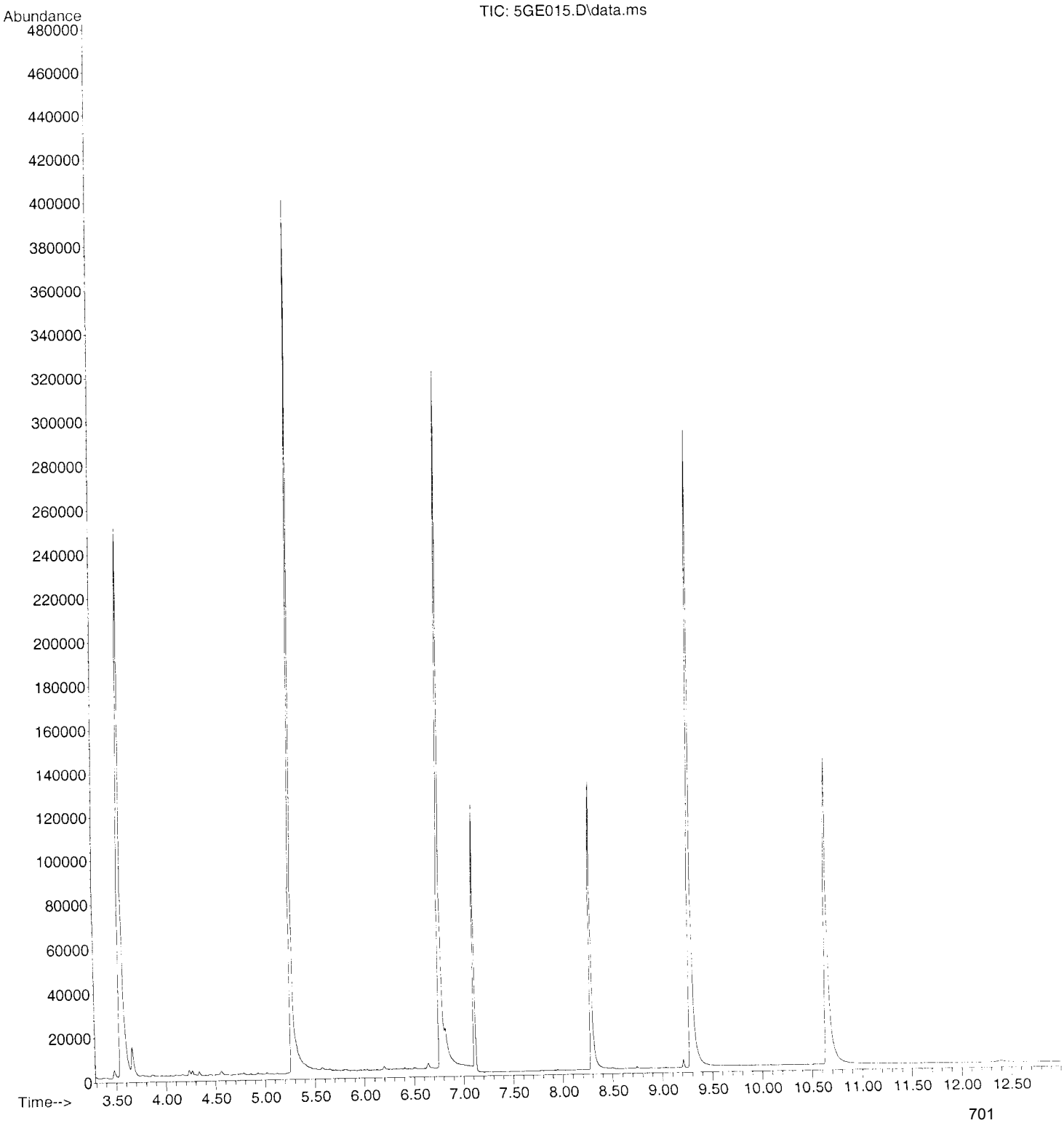
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) NAPHTHALENE-d8	3.55	136	389020	10.00	ug/mL	0.00
5) ACENAPHTHENE-d10	5.27	164	209196	10.00	ug/mL	0.00
9) PHENANTHRENE-d10	6.77	188	333384	10.00	ug/mL	0.00
16) CHRYSENE-d12	9.29	240	378493	10.00	ug/mL	0.00
19) PERYLENE-d12	10.65	264	243493	10.00	ug/mL	0.00
System Monitoring Compounds						
14) p-Terphenyl (b/n surr)	8.29	230	110532	2.50	ug/mL	0.00
Spiked Amount 5.000			Recovery	=	50.00%	
Target Compounds						Qvalue
2) Naphthalene	3.57	128	12463	0.28	ug/mL	97
3) 2-Methylnaphthalene	4.24	142	1616	0.06	ug/mL	94
4) 1-Methylnaphthalene	4.34	142	970	0.04	ug/mL#	70
6) Acenaphthylene	5.14	152	113	N.D.		
7) Acenaphthene	5.31	154	263	N.D.		
8) Fluorene	5.82	166	162	N.D.		
10) Phenanthrene	6.79	178	1017	N.D.		
11) Anthracene	6.84	178	127	N.D.		
12) Fluoranthene	7.95	202	368	N.D.		
13) Pyrene	8.16	202	205	N.D.		
15) p-Terphenyl	8.29	230	110532	2.50	ug/mL	100
17) Benzo(a)anthracene	9.29	228	1223	N.D.		
18) Chrysene	9.29	228	1223	N.D.		
20) Benzo(b)fluoranthene	0.00	252	0	N.D.		
21) Benzo(k)fluoranthene	0.00	252	0	N.D.		
22) Benzo(a)pyrene	10.65	252	875	N.D.		
23) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.		
24) Dibenzo(a,h)anthracene	0.00	278	0	N.D.		
25) Benzo(g,h,i)perylene	0.00	276	0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE015.D
Acq On : 10 Jul 2007 19:02
Operator : JWJ
Sample : B705885-02
Misc : @BA00957 8270 pah sim water
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 10 19:15:29 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE016.D
Acq On : 10 Jul 2007 19:19
Operator : JWJ
Sample : B705885-03
Misc : @BA00957 8270 pah sim water
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 12 10:43:40 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration

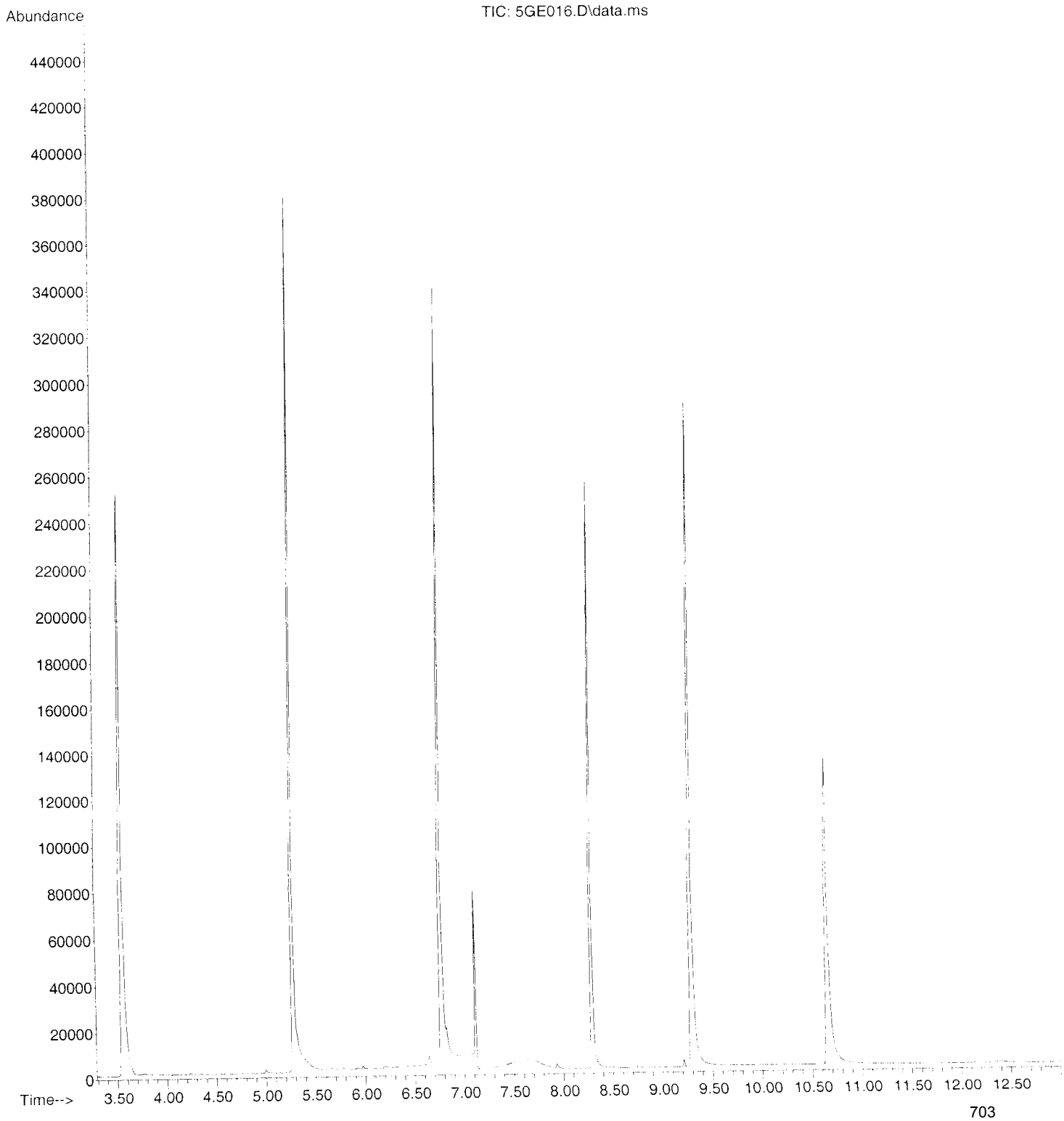
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) NAPHTHALENE-d8	3.55	136	403067	10.00 ug/mL	0.00
5) ACENAPHTHENE-d10	5.27	164	211835	10.00 ug/mL	0.00
9) PHENANTHRENE-d10	6.77	188	375277	10.00 ug/mL	0.00
16) CHRYSENE-d12	9.29	240	373699	10.00 ug/mL	0.00
19) PERYLENE-d12	10.65	264	238468	10.00 ug/mL	0.00
System Monitoring Compounds					
14) p-Terphenyl (b/n surr)	8.29	230	181577	3.66 ug/mL	-0.01
Spiked Amount 5.000			Recovery	= 73.20%	
Target Compounds					Qvalue
2) Naphthalene	3.57	128	331	N.D.	
3) 2-Methylnaphthalene	4.24	142	253	N.D.	
4) 1-Methylnaphthalene	4.34	142	181	N.D.	
6) Acenaphthylene	5.22	152	108	N.D.	
7) Acenaphthene	5.27	154	767	N.D.	
8) Fluorene	5.92	166	144	N.D.	
10) Phenanthrene	6.79	178	270	N.D.	
11) Anthracene	0.00	178	0	N.D.	
12) Fluoranthene	7.95	202	175	N.D.	
13) Pyrene	8.16	202	174	N.D.	
15) p-Terphenyl	8.29	230	181577	3.66 ug/mL	100
17) Benzo(a)anthracene	9.29	228	1106	N.D.	
18) Chrysene	9.29	228	1106	N.D.	
20) Benzo(b)fluoranthene	0.00	252	0	N.D.	
21) Benzo(k)fluoranthene	0.00	252	0	N.D.	
22) Benzo(a)pyrene	0.00	252	0	N.D. d	
23) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
24) Dibenzo(a,h)anthracene	0.00	278	0	N.D.	
25) Benzo(g,h,i)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE016.D
Acq On : 10 Jul 2007 19:19
Operator : JWJ
Sample : B705885-03
Misc : @BA00957 8270 pah sim water
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 12 10:43:40 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE017.D
Acq On : 10 Jul 2007 19:37
Operator : JWJ
Sample : B705885-04
Misc : @BA00957 8270 pah sim water
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 12 10:44:06 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration

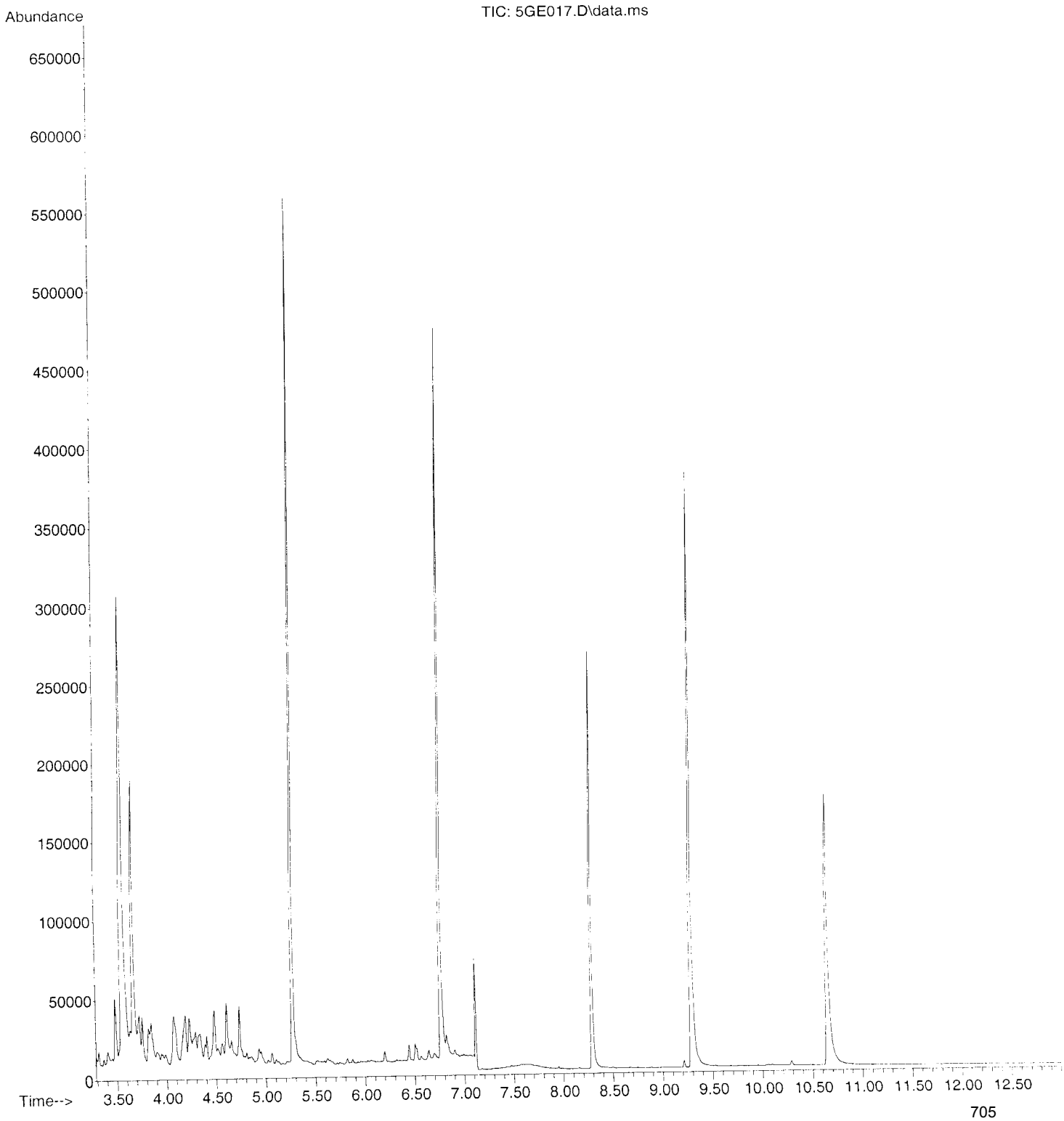
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) NAPHTHALENE-d8	3.55	136	428076	10.00 ug/mL	0.00
5) ACENAPHTHENE-d10	5.27	164	246463	10.00 ug/mL	0.00
9) PHENANTHRENE-d10	6.77	188	404577	10.00 ug/mL	0.00
16) CHRYSENE-d12	9.29	240	415376	10.00 ug/mL	0.00
19) PERYLENE-d12	10.65	264	272426	10.00 ug/mL	0.00
System Monitoring Compounds					
14) p-Terphenyl (b/n surr)	8.29	230	186007	3.47 ug/mL	0.00
Spiked Amount 5.000			Recovery	= 69.40%	
Target Compounds					Qvalue
2) Naphthalene	3.57	128	90925	1.86 ug/mL	99
3) 2-Methylnaphthalene	4.24	142	9777	0.35 ug/mL#	80
4) 1-Methylnaphthalene	4.34	142	4298	0.15 ug/mL#	21
6) Acenaphthylene	5.11	152	1011	N.D.	
7) Acenaphthene	5.31	154	1716	0.06 ug/mL	97
8) Fluorene	5.82	166	1638	0.04 ug/mL	91
10) Phenanthrene	6.79	178	2528	0.05 ug/mL#	43
11) Anthracene	6.84	178	639	N.D.	
12) Fluoranthene	7.95	202	929	N.D.	
13) Pyrene	8.16	202	740	N.D.	
15) p-Terphenyl	8.29	230	186007	3.47 ug/mL	100
17) Benzo(a)anthracene	9.29	228	1326	N.D.	
18) Chrysene	9.29	228	1326	N.D.	
20) Benzo(b)fluoranthene	0.00	252	0	N.D.	
21) Benzo(k)fluoranthene	0.00	252	0	N.D.	
22) Benzo(a)pyrene	0.00	252	0	N.D. d	
23) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
24) Dibenzo(a,h)anthracene	0.00	278	0	N.D.	
25) Benzo(g,h,i)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE017.D
Acq On : 10 Jul 2007 19:37
Operator : JWJ
Sample : B705885-04
Misc : @BA00957 8270 pah sim water
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 12 10:44:06 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE018.D
Acq On : 10 Jul 2007 19:54
Operator : JWJ
Sample : B705885-05
Misc : @BA00957 8270 pah sim water
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 12 10:45:19 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration

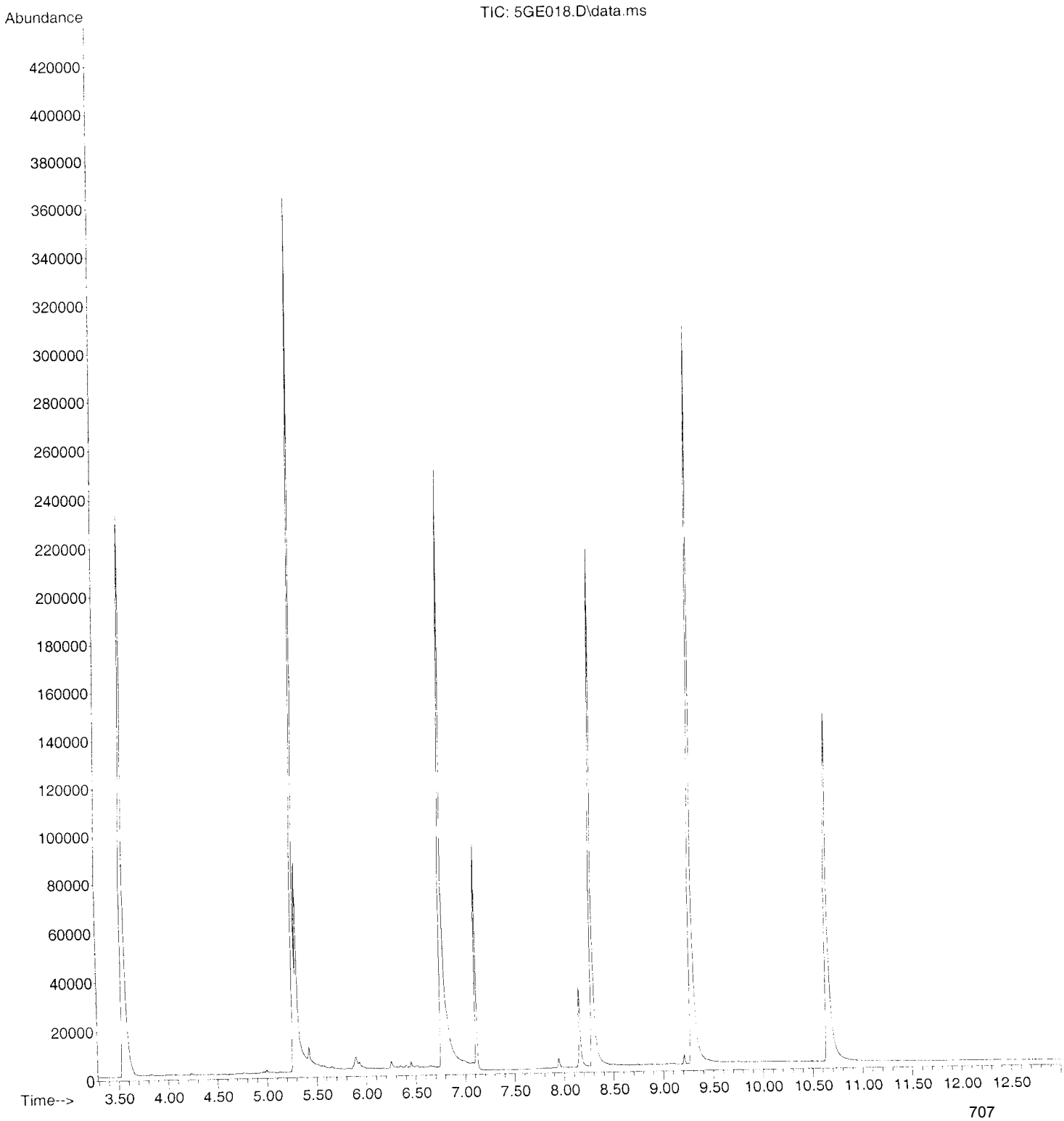
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) NAPHTHALENE-d8	3.55	136	381425	10.00 ug/mL	0.00
5) ACENAPHTHENE-d10	5.27	164	197646	10.00 ug/mL	0.00
9) PHENANTHRENE-d10	6.77	188	355242	10.00 ug/mL	0.00
16) CHRYSENE-d12	9.29	240	381918	10.00 ug/mL	0.00
19) PERYLENE-d12	10.65	264	241496	10.00 ug/mL	0.00
System Monitoring Compounds					
14) p-Terphenyl (b/n surr)	8.29	230	183315	3.90 ug/mL	0.00
Spiked Amount 5.000			Recovery	= 78.00%	
Target Compounds					Qvalue
2) Naphthalene	3.57	128	409	N.D.	
3) 2-Methylnaphthalene	4.23	142	164	N.D.	
4) 1-Methylnaphthalene	4.34	142	121	N.D.	
6) Acenaphthylene	5.13	152	176	N.D.	
7) Acenaphthene	5.31	154	27494	1.15 ug/mL	99
8) Fluorene	5.83	166	288	N.D.	
10) Phenanthrene	6.79	178	1759	0.04 ug/mL	84
11) Anthracene	6.85	178	544	N.D.	
12) Fluoranthene	7.94	202	4800	0.08 ug/mL	93
13) Pyrene	8.16	202	37032	0.60 ug/mL	93
15) p-Terphenyl	8.29	230	183315	3.90 ug/mL	100
17) Benzo(a)anthracene	9.29	228	1840	0.04 ug/mL	91
18) Chrysene	9.31	228	1120	N.D.	
20) Benzo(b)fluoranthene	0.00	252	0	N.D.	
21) Benzo(k)fluoranthene	0.00	252	0	N.D.	
22) Benzo(a)pyrene	10.65	252	740	N.D.	
23) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
24) Dibenzo(a,h)anthracene	0.00	278	0	N.D.	
25) Benzo(g,h,i)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE018.D
Acq On : 10 Jul 2007 19:54
Operator : JWJ
Sample : B705885-05
Misc : @BA00957 8270 pah sim water
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 12 10:45:19 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE019.D
Acq On : 10 Jul 2007 20:12
Operator : JWJ
Sample : B705885-06
Misc : @BA00957 8270 pah sim water
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 12 10:46:00 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration

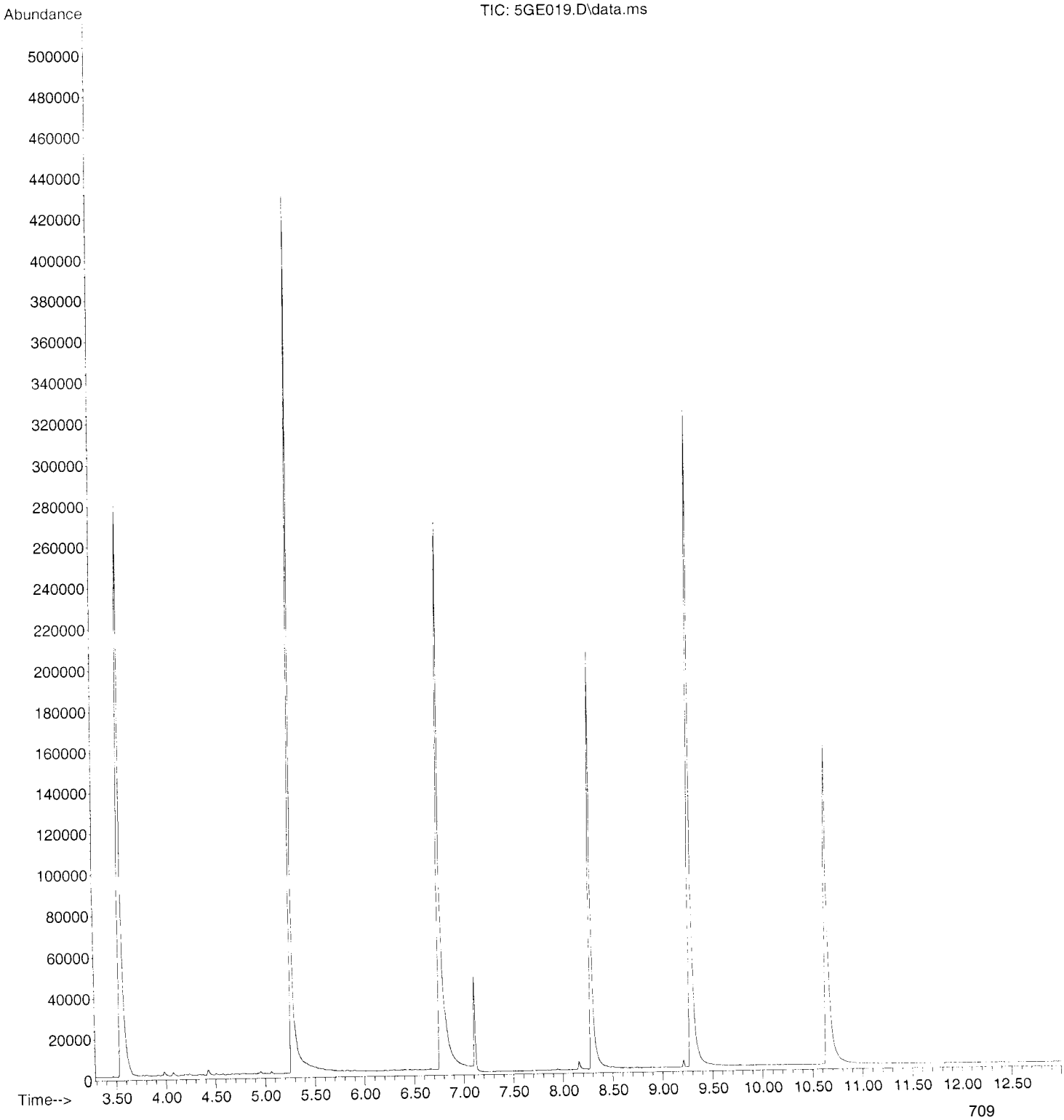
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) NAPHTHALENE-d8	3.55	136	448606	10.00 ug/mL	0.00
5) ACENAPHTHENE-d10	5.27	164	231625	10.00 ug/mL	0.00
9) PHENANTHRENE-d10	6.77	188	409856	10.00 ug/mL	0.00
16) CHRYSENE-d12	9.29	240	438354	10.00 ug/mL	0.00
19) PERYLENE-d12	10.65	264	274928	10.00 ug/mL	0.00
System Monitoring Compounds					
14) p-Terphenyl (b/n surr)	8.29	230	191749	3.53 ug/mL	0.00
Spiked Amount 5.000			Recovery	= 70.60%	
Target Compounds					Qvalue
2) Naphthalene	3.57	128	898	N.D.	
3) 2-Methylnaphthalene	4.24	142	300	N.D.	
4) 1-Methylnaphthalene	4.34	142	200	N.D.	
6) Acenaphthylene	5.31	152	594	N.D.	
7) Acenaphthene	5.31	154	1363	0.05 ug/mL	87
8) Fluorene	5.83	166	272	N.D.	
10) Phenanthrene	6.79	178	193	N.D.	
11) Anthracene	6.85	178	121	N.D.	
12) Fluoranthene	7.95	202	318	N.D.	
13) Pyrene	8.16	202	4999	0.07 ug/mL	96
15) p-Terphenyl	8.29	230	191749	3.53 ug/mL	100
17) Benzo(a)anthracene	9.29	228	1413	N.D.	
18) Chrysene	9.29	228	1413	N.D.	
20) Benzo(b)fluoranthene	0.00	252	0	N.D.	
21) Benzo(k)fluoranthene	0.00	252	0	N.D.	
22) Benzo(a)pyrene	0.00	252	0	N.D. d	
23) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
24) Dibenzo(a,h)anthracene	0.00	278	0	N.D.	
25) Benzo(g,h,i)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE019.D
Acq On : 10 Jul 2007 20:12
Operator : JWJ
Sample : B705885-06
Misc : @BA00957 8270 pah sim water
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 12 10:46:00 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE020.D
Acq On : 10 Jul 2007 20:29
Operator : JWJ
Sample : B705885-07
Misc : @BA00957 8270 pah sim water
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 12 10:46:18 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration

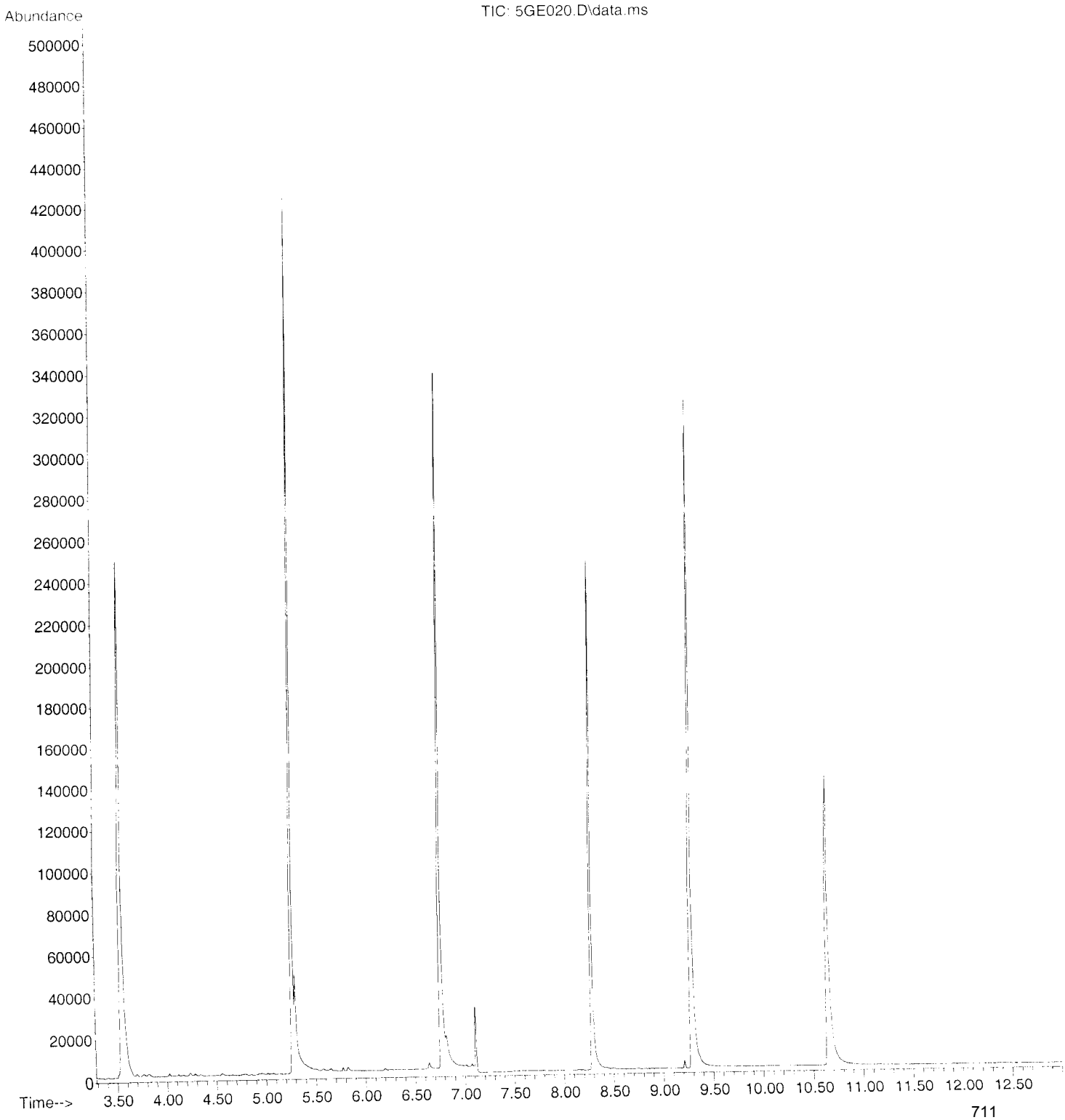
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) NAPHTHALENE-d8	3.55	136	397573	10.00 ug/mL	0.00
5) ACENAPHTHENE-d10	5.27	164	212292	10.00 ug/mL	0.00
9) PHENANTHRENE-d10	6.77	188	340046	10.00 ug/mL	0.00
16) CHRYSENE-d12	9.29	240	378868	10.00 ug/mL	0.00
19) PERYLENE-d12	10.65	264	239202	10.00 ug/mL	0.00
System Monitoring Compounds					
14) p-Terphenyl (b/n surr)	8.29	230	175362	3.90 ug/mL	-0.01
Spiked Amount 5.000			Recovery	= 78.00%	
Target Compounds					Qvalue
2) Naphthalene	3.57	128	717	N.D.	
3) 2-Methylnaphthalene	4.23	142	212	N.D.	
4) 1-Methylnaphthalene	4.34	142	242	N.D.	
6) Acenaphthylene	5.14	152	138	N.D.	
7) Acenaphthene	5.30	154	12143	0.47 ug/mL	100
8) Fluorene	5.82	166	1403	0.04 ug/mL	86
10) Phenanthrene	6.79	178	351	N.D.	
11) Anthracene	0.00	178	0	N.D.	
12) Fluoranthene	7.95	202	192	N.D.	
13) Pyrene	8.16	202	153	N.D.	
15) p-Terphenyl	8.29	230	175362	3.90 ug/mL	100
17) Benzo(a)anthracene	9.29	228	1104	N.D.	
18) Chrysene	9.29	228	1104	N.D.	
20) Benzo(b)fluoranthene	0.00	252	0	N.D.	
21) Benzo(k)fluoranthene	0.00	252	0	N.D.	
22) Benzo(a)pyrene	0.00	252	0	N.D. d	
23) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
24) Dibenzo(a,h)anthracene	0.00	278	0	N.D.	
25) Benzo(g,h,i)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE020.D
Acq On : 10 Jul 2007 20:29
Operator : JWJ
Sample : B705885-07
Misc : @BA00957 8270 pah sim water
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 12 10:46:18 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE021.D
Acq On : 10 Jul 2007 20:46
Operator : JWJ
Sample : B705885-08
Misc : @BA00957 8270 pah sim water
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 12 10:46:26 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration

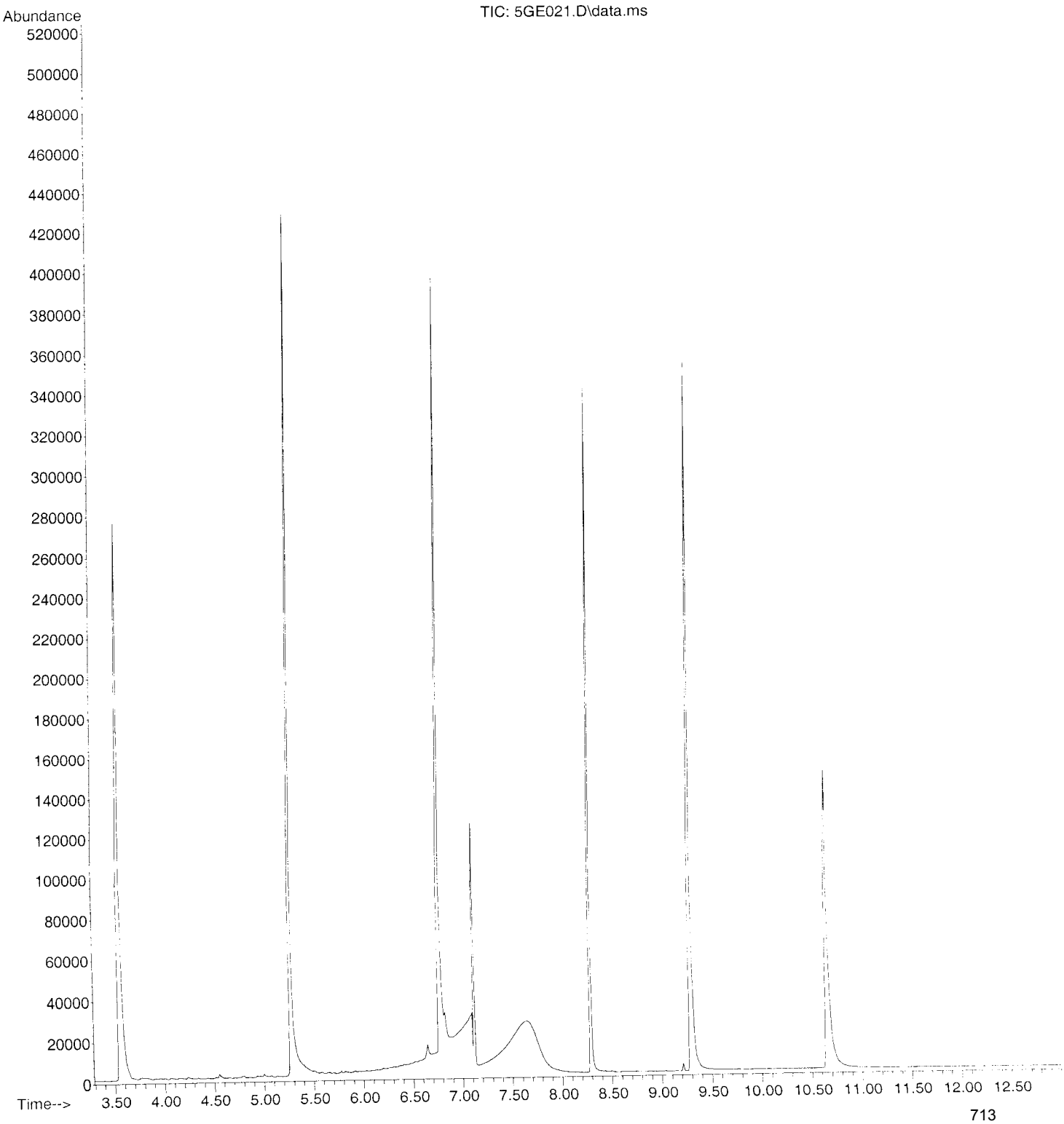
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) NAPHTHALENE-d8	3.55	136	437572	10.00 ug/mL	0.00
5) ACENAPHTHENE-d10	5.27	164	233731	10.00 ug/mL	0.00
9) PHENANTHRENE-d10	6.77	188	382399	10.00 ug/mL	0.00
16) CHRYSENE-d12	9.29	240	405572	10.00 ug/mL	0.00
19) PERYLENE-d12	10.65	264	260024	10.00 ug/mL	0.00
System Monitoring Compounds					
14) p-Terphenyl (b/n surr)	8.29	230	192465	3.80 ug/mL	-0.01
Spiked Amount 5.000			Recovery	= 76.00%	
Target Compounds					Qvalue
2) Naphthalene	3.57	128	466	N.D.	
3) 2-Methylnaphthalene	4.24	142	148	N.D.	
4) 1-Methylnaphthalene	4.34	142	151	N.D.	
6) Acenaphthylene	5.31	152	326	N.D.	
7) Acenaphthene	5.31	154	676	N.D.	
8) Fluorene	5.83	166	227	N.D.	
10) Phenanthrene	6.79	178	266	N.D.	
11) Anthracene	0.00	178	0	N.D.	
12) Fluoranthene	7.96	202	193	N.D.	
13) Pyrene	8.16	202	114	N.D.	
15) p-Terphenyl	8.29	230	192465	3.80 ug/mL	100
17) Benzo(a)anthracene	9.29	228	1183	N.D.	
18) Chrysene	9.29	228	1183	N.D.	
20) Benzo(b)fluoranthene	0.00	252	0	N.D.	
21) Benzo(k)fluoranthene	0.00	252	0	N.D.	
22) Benzo(a)pyrene	0.00	252	0	N.D. d	
23) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
24) Dibenzo(a,h)anthracene	0.00	278	0	N.D.	
25) Benzo(g,h,i)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE021.D
Acq On : 10 Jul 2007 20:46
Operator : JWJ
Sample : B705885-08
Misc : @BA00957 8270 pah sim water
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 12 10:46:26 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE022.D
Acq On : 10 Jul 2007 21:04
Operator : JWJ
Sample : B706062-01
Misc : @BA00957 8270 pah sim water
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 12 10:47:01 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration

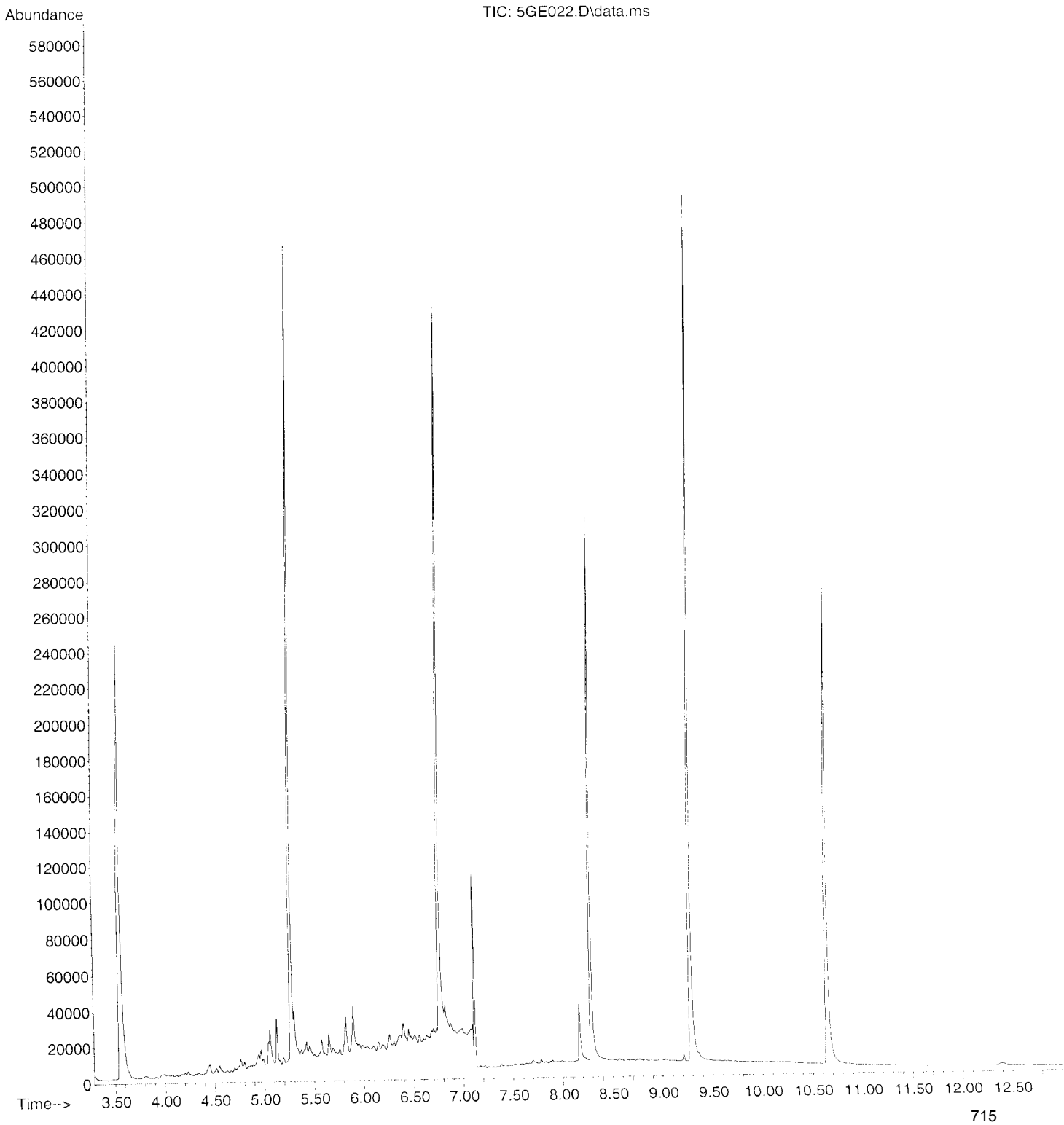
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) NAPHTHALENE-d8	3.55	136	389752	10.00 ug/mL	0.00
5) ACENAPHTHENE-d10	5.27	164	217607	10.00 ug/mL	0.00
9) PHENANTHRENE-d10	6.77	188	366363	10.00 ug/mL	0.00
16) CHRYSENE-d12	9.29	240	433565	10.00 ug/mL	0.00
19) PERYLENE-d12	10.65	264	306334	10.00 ug/mL	0.00
System Monitoring Compounds					
14) p-Terphenyl (b/n surr)	8.29	230	195165	4.02 ug/mL	-0.01
Spiked Amount 5.000			Recovery	= 80.40%	
Target Compounds					Qvalue
2) Naphthalene	3.57	128	1456	0.03 ug/mL#	1
3) 2-Methylnaphthalene	4.24	142	303	N.D.	
4) 1-Methylnaphthalene	4.34	142	546	N.D.	
6) Acenaphthylene	0.00	152	0	N.D. d	
7) Acenaphthene	5.31	154	5539	0.21 ug/mL	96
8) Fluorene	5.82	166	11390	0.35 ug/mL	100
10) Phenanthrene	6.79	178	583	N.D.	
11) Anthracene	6.84	178	2310	0.05 ug/mL#	71
12) Fluoranthene	7.94	202	337	N.D.	
13) Pyrene	8.16	202	1145	N.D.	
15) p-Terphenyl	8.29	230	195165	4.02 ug/mL	100
17) Benzo(a)anthracene	9.29	228	1399	N.D.	
18) Chrysene	9.29	228	1399	N.D.	
20) Benzo(b)fluoranthene	0.00	252	0	N.D.	
21) Benzo(k)fluoranthene	0.00	252	0	N.D.	
22) Benzo(a)pyrene	0.00	252	0	N.D. d	
23) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
24) Dibenzo(a,h)anthracene	0.00	278	0	N.D.	
25) Benzo(g,h,i)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE022.D
Acq On : 10 Jul 2007 21:04
Operator : JWJ
Sample : B706062-01
Misc : @BA00957 8270 pah sim water
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 12 10:47:01 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE023.D
Acq On : 10 Jul 2007 21:21
Operator : JWJ
Sample : B706062-02
Misc : @BA00957 8270 pah sim water
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 12 10:48:38 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration

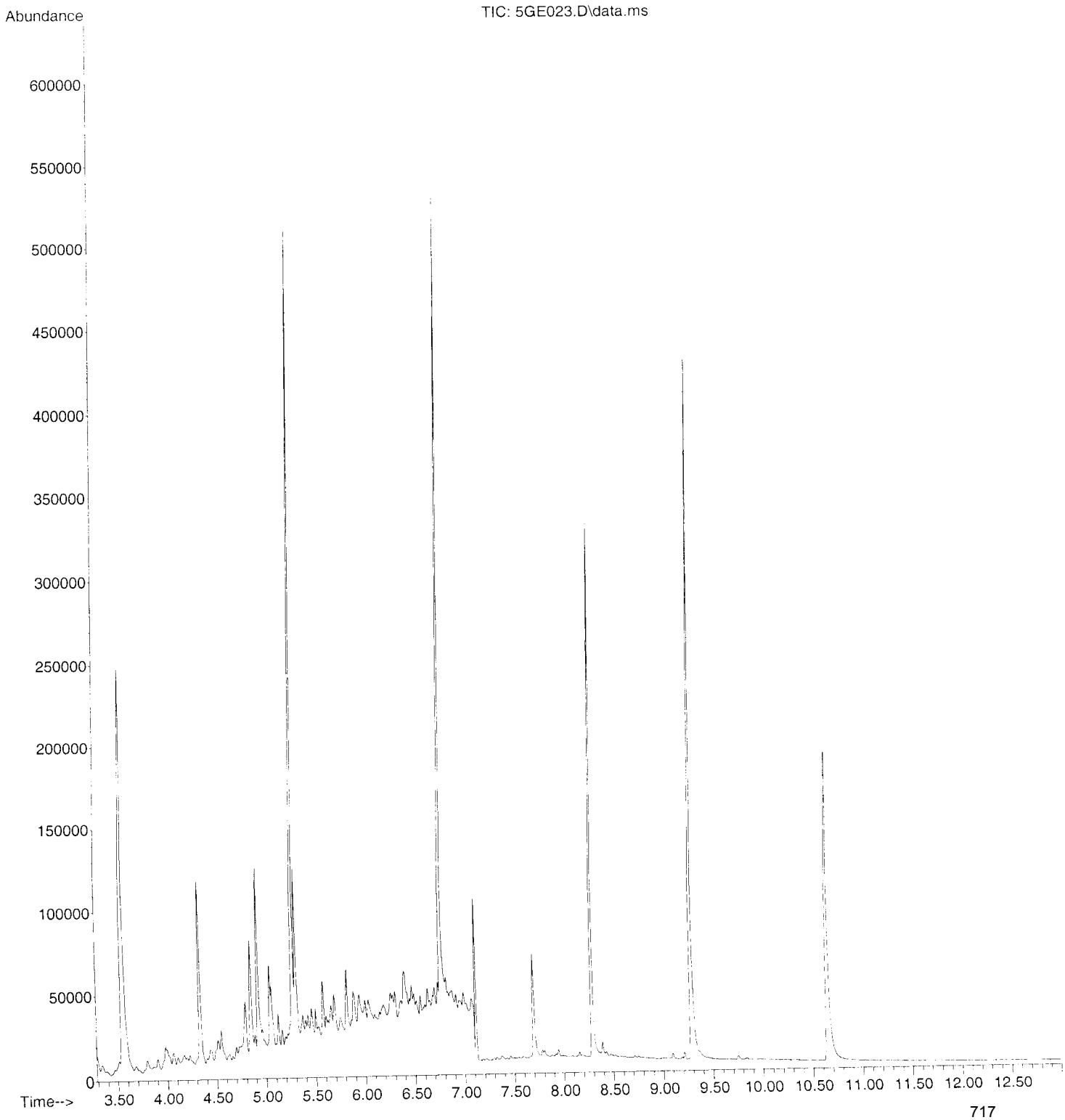
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) NAPHTHALENE-d8	3.55	136	381382	10.00 ug/mL	0.00
5) ACENAPHTHENE-d10	5.27	164	220957	10.00 ug/mL	0.00
9) PHENANTHRENE-d10	6.77	188	379071	10.00 ug/mL	0.00
16) CHRYSENE-d12	9.29	240	404671	10.00 ug/mL	0.00
19) PERYLENE-d12	10.65	264	262550	10.00 ug/mL	0.00
System Monitoring Compounds					
14) p-Terphenyl (b/n surr)	8.29	230	200439	3.99 ug/mL	-0.01
Spiked Amount 5.000			Recovery	= 79.80%	
Target Compounds					Qvalue
2) Naphthalene	3.57	128	9321m	0.21 ug/mL	
3) 2-Methylnaphthalene	4.23	142	815	0.03 ug/mL#	70
4) 1-Methylnaphthalene	4.34	142	56173	2.17 ug/mL	94
6) Acenaphthylene	0.00	152	0	N.D. d	
7) Acenaphthene	5.31	154	27419	1.02 ug/mL	98
8) Fluorene	5.82	166	15888	0.48 ug/mL	100
10) Phenanthrene	6.79	178	3116	0.07 ug/mL	90
11) Anthracene	6.84	178	1309	N.D.	
12) Fluoranthene	7.94	202	3268	0.05 ug/mL#	42
13) Pyrene	8.16	202	2405	0.04 ug/mL	81
15) p-Terphenyl	8.29	230	200439	3.99 ug/mL	100
17) Benzo(a)anthracene	9.29	228	1262	N.D.	
18) Chrysene	9.29	228	1262	N.D.	
20) Benzo(b)fluoranthene	0.00	252	0	N.D.	
21) Benzo(k)fluoranthene	0.00	252	0	N.D.	
22) Benzo(a)pyrene	0.00	252	0	N.D. d	
23) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
24) Dibenzo(a,h)anthracene	0.00	278	0	N.D.	
25) Benzo(g,h,i)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE023.D
Acq On : 10 Jul 2007 21:21
Operator : JWJ
Sample : B706062-02
Misc : @BA00957 8270 pah sim water
ALS Vial : 23 Sample Multiplier: 1

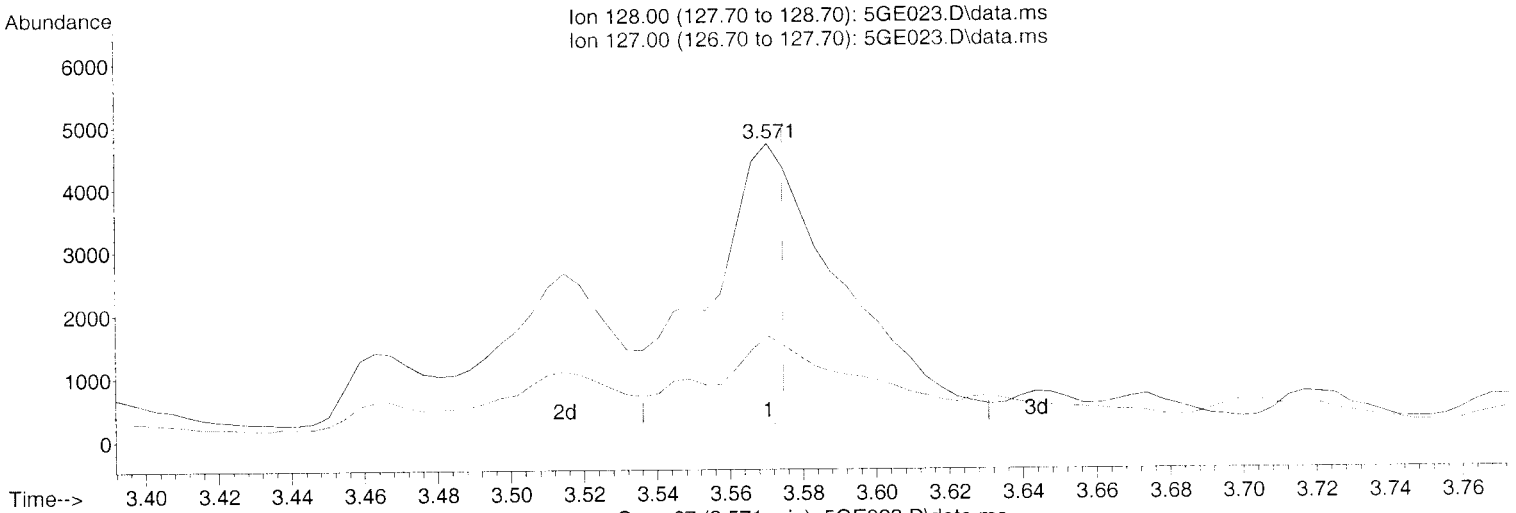
Quant Time: Jul 12 10:48:38 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration

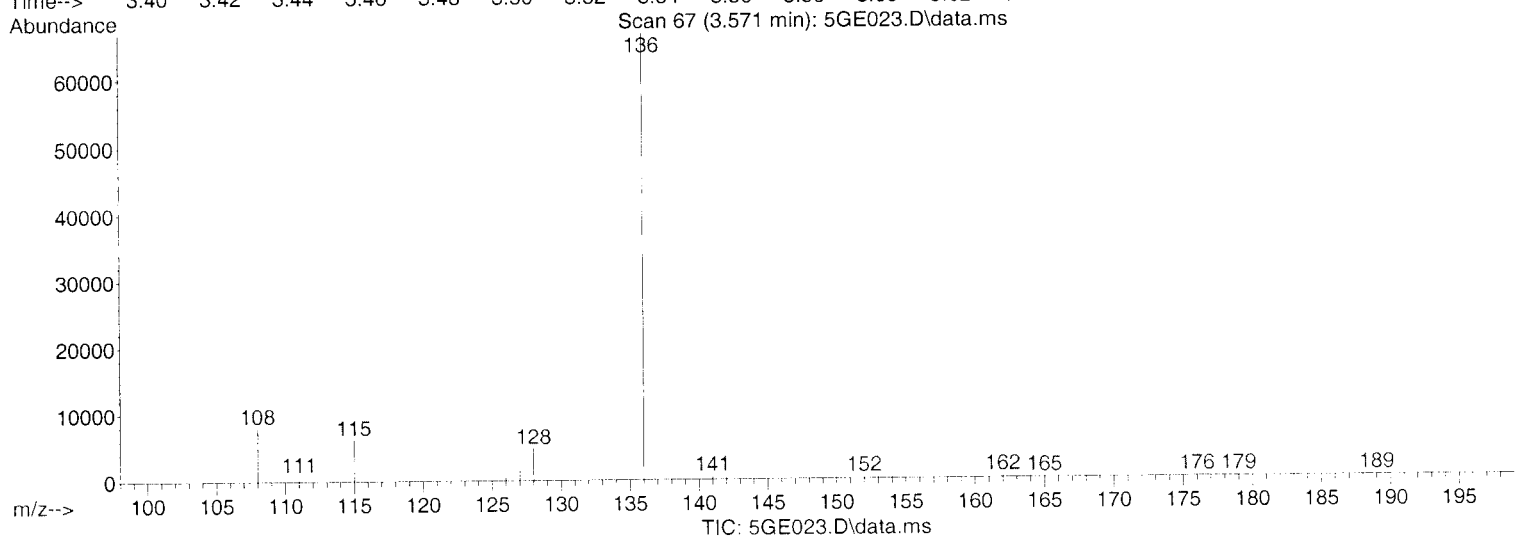


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE023.D
Acq On : 10 Jul 2007 21:21
Operator : JWJ
Sample : B706062-02
Misc : @BA00957 8270 pah sim water
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 10 21:34:42 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration





(2) Naphthalene

3.571min (-0.004) 0.21ug/mL m

response 9321

Ion	Exp%	Act%
128.00	100	100
127.00	14.30	23.15
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE024.D
Acq On : 10 Jul 2007 21:38
Operator : JWJ
Sample : B706062-03
Misc : @BA00957 8270 pah sim water
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 12 10:50:33 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration

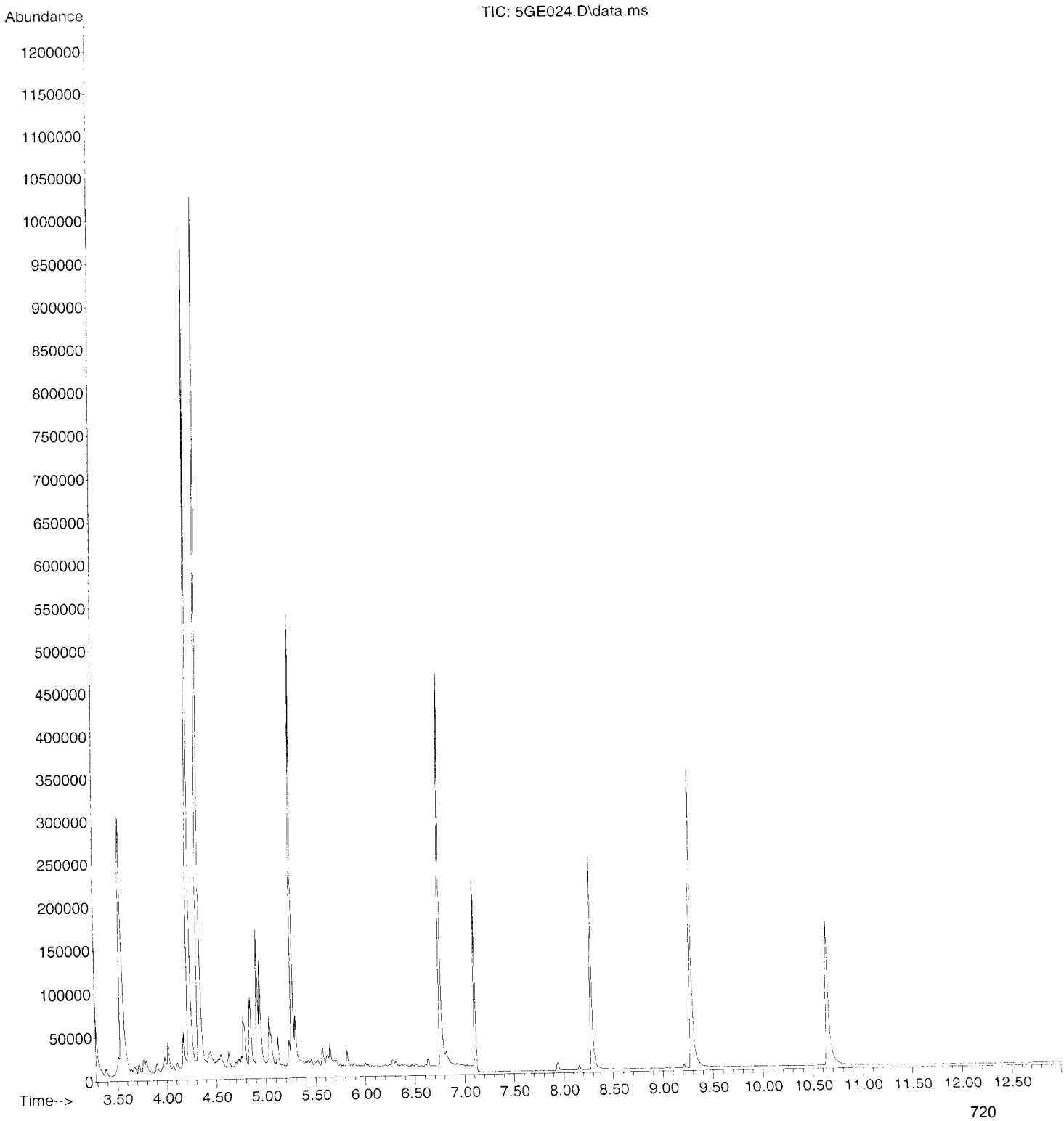
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) NAPHTHALENE-d8	3.54	136	433280	10.00	ug/mL	0.00
5) ACENAPHTHENE-d10	5.27	164	242632	10.00	ug/mL	0.00
9) PHENANTHRENE-d10	6.77	188	404131	10.00	ug/mL	0.00
16) CHRYSENE-d12	9.29	240	421176	10.00	ug/mL	0.00
19) PERYLENE-d12	10.65	264	273417	10.00	ug/mL	0.00
System Monitoring Compounds						
14) p-Terphenyl (b/n surr)	8.29	230	191393	3.58	ug/mL	-0.01
Spiked Amount 5.000			Recovery	=	71.60%	
Target Compounds						Qvalue
2) Naphthalene	3.57	128	27460m	0.55	ug/mL	
3) 2-Methylnaphthalene	4.23	142	498254	17.87	ug/mL	98
4) 1-Methylnaphthalene	4.34	142	484311	16.45	ug/mL	97
6) Acenaphthylene	0.00	152	0	N.D.	d	
7) Acenaphthene	5.31	154	15338	0.52	ug/mL	100
8) Fluorene	5.82	166	8692	0.24	ug/mL	99
10) Phenanthrene	6.79	178	3992	0.08	ug/mL	97
11) Anthracene	6.84	178	941	N.D.		
12) Fluoranthene	0.00	202	0	N.D.	d	
13) Pyrene	8.16	202	6121	0.09	ug/mL	92
15) p-Terphenyl	8.29	230	191393	3.58	ug/mL	100
17) Benzo(a)anthracene	0.00	228	0	N.D.	d	
18) Chrysene	9.29	228	1787	N.D.		
20) Benzo(b)fluoranthene	0.00	252	0	N.D.		
21) Benzo(k)fluoranthene	0.00	252	0	N.D.		
22) Benzo(a)pyrene	0.00	252	0	N.D.	d	
23) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.		
24) Dibenzo(a,h)anthracene	0.00	278	0	N.D.		
25) Benzo(g,h,i)perylene	0.00	276	0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE024.D
Acq On : 10 Jul 2007 21:38
Operator : JWJ
Sample : B706062-03
Misc : @BA00957 8270 pah sim water
ALS Vial : 24 Sample Multiplier: 1

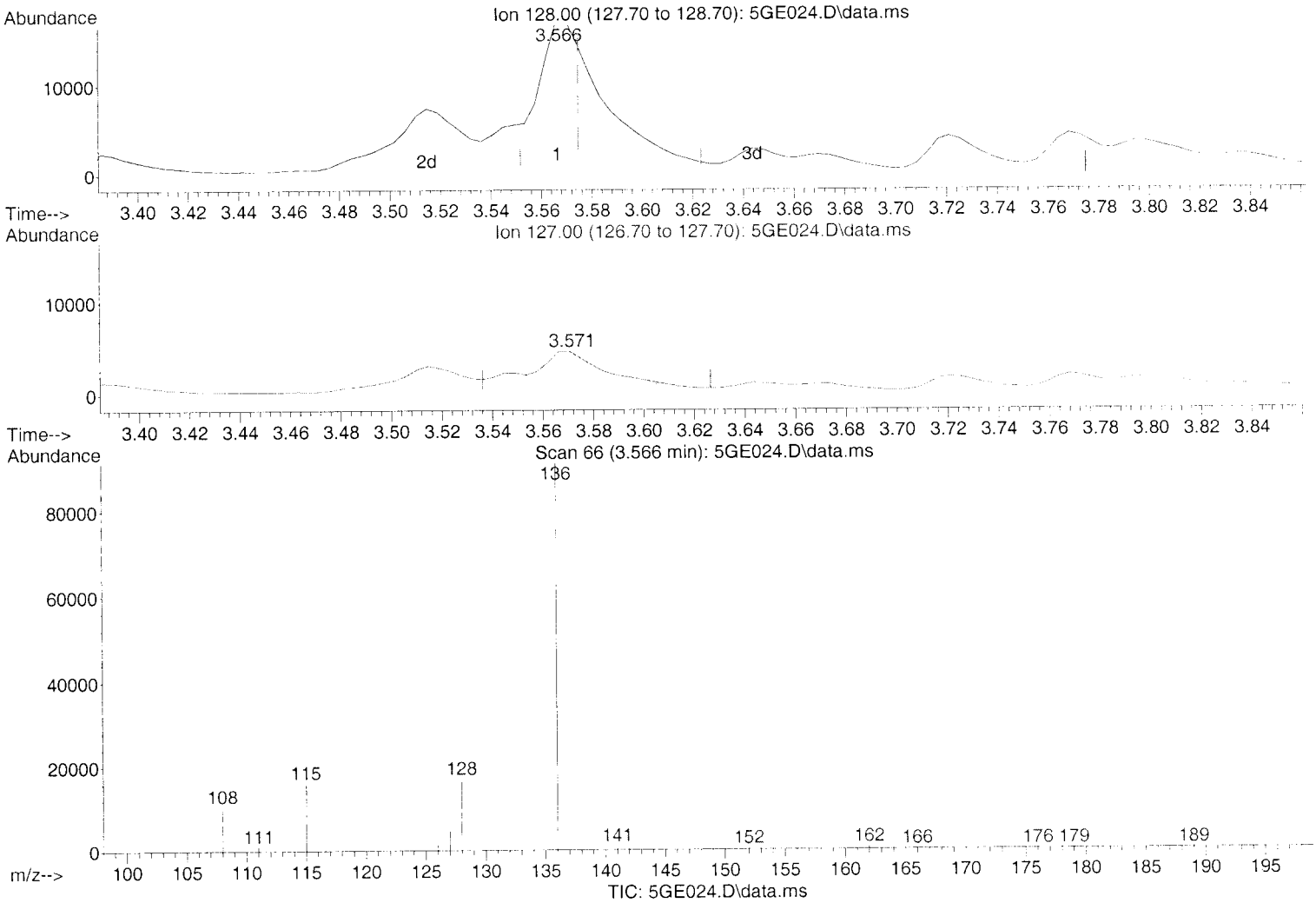
Quant Time: Jul 12 10:50:33 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE024.D
Acq On : 10 Jul 2007 21:38
Operator : JWJ
Sample : B706062-03
Misc : @BA00957 8270 pah sim water
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 10 21:52:05 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration



(2) Naphthalene

3.566min (-0.009) 0.55ug/mL m

response 27460

Ion	Exp%	Act%
128.00	100	100
127.00	14.30	18.61
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE025.D
Acq On : 10 Jul 2007 21:56
Operator : JWJ
Sample : B706062-04
Misc : @BA00957 8270 pah sim water
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 12 10:51:33 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration

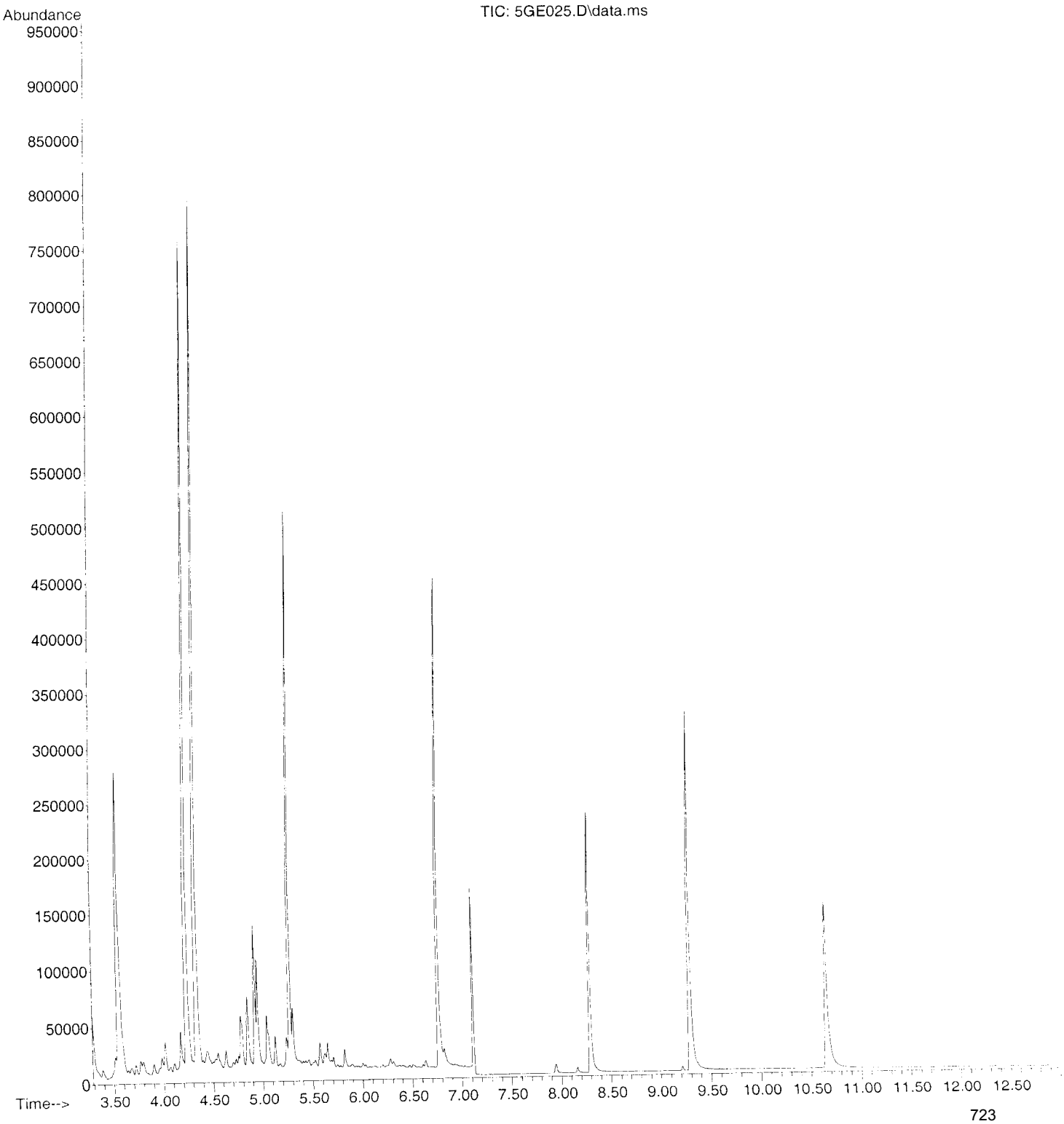
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) NAPHTHALENE-d8	3.55	136	416570	10.00 ug/mL	0.00
5) ACENAPHTHENE-d10	5.27	164	232183	10.00 ug/mL	0.00
9) PHENANTHRENE-d10	6.77	188	382985	10.00 ug/mL	0.00
16) CHRYSENE-d12	9.29	240	399398	10.00 ug/mL	0.00
19) PERYLENE-d12	10.65	264	250072	10.00 ug/mL	0.00
System Monitoring Compounds					
14) p-Terphenyl (b/n surr)	8.29	230	186275	3.67 ug/mL	0.00
Spiked Amount 5.000			Recovery	= 73.40%	
Target Compounds					Qvalue
2) Naphthalene	3.57	128	24896m	0.52 ug/mL	
3) 2-Methylnaphthalene	4.23	142	400852	14.95 ug/mL	98
4) 1-Methylnaphthalene	4.34	142	388448	13.72 ug/mL	97
6) Acenaphthylene	0.00	152	0	N.D. d	
7) Acenaphthene	5.31	154	13393	0.48 ug/mL	99
8) Fluorene	5.82	166	7409	0.21 ug/mL	96
10) Phenanthrene	6.79	178	3622	0.08 ug/mL	95
11) Anthracene	6.93	178	1057	N.D.	
12) Fluoranthene	0.00	202	0	N.D. d	
13) Pyrene	8.16	202	5830	0.09 ug/mL	92
15) p-Terphenyl	8.29	230	186275	3.67 ug/mL	100
17) Benzo(a)anthracene	0.00	228	0	N.D. d	
18) Chrysene	0.00	228	0	N.D. d	
20) Benzo(b)fluoranthene	0.00	252	0	N.D.	
21) Benzo(k)fluoranthene	0.00	252	0	N.D.	
22) Benzo(a)pyrene	0.00	252	0	N.D. d	
23) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
24) Dibenzo(a,h)anthracene	0.00	278	0	N.D.	
25) Benzo(g,h,i)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE025.D
Acq On : 10 Jul 2007 21:56
Operator : JWJ
Sample : B706062-04
Misc : @BA00957 8270 pah sim water
ALS Vial : 25 Sample Multiplier: 1

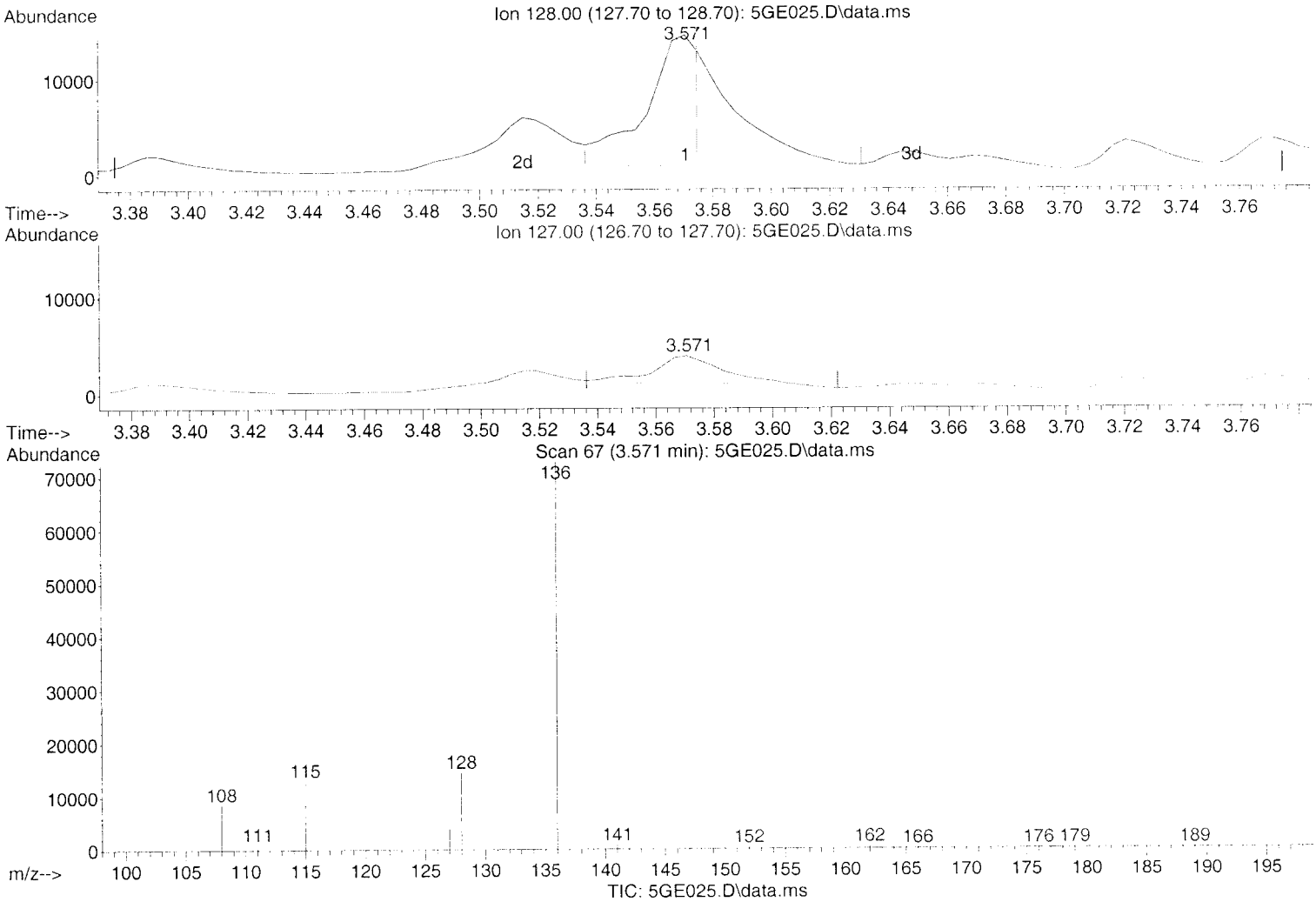
Quant Time: Jul 12 10:51:33 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE025.D
Acq On : 10 Jul 2007 21:56
Operator : JWJ
Sample : B706062-04
Misc : @BA00957 8270 pah sim water
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 10 22:09:24 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration



(2) Naphthalene

3.571min (-0.004) 0.52ug/mL m

response 24896

Ion	Exp%	Act%
128.00	100	100
127.00	14.30	16.32
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE026.D
Acq On : 10 Jul 2007 22:13
Operator : JWJ
Sample : B706062-05
Misc : @BA00957 8270 pah sim water
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jul 12 10:52:22 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration

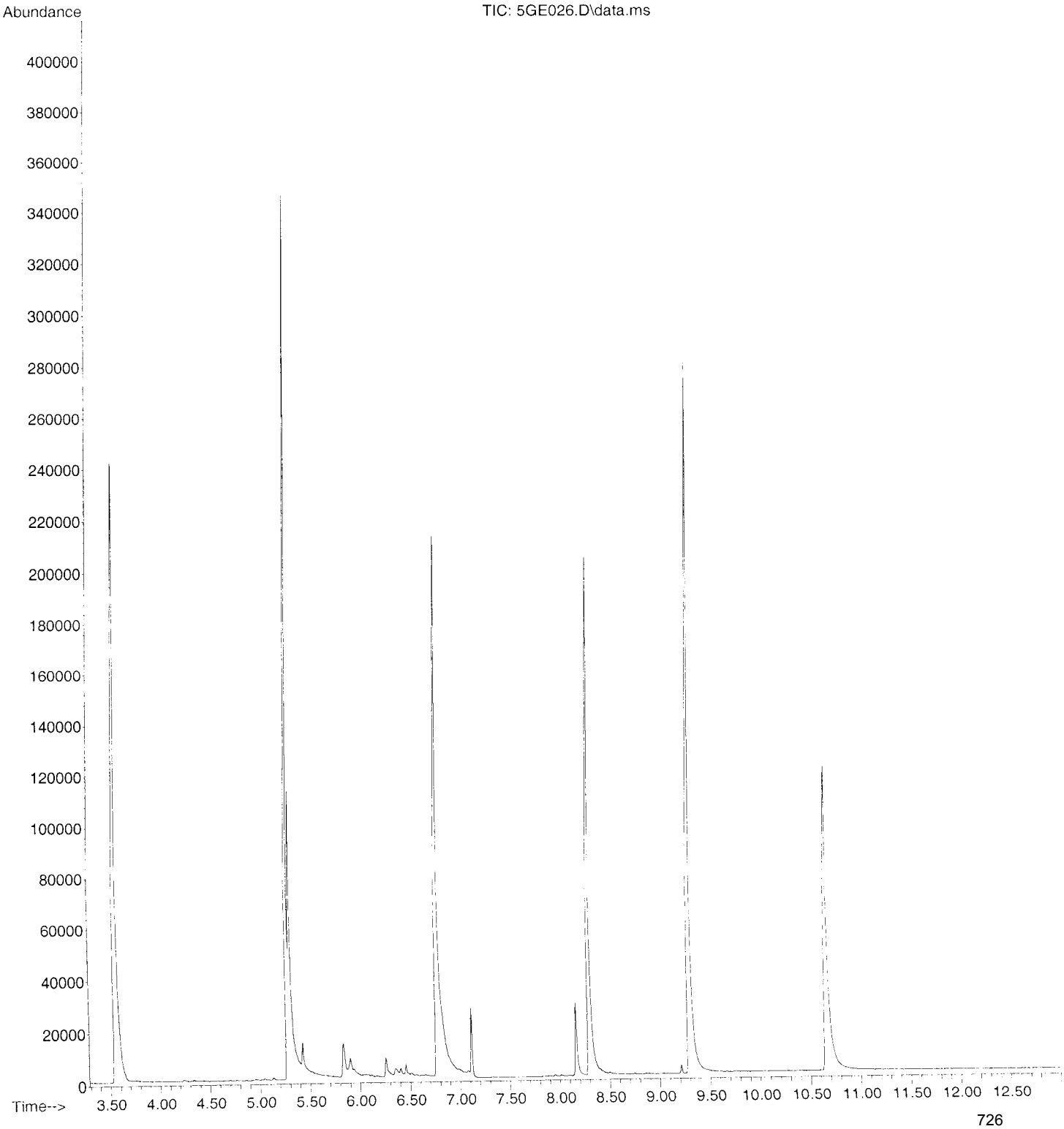
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) NAPHTHALENE-d8	3.55	136	395872	10.00 ug/mL	0.00
5) ACENAPHTHENE-d10	5.27	164	200441	10.00 ug/mL	0.00
9) PHENANTHRENE-d10	6.77	188	355044	10.00 ug/mL	0.00
16) CHRYSENE-d12	9.29	240	375610	10.00 ug/mL	0.00
19) PERYLENE-d12	10.66	264	226641	10.00 ug/mL	0.00
System Monitoring Compounds					
14) p-Terphenyl (b/n surr)	8.29	230	197730	4.21 ug/mL	0.00
Spiked Amount 5.000			Recovery	= 84.20%	
Target Compounds					Qvalue
2) Naphthalene	3.57	128	502	N.D.	
3) 2-Methylnaphthalene	4.24	142	439	N.D.	
4) 1-Methylnaphthalene	4.34	142	315	N.D.	
6) Acenaphthylene	5.13	152	201	N.D.	
7) Acenaphthene	5.31	154	39640	1.63 ug/mL	98
8) Fluorene	5.83	166	11637	0.39 ug/mL	94
10) Phenanthrene	6.79	178	4150	0.10 ug/mL	89
11) Anthracene	6.85	178	3393	0.07 ug/mL#	72
12) Fluoranthene	7.95	202	725	N.D.	
13) Pyrene	8.16	202	33302	0.54 ug/mL	93
15) p-Terphenyl	8.29	230	197730	4.21 ug/mL	100
17) Benzo(a)anthracene	9.29	228	1239	N.D.	
18) Chrysene	9.31	228	465	N.D.	
20) Benzo(b)fluoranthene	0.00	252	0	N.D.	
21) Benzo(k)fluoranthene	0.00	252	0	N.D.	
22) Benzo(a)pyrene	0.00	252	0	N.D. d	
23) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
24) Dibenzo(a,h)anthracene	0.00	278	0	N.D.	
25) Benzo(g,h,i)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5GE\
InstName : JSVGCMS1
Data File : 5GE026.D
Acq On : 10 Jul 2007 22:13
Operator : JWJ
Sample : B706062-05
Misc : @BA00957 8270 pah sim water
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jul 12 10:52:22 2007
Quant Method : C:\MSDCHEM\1\METHODS\SIM-5GD.M
Quant Title : 8270/PAH/SIM curve SIM-5GD (0707002) (25ug/mL)
QLast Update : Tue Jul 10 11:06:55 2007
Response via : Initial Calibration



PREP LOGS

PREPARATION BENCH SHEET

Analysis
8270C PAH SIM

7G09002
ENCO Jacksonville

Prepared using: EPA 3510C_MS

Printed: 7/9/2007 7:30:07AM

Surrogate Solution
B7E0172 8270/pah/sim water surrogate

Spiking Solution
B7E0036 8270/pah/sim water spike

Matrix: Water

Lab Number	Code	Sample ID, Source and Sample Location		Due Date	Analysis	Prepared	Initial (mL)	Final (mL)	ul Spike	ul Surrogate	pH adj	Extraction Comments
7G09002-BLK1		Blank			QC	7-9-07	500	0.5	0	500		B7E0131 Added
7G09002-BS1		LCS			QC				500	500		
7G09002-MS1		Matrix Spike [B706062-01]			QC				500	500		
7G09002-MSD1		Matrix Spike Dup [B706062-01]			QC				500	500		
B705885-01	D	JAX25-MW13-20070705	A[E21]	12-Jul-07	8270C PAH SIM					500		
B705885-02	D	JAX25-MW04-20070705	A[E21]	12-Jul-07	8270C PAH SIM					500		
B705885-03	D	JAX25-MW12-20070705	A[E21]	12-Jul-07	8270C PAH SIM					500		
B705885-04	D	JAX25-MW03-20070705	A[E21]	12-Jul-07	8270C PAH SIM					500		
B705885-05	D	JAX25-MW07-20070705	A[E21]	12-Jul-07	8270C PAH SIM					500		
B705885-06	D	JAX25-MW01-20070705	A[E21]	12-Jul-07	8270C PAH SIM					500		
B705885-07	D	JAX25-MW02-20070705	A[E21]	12-Jul-07	8270C PAH SIM					500		
B705885-08	D	JAX25-MW11-20070705	A[E21]	12-Jul-07	8270C PAH SIM					500		
B706062-01	D	JAX25-MW14-20070706	A[E22]	13-Jul-07	8270C PAH SIM					500		
B706062-02	D	JAX25-MW15-20070706	A[E22]	13-Jul-07	8270C PAH SIM					500		
B706062-03	D	JAX25-MW09-20070706	A[E22]	13-Jul-07	8270C PAH SIM					500		
B706062-04	D	JAX25-DUP-20070706	A[E22]	13-Jul-07	8270C PAH SIM					500		
B706062-05	D	JAX25-MW05-20070706	A[E22]	13-Jul-07	8270C PAH SIM					500		

728

Spiking Witnessed By Date

Preparation Reviewed By 7-9-07 Date

Extracts Received By Date

C:\ELMNT\Print\bch_ENCO_EXT.rpt

PREPARATION BENCH SHEET

Analysis
8270C PAH SIM

7G09002

ENCO Jacksonville

Prepared using: EPA 3510C_MS

Printed: 7/9/2007 7:30:07AM

Surrogate Solution
B7E0172 8270/pah/sim water surrogate

Spiking Solution
B7E0036 8270/pah/sim water spike

Matrix: Water

Lab Number	Code	Sample ID, Source and Sample Location	Due Date	Analysis	Prepared	Initial (mL)	Final (mL)	ul Spike	ul Surrogate	pH adj	Extraction Comments

Start Date/Time _____

StopDate/Time _____

Standard ID#	Description	Manufacture Lot#
B7D0073	SODIUM SULFATE	
B7G0031	Methylene Chloride Tank	Solvent Lot # 62756

729

Spiking Witnessed By _____ Date _____

Preparation Reviewed By [signature] Date 7-9-07

Extracts Received By _____ Date _____

C:\ELMNT\Print\bch_ENCO_EXT.rpt

MAY 2008

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX-PCA25-MW11-051308	**Units:**	ug/L
Lab Code:	J0802283-001	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.17	1	05/15/08	05/15/08	JWG0801833	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.14	1	05/15/08	05/15/08	JWG0801833	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	05/15/08	05/15/08	JWG0801833	
1,1-Dichloroethane	ND	U	1.0	0.23	1	05/15/08	05/15/08	JWG0801833	
1,1-Dichloroethene	ND	U	1.0	0.27	1	05/15/08	05/15/08	JWG0801833	
1,2,4-Trichlorobenzene	ND	U	10	0.97	1	05/15/08	05/15/08	JWG0801833	
1,2-Dichlorobenzene	ND	U	1.0	0.34	1	05/15/08	05/15/08	JWG0801833	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.18	1	05/15/08	05/15/08	JWG0801833	
1,2-Dichloropropane	ND	U	1.0	0.18	1	05/15/08	05/15/08	JWG0801833	
1,3-Dichlorobenzene	ND	U	1.0	0.34	1	05/15/08	05/15/08	JWG0801833	
1,4-Dichlorobenzene	ND	U	1.0	0.21	1	05/15/08	05/15/08	JWG0801833	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.56	1	05/15/08	05/15/08	JWG0801833	
Benzene	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801833	
Bromodichloromethane	ND	U	1.0	0.15	1	05/15/08	05/15/08	JWG0801833	
Bromoform	ND	U	1.0	0.24	1	05/15/08	05/15/08	JWG0801833	
Bromomethane	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801833	
Carbon Tetrachloride	ND	U	1.0	0.26	1	05/15/08	05/15/08	JWG0801833	
Chlorobenzene	ND	U	1.0	0.19	1	05/15/08	05/15/08	JWG0801833	
Chloroethane	ND	U	1.0	0.24	1	05/15/08	05/15/08	JWG0801833	
Chloroform	ND	U	1.0	0.18	1	05/15/08	05/15/08	JWG0801833	
Chloromethane	ND	U	1.0	0.21	1	05/15/08	05/15/08	JWG0801833	
cis-1,2-Dichloroethene	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801833	
cis-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/15/08	05/15/08	JWG0801833	
Dibromochloromethane	ND	UJ	1.0	0.25	1	05/15/08	05/15/08	JWG0801833	J(3)
Dichlorodifluoromethane	ND	U	5.0	0.25	1	05/15/08	05/15/08	JWG0801833	
Ethylbenzene	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801833	
m,p-Xylenes	ND	U	2.0	0.47	1	05/15/08	05/15/08	JWG0801833	
Methyl tert-Butyl Ether	ND	U	2.0	0.16	1	05/15/08	05/15/08	JWG0801833	
Methylene Chloride	ND	U	5.0	0.51	1	05/15/08	05/15/08	JWG0801833	
o-Xylene	ND	U	1.0	0.25	1	05/15/08	05/15/08	JWG0801833	
Tetrachloroethene (PCE)	ND	U	1.0	0.44	1	05/15/08	05/15/08	JWG0801833	
Toluene	ND	U	1.0	0.14	1	05/15/08	05/15/08	JWG0801833	
trans-1,2-Dichloroethene	ND	U	1.0	0.22	1	05/15/08	05/15/08	JWG0801833	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX-PCA25-MW11-051308	**Units:**	ug/L
Lab Code:	J0802283-001	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
trans-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/15/08	05/15/08	JWG0801833	
Trichloroethene (TCE)	ND	U	1.0	0.23	1	05/15/08	05/15/08	JWG0801833	
Trichlorofluoromethane	ND	U	1.0	0.26	1	05/15/08	05/15/08	JWG0801833	
Vinyl Chloride	ND	U	1.0	0.23	1	05/15/08	05/15/08	JWG0801833	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	89	75-120	05/15/08	Acceptable
Dibromofluoromethane	102	82-116	05/15/08	Acceptable
Toluene-d8	120	88-117	05/15/08	Outside Control Limits

† **Analyte Comments**

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech NUS, Inc.
Project: PCA25/112G00132
Sample Matrix: Water

Service Request: J0802283
Date Collected: 05/13/2008
Date Received: 05/13/2008

Volatile Organic Compounds by GC/MS

Sample Name: JAX-PCA25-MW02-051308
Lab Code: J0802283-002

Units: ug/L
Basis: NA

Extraction Method: EPA 5030B
Analysis Method: 8260B

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.17	1	05/15/08	05/15/08	JWG0801833	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.14	1	05/15/08	05/15/08	JWG0801833	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	05/15/08	05/15/08	JWG0801833	
1,1-Dichloroethane	ND	U	1.0	0.23	1	05/15/08	05/15/08	JWG0801833	
1,1-Dichloroethene	ND	U	1.0	0.27	1	05/15/08	05/15/08	JWG0801833	
1,2,4-Trichlorobenzene	ND	U	10	0.97	1	05/15/08	05/15/08	JWG0801833	
1,2-Dichlorobenzene	ND	U	1.0	0.34	1	05/15/08	05/15/08	JWG0801833	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.18	1	05/15/08	05/15/08	JWG0801833	
1,2-Dichloropropane	ND	U	1.0	0.18	1	05/15/08	05/15/08	JWG0801833	
1,3-Dichlorobenzene	ND	U	1.0	0.34	1	05/15/08	05/15/08	JWG0801833	
1,4-Dichlorobenzene	ND	U	1.0	0.21	1	05/15/08	05/15/08	JWG0801833	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.56	1	05/15/08	05/15/08	JWG0801833	
Benzene	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801833	
Bromodichloromethane	ND	U	1.0	0.15	1	05/15/08	05/15/08	JWG0801833	
Bromoform	ND	U	1.0	0.24	1	05/15/08	05/15/08	JWG0801833	
Bromomethane	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801833	
Carbon Tetrachloride	ND	U	1.0	0.26	1	05/15/08	05/15/08	JWG0801833	
Chlorobenzene	ND	U	1.0	0.19	1	05/15/08	05/15/08	JWG0801833	
Chloroethane	ND	U	1.0	0.24	1	05/15/08	05/15/08	JWG0801833	
Chloroform	ND	U	1.0	0.18	1	05/15/08	05/15/08	JWG0801833	
Chloromethane	ND	U	1.0	0.21	1	05/15/08	05/15/08	JWG0801833	
cis-1,2-Dichloroethene	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801833	
cis-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/15/08	05/15/08	JWG0801833	
Dibromochloromethane	ND	UJ	1.0	0.25	1	05/15/08	05/15/08	JWG0801833	J(3)
Dichlorodifluoromethane	ND	U	5.0	0.25	1	05/15/08	05/15/08	JWG0801833	
Ethylbenzene	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801833	
m,p-Xylenes	ND	U	2.0	0.47	1	05/15/08	05/15/08	JWG0801833	
Methyl tert-Butyl Ether	ND	U	2.0	0.16	1	05/15/08	05/15/08	JWG0801833	
Methylene Chloride	ND	U	5.0	0.51	1	05/15/08	05/15/08	JWG0801833	
o-Xylene	ND	U	1.0	0.25	1	05/15/08	05/15/08	JWG0801833	
Tetrachloroethene (PCE)	ND	U	1.0	0.44	1	05/15/08	05/15/08	JWG0801833	
Toluene	ND	U	1.0	0.14	1	05/15/08	05/15/08	JWG0801833	
trans-1,2-Dichloroethene	ND	U	1.0	0.22	1	05/15/08	05/15/08	JWG0801833	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX-PCA25-MW02-051308	**Units:**	ug/L
Lab Code:	J0802283-002	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
trans-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/15/08	05/15/08	JWG0801833	
Trichloroethene (TCE)	ND	U	1.0	0.23	1	05/15/08	05/15/08	JWG0801833	
Trichlorofluoromethane	ND	U	1.0	0.26	1	05/15/08	05/15/08	JWG0801833	
Vinyl Chloride	ND	U	1.0	0.23	1	05/15/08	05/15/08	JWG0801833	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	88	75-120	05/15/08	Acceptable
Dibromofluoromethane	101	82-116	05/15/08	Acceptable
Toluene-d8	121	88-117	05/15/08	Outside Control Limits

† Analyte Comments

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX-PCA25-MW01-051308	**Units:**	ug/L
Lab Code:	J0802283-003	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.17	1	05/15/08	05/15/08	JWG0801833	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.14	1	05/15/08	05/15/08	JWG0801833	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	05/15/08	05/15/08	JWG0801833	
1,1-Dichloroethane	ND	U	1.0	0.23	1	05/15/08	05/15/08	JWG0801833	
1,1-Dichloroethene	ND	U	1.0	0.27	1	05/15/08	05/15/08	JWG0801833	
1,2,4-Trichlorobenzene	ND	U	10	0.97	1	05/15/08	05/15/08	JWG0801833	
1,2-Dichlorobenzene	ND	U	1.0	0.34	1	05/15/08	05/15/08	JWG0801833	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.18	1	05/15/08	05/15/08	JWG0801833	
1,2-Dichloropropane	ND	U	1.0	0.18	1	05/15/08	05/15/08	JWG0801833	
1,3-Dichlorobenzene	ND	U	1.0	0.34	1	05/15/08	05/15/08	JWG0801833	
1,4-Dichlorobenzene	ND	U	1.0	0.21	1	05/15/08	05/15/08	JWG0801833	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.56	1	05/15/08	05/15/08	JWG0801833	
Benzene	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801833	
Bromodichloromethane	ND	U	1.0	0.15	1	05/15/08	05/15/08	JWG0801833	
Bromoform	ND	U	1.0	0.24	1	05/15/08	05/15/08	JWG0801833	
Bromomethane	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801833	
Carbon Tetrachloride	ND	U	1.0	0.26	1	05/15/08	05/15/08	JWG0801833	
Chlorobenzene	ND	U	1.0	0.19	1	05/15/08	05/15/08	JWG0801833	
Chloroethane	ND	U	1.0	0.24	1	05/15/08	05/15/08	JWG0801833	
Chloroform	ND	U	1.0	0.18	1	05/15/08	05/15/08	JWG0801833	
Chloromethane	ND	U	1.0	0.21	1	05/15/08	05/15/08	JWG0801833	
cis-1,2-Dichloroethene	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801833	
cis-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/15/08	05/15/08	JWG0801833	
Dibromochloromethane	ND	UJ	1.0	0.25	1	05/15/08	05/15/08	JWG0801833	J(3)
Dichlorodifluoromethane	ND	U	5.0	0.25	1	05/15/08	05/15/08	JWG0801833	
Ethylbenzene	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801833	
m,p-Xylenes	ND	U	2.0	0.47	1	05/15/08	05/15/08	JWG0801833	
Methyl tert-Butyl Ether	ND	U	2.0	0.16	1	05/15/08	05/15/08	JWG0801833	
Methylene Chloride	ND	U	5.0	0.51	1	05/15/08	05/15/08	JWG0801833	
o-Xylene	ND	U	1.0	0.25	1	05/15/08	05/15/08	JWG0801833	
Tetrachloroethene (PCE)	ND	U	1.0	0.44	1	05/15/08	05/15/08	JWG0801833	
Toluene	**0.45**	I	1.0	0.14	1	05/15/08	05/15/08	JWG0801833	
trans-1,2-Dichloroethene	ND	U	1.0	0.22	1	05/15/08	05/15/08	JWG0801833	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX-PCA25-MW01-051308	**Units:**	ug/L
Lab Code:	J0802283-003	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
trans-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/15/08	05/15/08	JWG0801833	
Trichloroethene (TCE)	ND	U	1.0	0.23	1	05/15/08	05/15/08	JWG0801833	
Trichlorofluoromethane	ND	U	1.0	0.26	1	05/15/08	05/15/08	JWG0801833	
Vinyl Chloride	ND	U	1.0	0.23	1	05/15/08	05/15/08	JWG0801833	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	89	75-120	05/15/08	Acceptable
Dibromofluoromethane	102	82-116	05/15/08	Acceptable
Toluene-d8	121	88-117	05/15/08	Outside Control Limits

† **Analyte Comments**

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX-PCA25-MW04-051308	**Units:**	ug/L
Lab Code:	J0802283-004	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.17	1	05/15/08	05/15/08	JWG0801833	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.14	1	05/15/08	05/15/08	JWG0801833	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	05/15/08	05/15/08	JWG0801833	
1,1-Dichloroethane	ND	U	1.0	0.23	1	05/15/08	05/15/08	JWG0801833	
1,1-Dichloroethene	ND	U	1.0	0.27	1	05/15/08	05/15/08	JWG0801833	
1,2,4-Trichlorobenzene	ND	U	10	0.97	1	05/15/08	05/15/08	JWG0801833	
1,2-Dichlorobenzene	ND	U	1.0	0.34	1	05/15/08	05/15/08	JWG0801833	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.18	1	05/15/08	05/15/08	JWG0801833	
1,2-Dichloropropane	ND	U	1.0	0.18	1	05/15/08	05/15/08	JWG0801833	
1,3-Dichlorobenzene	ND	U	1.0	0.34	1	05/15/08	05/15/08	JWG0801833	
1,4-Dichlorobenzene	ND	U	1.0	0.21	1	05/15/08	05/15/08	JWG0801833	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.56	1	05/15/08	05/15/08	JWG0801833	
Benzene	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801833	
Bromodichloromethane	ND	U	1.0	0.15	1	05/15/08	05/15/08	JWG0801833	
Bromoform	ND	U	1.0	0.24	1	05/15/08	05/15/08	JWG0801833	
Bromomethane	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801833	
Carbon Tetrachloride	ND	U	1.0	0.26	1	05/15/08	05/15/08	JWG0801833	
Chlorobenzene	ND	U	1.0	0.19	1	05/15/08	05/15/08	JWG0801833	
Chloroethane	ND	U	1.0	0.24	1	05/15/08	05/15/08	JWG0801833	
Chloroform	ND	U	1.0	0.18	1	05/15/08	05/15/08	JWG0801833	
Chloromethane	ND	U	1.0	0.21	1	05/15/08	05/15/08	JWG0801833	
cis-1,2-Dichloroethene	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801833	
cis-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/15/08	05/15/08	JWG0801833	
Dibromochloromethane	ND	UJ	1.0	0.25	1	05/15/08	05/15/08	JWG0801833	J(3)
Dichlorodifluoromethane	ND	U	5.0	0.25	1	05/15/08	05/15/08	JWG0801833	
Ethylbenzene	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801833	
m,p-Xylenes	ND	U	2.0	0.47	1	05/15/08	05/15/08	JWG0801833	
Methyl tert-Butyl Ether	ND	U	2.0	0.16	1	05/15/08	05/15/08	JWG0801833	
Methylene Chloride	ND	U	5.0	0.51	1	05/15/08	05/15/08	JWG0801833	
o-Xylene	ND	U	1.0	0.25	1	05/15/08	05/15/08	JWG0801833	
Tetrachloroethene (PCE)	ND	U	1.0	0.44	1	05/15/08	05/15/08	JWG0801833	
Toluene	ND	U	1.0	0.14	1	05/15/08	05/15/08	JWG0801833	
trans-1,2-Dichloroethene	ND	U	1.0	0.22	1	05/15/08	05/15/08	JWG0801833	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX-PCA25-MW04-051308	**Units:**	ug/L
Lab Code:	J0802283-004	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
trans-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/15/08	05/15/08	JWG0801833	
Trichloroethene (TCE)	ND	U	1.0	0.23	1	05/15/08	05/15/08	JWG0801833	
Trichlorofluoromethane	ND	U	1.0	0.26	1	05/15/08	05/15/08	JWG0801833	
Vinyl Chloride	ND	U	1.0	0.23	1	05/15/08	05/15/08	JWG0801833	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	106	75-120	05/15/08	Acceptable
Dibromofluoromethane	102	82-116	05/15/08	Acceptable
Toluene-d8	120	88-117	05/15/08	Outside Control Limits

† Analyte Comments

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX-PCA25-MW03-051308	**Units:**	ug/L
Lab Code:	J0802283-005	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.17	1	05/15/08	05/15/08	JWG0801819	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.14	1	05/15/08	05/15/08	JWG0801819	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	05/15/08	05/15/08	JWG0801819	
1,1-Dichloroethane	ND	U	1.0	0.23	1	05/15/08	05/15/08	JWG0801819	
1,1-Dichloroethene	ND	U	1.0	0.27	1	05/15/08	05/15/08	JWG0801819	
1,2,4-Trichlorobenzene	ND	U	10	0.97	1	05/15/08	05/15/08	JWG0801833	
1,2-Dichlorobenzene	ND	U	1.0	0.34	1	05/15/08	05/15/08	JWG0801833	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.18	1	05/15/08	05/15/08	JWG0801819	
1,2-Dichloropropane	ND	U	1.0	0.18	1	05/15/08	05/15/08	JWG0801819	
1,3-Dichlorobenzene	ND	U	1.0	0.34	1	05/15/08	05/15/08	JWG0801833	
1,4-Dichlorobenzene	ND	U	1.0	0.21	1	05/15/08	05/15/08	JWG0801833	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.56	1	05/15/08	05/15/08	JWG0801819	
Benzene	**0.52**	I	1.0	0.20	1	05/15/08	05/15/08	JWG0801819	
Bromodichloromethane	ND	U	1.0	0.15	1	05/15/08	05/15/08	JWG0801819	
Bromoform	ND	U	1.0	0.24	1	05/15/08	05/15/08	JWG0801819	
Bromomethane	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801819	
Carbon Tetrachloride	ND	U	1.0	0.26	1	05/15/08	05/15/08	JWG0801819	
Chlorobenzene	ND	U	1.0	0.19	1	05/15/08	05/15/08	JWG0801819	
Chloroethane	ND	U	1.0	0.24	1	05/15/08	05/15/08	JWG0801819	
Chloroform	ND	U	1.0	0.18	1	05/15/08	05/15/08	JWG0801819	
Chloromethane	ND	U	1.0	0.21	1	05/15/08	05/15/08	JWG0801819	
cis-1,2-Dichloroethene	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801819	
cis-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/15/08	05/15/08	JWG0801819	
Dibromochloromethane	ND	UJ	1.0	0.25	1	05/15/08	05/15/08	JWG0801819	J(3)
Dichlorodifluoromethane	ND	U	5.0	0.25	1	05/15/08	05/15/08	JWG0801819	
Ethylbenzene	**5.9**		1.0	0.20	1	05/15/08	05/15/08	JWG0801819	
m,p-Xylenes	**1.3**	I	2.0	0.47	1	05/15/08	05/15/08	JWG0801819	
Methyl tert-Butyl Ether	ND	U	2.0	0.16	1	05/15/08	05/15/08	JWG0801819	
Methylene Chloride	ND	U	5.0	0.51	1	05/15/08	05/15/08	JWG0801819	
o-Xylene	**0.67**	I	1.0	0.25	1	05/15/08	05/15/08	JWG0801819	
Tetrachloroethene (PCE)	ND	U	1.0	0.44	1	05/15/08	05/15/08	JWG0801819	
Toluene	**1.6**		1.0	0.14	1	05/15/08	05/15/08	JWG0801819	
trans-1,2-Dichloroethene	ND	U	1.0	0.22	1	05/15/08	05/15/08	JWG0801819	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX-PCA25-MW03-051308	**Units:**	ug/L
Lab Code:	J0802283-005	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
trans-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/15/08	05/15/08	JWG0801819	
Trichloroethene (TCE)	ND	U	1.0	0.23	1	05/15/08	05/15/08	JWG0801819	
Trichlorofluoromethane	ND	U	1.0	0.26	1	05/15/08	05/15/08	JWG0801819	
Vinyl Chloride	ND	U	1.0	0.23	1	05/15/08	05/15/08	JWG0801819	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	81	75-120	05/15/08	Acceptable
Dibromofluoromethane	89	82-116	05/15/08	Acceptable
Toluene-d8	106	88-117	05/15/08	Acceptable

† **Analyte Comments**

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX-PCA25-MW13-051308	**Units:**	ug/L
Lab Code:	J0802283-006	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.17	1	05/15/08	05/15/08	JWG0801819	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.14	1	05/15/08	05/15/08	JWG0801819	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	05/15/08	05/15/08	JWG0801819	
1,1-Dichloroethane	ND	U	1.0	0.23	1	05/15/08	05/15/08	JWG0801819	
1,1-Dichloroethene	ND	U	1.0	0.27	1	05/15/08	05/15/08	JWG0801819	
1,2,4-Trichlorobenzene	ND	U	10	0.97	1	05/15/08	05/15/08	JWG0801819	
1,2-Dichlorobenzene	ND	U	1.0	0.34	1	05/15/08	05/15/08	JWG0801819	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.18	1	05/15/08	05/15/08	JWG0801819	
1,2-Dichloropropane	ND	U	1.0	0.18	1	05/15/08	05/15/08	JWG0801819	
1,3-Dichlorobenzene	ND	U	1.0	0.34	1	05/15/08	05/15/08	JWG0801819	
1,4-Dichlorobenzene	ND	U	1.0	0.21	1	05/15/08	05/15/08	JWG0801819	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.56	1	05/15/08	05/15/08	JWG0801819	
Benzene	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801819	
Bromodichloromethane	ND	U	1.0	0.15	1	05/15/08	05/15/08	JWG0801819	
Bromoform	ND	U	1.0	0.24	1	05/15/08	05/15/08	JWG0801819	
Bromomethane	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801819	
Carbon Tetrachloride	ND	U	1.0	0.26	1	05/15/08	05/15/08	JWG0801819	
Chlorobenzene	ND	U	1.0	0.19	1	05/15/08	05/15/08	JWG0801819	
Chloroethane	ND	U	1.0	0.24	1	05/15/08	05/15/08	JWG0801819	
Chloroform	ND	U	1.0	0.18	1	05/15/08	05/15/08	JWG0801819	
Chloromethane	ND	U	1.0	0.21	1	05/15/08	05/15/08	JWG0801819	
cis-1,2-Dichloroethene	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801819	
cis-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/15/08	05/15/08	JWG0801819	
Dibromochloromethane	ND	UJ	1.0	0.25	1	05/15/08	05/15/08	JWG0801819	J(3)
Dichlorodifluoromethane	ND	U	5.0	0.25	1	05/15/08	05/15/08	JWG0801819	
Ethylbenzene	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801819	
m,p-Xylenes	**0.71**	I	2.0	0.47	1	05/15/08	05/15/08	JWG0801819	
Methyl tert-Butyl Ether	ND	U	2.0	0.16	1	05/15/08	05/15/08	JWG0801819	
Methylene Chloride	ND	U	5.0	0.51	1	05/15/08	05/15/08	JWG0801819	
o-Xylene	ND	U	1.0	0.25	1	05/15/08	05/15/08	JWG0801819	
Tetrachloroethene (PCE)	ND	U	1.0	0.44	1	05/15/08	05/15/08	JWG0801819	
Toluene	**0.52**	I	1.0	0.14	1	05/15/08	05/15/08	JWG0801819	
trans-1,2-Dichloroethene	ND	U	1.0	0.22	1	05/15/08	05/15/08	JWG0801819	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX-PCA25-MW13-051308	**Units:**	ug/L
Lab Code:	J0802283-006	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
trans-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/15/08	05/15/08	JWG0801819	
Trichloroethene (TCE)	ND	U	1.0	0.23	1	05/15/08	05/15/08	JWG0801819	
Trichlorofluoromethane	ND	U	1.0	0.26	1	05/15/08	05/15/08	JWG0801819	
Vinyl Chloride	ND	U	1.0	0.23	1	05/15/08	05/15/08	JWG0801819	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	79	75-120	05/15/08	Acceptable
Dibromofluoromethane	90	82-116	05/15/08	Acceptable
Toluene-d8	107	88-117	05/15/08	Acceptable

† **Analyte Comments**

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX-PCA25-TF-MW04-051308	**Units:**	ug/L
Lab Code:	J0802283-007	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.17	1	05/15/08	05/15/08	JWG0801819	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.14	1	05/15/08	05/15/08	JWG0801819	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	05/15/08	05/15/08	JWG0801819	
1,1-Dichloroethane	ND	U	1.0	0.23	1	05/15/08	05/15/08	JWG0801819	
1,1-Dichloroethene	ND	U	1.0	0.27	1	05/15/08	05/15/08	JWG0801819	
1,2,4-Trichlorobenzene	ND	U	10	0.97	1	05/15/08	05/15/08	JWG0801819	
1,2-Dichlorobenzene	ND	U	1.0	0.34	1	05/15/08	05/15/08	JWG0801819	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.18	1	05/15/08	05/15/08	JWG0801819	
1,2-Dichloropropane	ND	U	1.0	0.18	1	05/15/08	05/15/08	JWG0801819	
1,3-Dichlorobenzene	ND	U	1.0	0.34	1	05/15/08	05/15/08	JWG0801819	
1,4-Dichlorobenzene	ND	U	1.0	0.21	1	05/15/08	05/15/08	JWG0801819	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.56	1	05/15/08	05/15/08	JWG0801819	
Benzene	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801819	
Bromodichloromethane	ND	U	1.0	0.15	1	05/15/08	05/15/08	JWG0801819	
Bromoform	ND	U	1.0	0.24	1	05/15/08	05/15/08	JWG0801819	
Bromomethane	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801819	
Carbon Tetrachloride	ND	U	1.0	0.26	1	05/15/08	05/15/08	JWG0801819	
Chlorobenzene	ND	U	1.0	0.19	1	05/15/08	05/15/08	JWG0801819	
Chloroethane	ND	U	1.0	0.24	1	05/15/08	05/15/08	JWG0801819	
Chloroform	ND	U	1.0	0.18	1	05/15/08	05/15/08	JWG0801819	
Chloromethane	ND	U	1.0	0.21	1	05/15/08	05/15/08	JWG0801819	
cis-1,2-Dichloroethene	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801819	
cis-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/15/08	05/15/08	JWG0801819	
Dibromochloromethane	ND	UJ	1.0	0.25	1	05/15/08	05/15/08	JWG0801819	J(3)
Dichlorodifluoromethane	ND	U	5.0	0.25	1	05/15/08	05/15/08	JWG0801819	
Ethylbenzene	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801819	
m,p-Xylenes	**0.47**	I	2.0	0.47	1	05/15/08	05/15/08	JWG0801819	
Methyl tert-Butyl Ether	ND	U	2.0	0.16	1	05/15/08	05/15/08	JWG0801819	
Methylene Chloride	ND	U	5.0	0.51	1	05/15/08	05/15/08	JWG0801819	
o-Xylene	ND	U	1.0	0.25	1	05/15/08	05/15/08	JWG0801819	
Tetrachloroethene (PCE)	ND	U	1.0	0.44	1	05/15/08	05/15/08	JWG0801819	
Toluene	**0.42**	I	1.0	0.14	1	05/15/08	05/15/08	JWG0801819	
trans-1,2-Dichloroethene	ND	U	1.0	0.22	1	05/15/08	05/15/08	JWG0801819	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX-PCA25-TF-MW04-051308	**Units:**	ug/L
Lab Code:	J0802283-007	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
trans-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/15/08	05/15/08	JWG0801819	
Trichloroethene (TCE)	ND	U	1.0	0.23	1	05/15/08	05/15/08	JWG0801819	
Trichlorofluoromethane	ND	U	1.0	0.26	1	05/15/08	05/15/08	JWG0801819	
Vinyl Chloride	ND	U	1.0	0.23	1	05/15/08	05/15/08	JWG0801819	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	78	75-120	05/15/08	Acceptable
Dibromofluoromethane	90	82-116	05/15/08	Acceptable
Toluene-d8	107	88-117	05/15/08	Acceptable

† **Analyte Comments**

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	J0802283-008	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.17	1	05/15/08	05/15/08	JWG0801819	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.14	1	05/15/08	05/15/08	JWG0801819	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	05/15/08	05/15/08	JWG0801819	
1,1-Dichloroethane	ND	U	1.0	0.23	1	05/15/08	05/15/08	JWG0801819	
1,1-Dichloroethene	ND	U	1.0	0.27	1	05/15/08	05/15/08	JWG0801819	
1,2,4-Trichlorobenzene	ND	U	10	0.97	1	05/15/08	05/15/08	JWG0801819	
1,2-Dichlorobenzene	ND	U	1.0	0.34	1	05/15/08	05/15/08	JWG0801819	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.18	1	05/15/08	05/15/08	JWG0801819	
1,2-Dichloropropane	ND	U	1.0	0.18	1	05/15/08	05/15/08	JWG0801819	
1,3-Dichlorobenzene	ND	U	1.0	0.34	1	05/15/08	05/15/08	JWG0801819	
1,4-Dichlorobenzene	ND	U	1.0	0.21	1	05/15/08	05/15/08	JWG0801819	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.56	1	05/15/08	05/15/08	JWG0801819	
Benzene	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801819	
Bromodichloromethane	ND	U	1.0	0.15	1	05/15/08	05/15/08	JWG0801819	
Bromoform	**4.8**		1.0	0.24	1	05/15/08	05/15/08	JWG0801819	
Bromomethane	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801819	
Carbon Tetrachloride	ND	U	1.0	0.26	1	05/15/08	05/15/08	JWG0801819	
Chlorobenzene	ND	U	1.0	0.19	1	05/15/08	05/15/08	JWG0801819	
Chloroethane	ND	U	1.0	0.24	1	05/15/08	05/15/08	JWG0801819	
Chloroform	ND	U	1.0	0.18	1	05/15/08	05/15/08	JWG0801819	
Chloromethane	ND	U	1.0	0.21	1	05/15/08	05/15/08	JWG0801819	
cis-1,2-Dichloroethene	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801819	
cis-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/15/08	05/15/08	JWG0801819	
Dibromochloromethane	**0.55**	I	1.0	0.25	1	05/15/08	05/15/08	JWG0801819	
Dichlorodifluoromethane	ND	U	5.0	0.25	1	05/15/08	05/15/08	JWG0801819	
Ethylbenzene	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801819	
m,p-Xylenes	ND	U	2.0	0.47	1	05/15/08	05/15/08	JWG0801819	
Methyl tert-Butyl Ether	ND	U	2.0	0.16	1	05/15/08	05/15/08	JWG0801819	
Methylene Chloride	ND	U	5.0	0.51	1	05/15/08	05/15/08	JWG0801819	
o-Xylene	ND	U	1.0	0.25	1	05/15/08	05/15/08	JWG0801819	
Tetrachloroethene (PCE)	ND	U	1.0	0.44	1	05/15/08	05/15/08	JWG0801819	
Toluene	**0.36**	I	1.0	0.14	1	05/15/08	05/15/08	JWG0801819	
trans-1,2-Dichloroethene	ND	U	1.0	0.22	1	05/15/08	05/15/08	JWG0801819	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	J0802283-008	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
trans-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/15/08	05/15/08	JWG0801819	
Trichloroethene (TCE)	ND	U	1.0	0.23	1	05/15/08	05/15/08	JWG0801819	
Trichlorofluoromethane	ND	U	1.0	0.26	1	05/15/08	05/15/08	JWG0801819	
Vinyl Chloride	ND	U	1.0	0.23	1	05/15/08	05/15/08	JWG0801819	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	79	75-120	05/15/08	Acceptable
Dibromofluoromethane	90	82-116	05/15/08	Acceptable
Toluene-d8	107	88-117	05/15/08	Acceptable

† **Analyte Comments**

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech NUS, Inc.
Project: PCA25/112G00132
Sample Matrix: Water

Service Request: J0802283
Date Collected: NA
Date Received: NA

Volatile Organic Compounds by GC/MS

Sample Name: Method Blank
Lab Code: JWG0801819-4

Units: ug/L
Basis: NA

Extraction Method: EPA 5030B
Analysis Method: 8260B

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.17	1	05/14/08	05/14/08	JWG0801819	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.14	1	05/14/08	05/14/08	JWG0801819	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	05/14/08	05/14/08	JWG0801819	
1,1-Dichloroethane	ND	U	1.0	0.23	1	05/14/08	05/14/08	JWG0801819	
1,1-Dichloroethene	ND	U	1.0	0.27	1	05/14/08	05/14/08	JWG0801819	
1,2,4-Trichlorobenzene	ND	U	10	0.97	1	05/14/08	05/14/08	JWG0801819	
1,2-Dichlorobenzene	ND	U	1.0	0.34	1	05/14/08	05/14/08	JWG0801819	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.18	1	05/14/08	05/14/08	JWG0801819	
1,2-Dichloropropane	ND	U	1.0	0.18	1	05/14/08	05/14/08	JWG0801819	
1,3-Dichlorobenzene	ND	U	1.0	0.34	1	05/14/08	05/14/08	JWG0801819	
1,4-Dichlorobenzene	ND	U	1.0	0.21	1	05/14/08	05/14/08	JWG0801819	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.56	1	05/14/08	05/14/08	JWG0801819	
Benzene	ND	U	1.0	0.20	1	05/14/08	05/14/08	JWG0801819	
Bromodichloromethane	ND	U	1.0	0.15	1	05/14/08	05/14/08	JWG0801819	
Bromoform	ND	U	1.0	0.24	1	05/14/08	05/14/08	JWG0801819	
Bromomethane	ND	U	1.0	0.20	1	05/14/08	05/14/08	JWG0801819	
Carbon Tetrachloride	ND	U	1.0	0.26	1	05/14/08	05/14/08	JWG0801819	
Chlorobenzene	ND	U	1.0	0.19	1	05/14/08	05/14/08	JWG0801819	
Chloroethane	ND	U	1.0	0.24	1	05/14/08	05/14/08	JWG0801819	
Chloroform	ND	U	1.0	0.18	1	05/14/08	05/14/08	JWG0801819	
Chloromethane	ND	U	1.0	0.21	1	05/14/08	05/14/08	JWG0801819	
cis-1,2-Dichloroethene	ND	U	1.0	0.20	1	05/14/08	05/14/08	JWG0801819	
cis-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/14/08	05/14/08	JWG0801819	
Dibromochloromethane	ND	UJ	1.0	0.25	1	05/14/08	05/14/08	JWG0801819	J(3)
Dichlorodifluoromethane	ND	U	5.0	0.25	1	05/14/08	05/14/08	JWG0801819	
Ethylbenzene	ND	U	1.0	0.20	1	05/14/08	05/14/08	JWG0801819	
m,p-Xylenes	ND	U	2.0	0.47	1	05/14/08	05/14/08	JWG0801819	
Methyl tert-Butyl Ether	ND	U	2.0	0.16	1	05/14/08	05/14/08	JWG0801819	
Methylene Chloride	ND	U	5.0	0.51	1	05/14/08	05/14/08	JWG0801819	
o-Xylene	ND	U	1.0	0.25	1	05/14/08	05/14/08	JWG0801819	
Tetrachloroethene (PCE)	ND	U	1.0	0.44	1	05/14/08	05/14/08	JWG0801819	
Toluene	ND	U	1.0	0.14	1	05/14/08	05/14/08	JWG0801819	
trans-1,2-Dichloroethene	ND	U	1.0	0.22	1	05/14/08	05/14/08	JWG0801819	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0801819-4	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
trans-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/14/08	05/14/08	JWG0801819	
Trichloroethene (TCE)	ND	U	1.0	0.23	1	05/14/08	05/14/08	JWG0801819	
Trichlorofluoromethane	ND	U	1.0	0.26	1	05/14/08	05/14/08	JWG0801819	
Vinyl Chloride	ND	U	1.0	0.23	1	05/14/08	05/14/08	JWG0801819	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	82	75-120	05/14/08	Acceptable
Dibromofluoromethane	87	82-116	05/14/08	Acceptable
Toluene-d8	105	88-117	05/14/08	Acceptable

† **Analyte Comments**

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech NUS, Inc.
Project: PCA25/112G00132
Sample Matrix: Water

Service Request: J0802283
Date Collected: NA
Date Received: NA

Volatile Organic Compounds by GC/MS

Sample Name: Method Blank
Lab Code: JWG0801833-4

Units: ug/L
Basis: NA

Extraction Method: EPA 5030B
Analysis Method: 8260B

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.17	1	05/15/08	05/15/08	JWG0801833	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.14	1	05/15/08	05/15/08	JWG0801833	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	05/15/08	05/15/08	JWG0801833	
1,1-Dichloroethane	ND	U	1.0	0.23	1	05/15/08	05/15/08	JWG0801833	
1,1-Dichloroethene	ND	U	1.0	0.27	1	05/15/08	05/15/08	JWG0801833	
1,2,4-Trichlorobenzene	ND	U	10	0.97	1	05/15/08	05/15/08	JWG0801833	
1,2-Dichlorobenzene	ND	U	1.0	0.34	1	05/15/08	05/15/08	JWG0801833	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.18	1	05/15/08	05/15/08	JWG0801833	
1,2-Dichloropropane	ND	U	1.0	0.18	1	05/15/08	05/15/08	JWG0801833	
1,3-Dichlorobenzene	ND	U	1.0	0.34	1	05/15/08	05/15/08	JWG0801833	
1,4-Dichlorobenzene	ND	U	1.0	0.21	1	05/15/08	05/15/08	JWG0801833	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.56	1	05/15/08	05/15/08	JWG0801833	
Benzene	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801833	
Bromodichloromethane	ND	U	1.0	0.15	1	05/15/08	05/15/08	JWG0801833	
Bromoform	ND	U	1.0	0.24	1	05/15/08	05/15/08	JWG0801833	
Bromomethane	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801833	
Carbon Tetrachloride	ND	U	1.0	0.26	1	05/15/08	05/15/08	JWG0801833	
Chlorobenzene	ND	U	1.0	0.19	1	05/15/08	05/15/08	JWG0801833	
Chloroethane	ND	U	1.0	0.24	1	05/15/08	05/15/08	JWG0801833	
Chloroform	ND	U	1.0	0.18	1	05/15/08	05/15/08	JWG0801833	
Chloromethane	ND	U	1.0	0.21	1	05/15/08	05/15/08	JWG0801833	
cis-1,2-Dichloroethene	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801833	
cis-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/15/08	05/15/08	JWG0801833	
Dibromochloromethane	ND	UJ	1.0	0.25	1	05/15/08	05/15/08	JWG0801833	J(3)
Dichlorodifluoromethane	ND	U	5.0	0.25	1	05/15/08	05/15/08	JWG0801833	
Ethylbenzene	ND	U	1.0	0.20	1	05/15/08	05/15/08	JWG0801833	
m,p-Xylenes	ND	U	2.0	0.47	1	05/15/08	05/15/08	JWG0801833	
Methyl tert-Butyl Ether	ND	U	2.0	0.16	1	05/15/08	05/15/08	JWG0801833	
Methylene Chloride	ND	U	5.0	0.51	1	05/15/08	05/15/08	JWG0801833	
o-Xylene	ND	U	1.0	0.25	1	05/15/08	05/15/08	JWG0801833	
Tetrachloroethene (PCE)	ND	U	1.0	0.44	1	05/15/08	05/15/08	JWG0801833	
Toluene	ND	U	1.0	0.14	1	05/15/08	05/15/08	JWG0801833	
trans-1,2-Dichloroethene	ND	U	1.0	0.22	1	05/15/08	05/15/08	JWG0801833	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0801833-4	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
trans-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/15/08	05/15/08	JWG0801833	
Trichloroethene (TCE)	ND	U	1.0	0.23	1	05/15/08	05/15/08	JWG0801833	
Trichlorofluoromethane	ND	U	1.0	0.26	1	05/15/08	05/15/08	JWG0801833	
Vinyl Chloride	ND	U	1.0	0.23	1	05/15/08	05/15/08	JWG0801833	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	87	75-120	05/15/08	Acceptable
Dibromofluoromethane	101	82-116	05/15/08	Acceptable
Toluene-d8	120	88-117	05/15/08	Outside Control Limits

† **Analyte Comments**

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX-PCA25-MW11-051308	**Units:**	ug/L
Lab Code:	J0802283-001	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.11	0.046	1	05/14/08	05/15/08	JWG0801818	
2-Methylnaphthalene	ND	U	0.11	0.038	1	05/14/08	05/15/08	JWG0801818	
1-Methylnaphthalene	ND	U	0.11	0.037	1	05/14/08	05/15/08	JWG0801818	
Acenaphthylene	ND	U	0.11	0.040	1	05/14/08	05/15/08	JWG0801818	
Acenaphthene	ND	U	0.11	0.040	1	05/14/08	05/15/08	JWG0801818	
Fluorene	ND	U	0.11	0.041	1	05/14/08	05/15/08	JWG0801818	
Phenanthrene	ND	U	0.11	0.038	1	05/14/08	05/15/08	JWG0801818	
Anthracene	ND	U	0.11	0.030	1	05/14/08	05/15/08	JWG0801818	
Fluoranthene	ND	U	0.11	0.022	1	05/14/08	05/15/08	JWG0801818	
Pyrene	ND	U	0.11	0.021	1	05/14/08	05/15/08	JWG0801818	
Benz(a)anthracene	ND	U	0.11	0.014	1	05/14/08	05/15/08	JWG0801818	
Chrysene	ND	U	0.11	0.011	1	05/14/08	05/15/08	JWG0801818	
Benzo(b)fluoranthene	ND	U	0.11	0.015	1	05/14/08	05/15/08	JWG0801818	
Benzo(k)fluoranthene	ND	U	0.11	0.015	1	05/14/08	05/15/08	JWG0801818	
Benzo(a)pyrene	ND	U	0.11	0.014	1	05/14/08	05/15/08	JWG0801818	
Indeno(1,2,3-cd)pyrene	ND	U	0.11	0.016	1	05/14/08	05/15/08	JWG0801818	
Dibenz(a,h)anthracene	ND	U	0.11	0.015	1	05/14/08	05/15/08	JWG0801818	
Benzo(g,h,i)perylene	ND	U	0.11	0.015	1	05/14/08	05/15/08	JWG0801818	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	56	22-105	05/15/08	Acceptable
p-Terphenyl-d14	60	25-127	05/15/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX-PCA25-MW02-051308	**Units:**	ug/L
Lab Code:	J0802283-002	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.12	0.050	1	05/14/08	05/15/08	JWG0801818	
2-Methylnaphthalene	ND	U	0.12	0.041	1	05/14/08	05/15/08	JWG0801818	
1-Methylnaphthalene	ND	U	0.12	0.040	1	05/14/08	05/15/08	JWG0801818	
Acenaphthylene	ND	U	0.12	0.043	1	05/14/08	05/15/08	JWG0801818	
Acenaphthene	**0.42**		0.12	0.043	1	05/14/08	05/15/08	JWG0801818	
Fluorene	ND	U	0.12	0.044	1	05/14/08	05/15/08	JWG0801818	
Phenanthrene	ND	U	0.12	0.041	1	05/14/08	05/15/08	JWG0801818	
Anthracene	ND	U	0.12	0.033	1	05/14/08	05/15/08	JWG0801818	
Fluoranthene	ND	U	0.12	0.024	1	05/14/08	05/15/08	JWG0801818	
Pyrene	ND	U	0.12	0.023	1	05/14/08	05/15/08	JWG0801818	
Benz(a)anthracene	ND	U	0.12	0.015	1	05/14/08	05/15/08	JWG0801818	
Chrysene	ND	U	0.12	0.012	1	05/14/08	05/15/08	JWG0801818	
Benzo(b)fluoranthene	ND	U	0.12	0.016	1	05/14/08	05/15/08	JWG0801818	
Benzo(k)fluoranthene	ND	U	0.12	0.016	1	05/14/08	05/15/08	JWG0801818	
Benzo(a)pyrene	ND	U	0.12	0.015	1	05/14/08	05/15/08	JWG0801818	
Indeno(1,2,3-cd)pyrene	ND	U	0.12	0.017	1	05/14/08	05/15/08	JWG0801818	
Dibenz(a,h)anthracene	ND	U	0.12	0.016	1	05/14/08	05/15/08	JWG0801818	
Benzo(g,h,i)perylene	ND	U	0.12	0.016	1	05/14/08	05/15/08	JWG0801818	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	56	22-105	05/15/08	Acceptable
p-Terphenyl-d14	58	25-127	05/15/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX-PCA25-MW01-051308	**Units:**	ug/L
Lab Code:	J0802283-003	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.11	0.046	1	05/14/08	05/15/08	JWG0801818	
2-Methylnaphthalene	ND	U	0.11	0.038	1	05/14/08	05/15/08	JWG0801818	
1-Methylnaphthalene	ND	U	0.11	0.037	1	05/14/08	05/15/08	JWG0801818	
Acenaphthylene	ND	U	0.11	0.040	1	05/14/08	05/15/08	JWG0801818	
Acenaphthene	ND	U	0.11	0.040	1	05/14/08	05/15/08	JWG0801818	
Fluorene	ND	U	0.11	0.041	1	05/14/08	05/15/08	JWG0801818	
Phenanthrene	ND	U	0.11	0.038	1	05/14/08	05/15/08	JWG0801818	
Anthracene	ND	U	0.11	0.031	1	05/14/08	05/15/08	JWG0801818	
Fluoranthene	ND	U	0.11	0.022	1	05/14/08	05/15/08	JWG0801818	
Pyrene	**0.033**	I	0.11	0.021	1	05/14/08	05/15/08	JWG0801818	
Benz(a)anthracene	ND	U	0.11	0.014	1	05/14/08	05/15/08	JWG0801818	
Chrysene	ND	U	0.11	0.011	1	05/14/08	05/15/08	JWG0801818	
Benzo(b)fluoranthene	ND	U	0.11	0.015	1	05/14/08	05/15/08	JWG0801818	
Benzo(k)fluoranthene	ND	U	0.11	0.015	1	05/14/08	05/15/08	JWG0801818	
Benzo(a)pyrene	ND	U	0.11	0.014	1	05/14/08	05/15/08	JWG0801818	
Indeno(1,2,3-cd)pyrene	ND	U	0.11	0.016	1	05/14/08	05/15/08	JWG0801818	
Dibenz(a,h)anthracene	ND	U	0.11	0.015	1	05/14/08	05/15/08	JWG0801818	
Benzo(g,h,i)perylene	ND	U	0.11	0.015	1	05/14/08	05/15/08	JWG0801818	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	53	22-105	05/15/08	Acceptable
p-Terphenyl-d14	56	25-127	05/15/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX-PCA25-MW04-051308	**Units:**	ug/L
Lab Code:	J0802283-004	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	**0.17**		0.12	0.049	1	05/16/08	05/20/08	JWG0801860	
2-Methylnaphthalene	ND	U	0.12	0.040	1	05/16/08	05/20/08	JWG0801860	
1-Methylnaphthalene	ND	U	0.12	0.039	1	05/16/08	05/20/08	JWG0801860	
Acenaphthylene	ND	U	0.12	0.043	1	05/16/08	05/20/08	JWG0801860	
Acenaphthene	ND	U	0.12	0.043	1	05/16/08	05/20/08	JWG0801860	
Fluorene	ND	U	0.12	0.044	1	05/16/08	05/20/08	JWG0801860	
Phenanthrene	ND	U	0.12	0.040	1	05/16/08	05/20/08	JWG0801860	
Anthracene	ND	U	0.12	0.033	1	05/16/08	05/20/08	JWG0801860	
Fluoranthene	ND	U	0.12	0.024	1	05/16/08	05/20/08	JWG0801860	
Pyrene	ND	U	0.12	0.023	1	05/16/08	05/20/08	JWG0801860	
Benz(a)anthracene	ND	U	0.12	0.015	1	05/16/08	05/20/08	JWG0801860	
Chrysene	ND	U	0.12	0.012	1	05/16/08	05/20/08	JWG0801860	
Benzo(b)fluoranthene	ND	U	0.12	0.016	1	05/16/08	05/20/08	JWG0801860	
Benzo(k)fluoranthene	ND	U	0.12	0.016	1	05/16/08	05/20/08	JWG0801860	
Benzo(a)pyrene	ND	U	0.12	0.015	1	05/16/08	05/20/08	JWG0801860	
Indeno(1,2,3-cd)pyrene	ND	U	0.12	0.017	1	05/16/08	05/20/08	JWG0801860	
Dibenz(a,h)anthracene	ND	U	0.12	0.016	1	05/16/08	05/20/08	JWG0801860	
Benzo(g,h,i)perylene	ND	U	0.12	0.016	1	05/16/08	05/20/08	JWG0801860	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	23	22-105	05/20/08	Acceptable
p-Terphenyl-d14	18	25-127	05/20/08	Outside Control Limits

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX-PCA25-MW03-051308	**Units:**	ug/L
Lab Code:	J0802283-005	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	**2.3**		0.12	0.049	1	05/14/08	05/16/08	JWG0801818	
2-Methylnaphthalene	**0.42**		0.12	0.040	1	05/14/08	05/16/08	JWG0801818	
1-Methylnaphthalene	**0.17**		0.12	0.039	1	05/14/08	05/16/08	JWG0801818	
Acenaphthylene	ND	U	0.12	0.043	1	05/14/08	05/16/08	JWG0801818	
Acenaphthene	**0.084**	I	0.12	0.043	1	05/14/08	05/16/08	JWG0801818	
Fluorene	**0.052**	I	0.12	0.044	1	05/14/08	05/16/08	JWG0801818	
Phenanthrene	**0.060**	I	0.12	0.040	1	05/14/08	05/16/08	JWG0801818	
Anthracene	ND	U	0.12	0.033	1	05/14/08	05/16/08	JWG0801818	
Fluoranthene	ND	U	0.12	0.024	1	05/14/08	05/16/08	JWG0801818	
Pyrene	ND	U	0.12	0.023	1	05/14/08	05/16/08	JWG0801818	
Benz(a)anthracene	ND	U	0.12	0.015	1	05/14/08	05/16/08	JWG0801818	
Chrysene	ND	U	0.12	0.012	1	05/14/08	05/16/08	JWG0801818	
Benzo(b)fluoranthene	ND	U	0.12	0.016	1	05/14/08	05/16/08	JWG0801818	
Benzo(k)fluoranthene	ND	U	0.12	0.016	1	05/14/08	05/16/08	JWG0801818	
Benzo(a)pyrene	ND	U	0.12	0.015	1	05/14/08	05/16/08	JWG0801818	
Indeno(1,2,3-cd)pyrene	ND	U	0.12	0.017	1	05/14/08	05/16/08	JWG0801818	
Dibenz(a,h)anthracene	ND	U	0.12	0.016	1	05/14/08	05/16/08	JWG0801818	
Benzo(g,h,i)perylene	ND	U	0.12	0.016	1	05/14/08	05/16/08	JWG0801818	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	45	22-105	05/16/08	Acceptable
p-Terphenyl-d14	42	25-127	05/16/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX-PCA25-MW13-051308	**Units:**	ug/L
Lab Code:	J0802283-006	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.11	0.046	1	05/14/08	05/16/08	JWG0801818	
2-Methylnaphthalene	ND	U	0.11	0.038	1	05/14/08	05/16/08	JWG0801818	
1-Methylnaphthalene	**0.23**		0.11	0.037	1	05/14/08	05/16/08	JWG0801818	
Acenaphthylene	ND	U	0.11	0.040	1	05/14/08	05/16/08	JWG0801818	
Acenaphthene	**0.38**		0.11	0.040	1	05/14/08	05/16/08	JWG0801818	
Fluorene	**0.16**		0.11	0.041	1	05/14/08	05/16/08	JWG0801818	
Phenanthrene	**0.11**	I	0.11	0.038	1	05/14/08	05/16/08	JWG0801818	
Anthracene	ND	U	0.11	0.030	1	05/14/08	05/16/08	JWG0801818	
Fluoranthene	ND	U	0.11	0.022	1	05/14/08	05/16/08	JWG0801818	
Pyrene	ND	U	0.11	0.021	1	05/14/08	05/16/08	JWG0801818	
Benz(a)anthracene	ND	U	0.11	0.014	1	05/14/08	05/16/08	JWG0801818	
Chrysene	ND	U	0.11	0.011	1	05/14/08	05/16/08	JWG0801818	
Benzo(b)fluoranthene	ND	U	0.11	0.015	1	05/14/08	05/16/08	JWG0801818	
Benzo(k)fluoranthene	ND	U	0.11	0.015	1	05/14/08	05/16/08	JWG0801818	
Benzo(a)pyrene	ND	U	0.11	0.014	1	05/14/08	05/16/08	JWG0801818	
Indeno(1,2,3-cd)pyrene	ND	U	0.11	0.016	1	05/14/08	05/16/08	JWG0801818	
Dibenz(a,h)anthracene	ND	U	0.11	0.015	1	05/14/08	05/16/08	JWG0801818	
Benzo(g,h,i)perylene	ND	U	0.11	0.015	1	05/14/08	05/16/08	JWG0801818	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	54	22-105	05/16/08	Acceptable
p-Terphenyl-d14	60	25-127	05/16/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX-PCA25-TF-MW04-051308	**Units:**	ug/L
Lab Code:	J0802283-007	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	**0.061**	I	0.11	0.047	1	05/14/08	05/16/08	JWG0801818	
2-Methylnaphthalene	**0.24**		0.11	0.039	1	05/14/08	05/16/08	JWG0801818	
1-Methylnaphthalene	**0.24**		0.11	0.038	1	05/14/08	05/16/08	JWG0801818	
Acenaphthylene	ND	U	0.11	0.041	1	05/14/08	05/16/08	JWG0801818	
Acenaphthene	**0.42**		0.11	0.041	1	05/14/08	05/16/08	JWG0801818	
Fluorene	ND	U	0.11	0.042	1	05/14/08	05/16/08	JWG0801818	
Phenanthrene	**0.045**	I	0.11	0.039	1	05/14/08	05/16/08	JWG0801818	
Anthracene	ND	U	0.11	0.031	1	05/14/08	05/16/08	JWG0801818	
Fluoranthene	ND	U	0.11	0.023	1	05/14/08	05/16/08	JWG0801818	
Pyrene	ND	U	0.11	0.022	1	05/14/08	05/16/08	JWG0801818	
Benz(a)anthracene	ND	U	0.11	0.014	1	05/14/08	05/16/08	JWG0801818	
Chrysene	ND	U	0.11	0.011	1	05/14/08	05/16/08	JWG0801818	
Benzo(b)fluoranthene	ND	U	0.11	0.015	1	05/14/08	05/16/08	JWG0801818	
Benzo(k)fluoranthene	ND	U	0.11	0.015	1	05/14/08	05/16/08	JWG0801818	
Benzo(a)pyrene	ND	U	0.11	0.014	1	05/14/08	05/16/08	JWG0801818	
Indeno(1,2,3-cd)pyrene	ND	U	0.11	0.016	1	05/14/08	05/16/08	JWG0801818	
Dibenz(a,h)anthracene	ND	U	0.11	0.015	1	05/14/08	05/16/08	JWG0801818	
Benzo(g,h,i)perylene	ND	U	0.11	0.015	1	05/14/08	05/16/08	JWG0801818	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	60	22-105	05/16/08	Acceptable
p-Terphenyl-d14	65	25-127	05/16/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0801818-4	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.10	0.044	1	05/14/08	05/15/08	JWG0801818	
2-Methylnaphthalene	ND	U	0.10	0.036	1	05/14/08	05/15/08	JWG0801818	
1-Methylnaphthalene	ND	U	0.10	0.035	1	05/14/08	05/15/08	JWG0801818	
Acenaphthylene	ND	U	0.10	0.038	1	05/14/08	05/15/08	JWG0801818	
Acenaphthene	ND	U	0.10	0.038	1	05/14/08	05/15/08	JWG0801818	
Fluorene	ND	U	0.10	0.039	1	05/14/08	05/15/08	JWG0801818	
Phenanthrene	ND	U	0.10	0.036	1	05/14/08	05/15/08	JWG0801818	
Anthracene	ND	U	0.10	0.029	1	05/14/08	05/15/08	JWG0801818	
Fluoranthene	ND	U	0.10	0.021	1	05/14/08	05/15/08	JWG0801818	
Pyrene	ND	U	0.10	0.020	1	05/14/08	05/15/08	JWG0801818	
Benz(a)anthracene	ND	U	0.10	0.013	1	05/14/08	05/15/08	JWG0801818	
Chrysene	ND	U	0.10	0.010	1	05/14/08	05/15/08	JWG0801818	
Benzo(b)fluoranthene	ND	U	0.10	0.014	1	05/14/08	05/15/08	JWG0801818	
Benzo(k)fluoranthene	ND	U	0.10	0.014	1	05/14/08	05/15/08	JWG0801818	
Benzo(a)pyrene	ND	U	0.10	0.013	1	05/14/08	05/15/08	JWG0801818	
Indeno(1,2,3-cd)pyrene	ND	U	0.10	0.015	1	05/14/08	05/15/08	JWG0801818	
Dibenz(a,h)anthracene	ND	U	0.10	0.014	1	05/14/08	05/15/08	JWG0801818	
Benzo(g,h,i)perylene	ND	U	0.10	0.014	1	05/14/08	05/15/08	JWG0801818	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	60	22-105	05/15/08	Acceptable
p-Terphenyl-d14	67	25-127	05/15/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0801860-3	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.10	0.044	1	05/16/08	05/20/08	JWG0801860	
2-Methylnaphthalene	ND	U	0.10	0.036	1	05/16/08	05/20/08	JWG0801860	
1-Methylnaphthalene	ND	U	0.10	0.035	1	05/16/08	05/20/08	JWG0801860	
Acenaphthylene	ND	U	0.10	0.038	1	05/16/08	05/20/08	JWG0801860	
Acenaphthene	ND	U	0.10	0.038	1	05/16/08	05/20/08	JWG0801860	
Fluorene	ND	U	0.10	0.039	1	05/16/08	05/20/08	JWG0801860	
Phenanthrene	ND	U	0.10	0.036	1	05/16/08	05/20/08	JWG0801860	
Anthracene	ND	U	0.10	0.029	1	05/16/08	05/20/08	JWG0801860	
Fluoranthene	ND	U	0.10	0.021	1	05/16/08	05/20/08	JWG0801860	
Pyrene	ND	U	0.10	0.020	1	05/16/08	05/20/08	JWG0801860	
Benz(a)anthracene	ND	U	0.10	0.013	1	05/16/08	05/20/08	JWG0801860	
Chrysene	ND	U	0.10	0.010	1	05/16/08	05/20/08	JWG0801860	
Benzo(b)fluoranthene	ND	U	0.10	0.014	1	05/16/08	05/20/08	JWG0801860	
Benzo(k)fluoranthene	ND	U	0.10	0.014	1	05/16/08	05/20/08	JWG0801860	
Benzo(a)pyrene	ND	U	0.10	0.013	1	05/16/08	05/20/08	JWG0801860	
Indeno(1,2,3-cd)pyrene	ND	U	0.10	0.015	1	05/16/08	05/20/08	JWG0801860	
Dibenz(a,h)anthracene	ND	U	0.10	0.014	1	05/16/08	05/20/08	JWG0801860	
Benzo(g,h,i)perylene	ND	U	0.10	0.014	1	05/16/08	05/20/08	JWG0801860	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	63	22-105	05/20/08	Acceptable
p-Terphenyl-d14	62	25-127	05/20/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX-PCA25-MW11-051308	**Units:**	mg/L
Lab Code:	J0802283-001	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	ND	U	0.42	0.063	1	05/14/08	05/22/08	JWG0801838	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
n-Nonatriacontane	60	19-141	05/22/08	Acceptable
o-Terphenyl	72	49-116	05/22/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX-PCA25-MW02-051308	**Units:**	mg/L
Lab Code:	J0802283-002	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	ND	U	0.44	0.066	1	05/14/08	05/22/08	JWG0801838	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
n-Nonatriacontane	63	19-141	05/22/08	Acceptable
o-Terphenyl	75	49-116	05/22/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX-PCA25-MW01-051308	**Units:**	mg/L
Lab Code:	J0802283-003	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	**0.22**	I	0.43	0.064	1	05/14/08	05/22/08	JWG0801838	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
n-Nonatriacontane	67	19-141	05/22/08	Acceptable
o-Terphenyl	81	49-116	05/22/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX-PCA25-MW04-051308	**Units:**	mg/L
Lab Code:	J0802283-004	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	**0.30**	I	0.44	0.066	1	05/14/08	05/22/08	JWG0801838	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
n-Nonatriacontane	55	19-141	05/22/08	Acceptable
o-Terphenyl	70	49-116	05/22/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX-PCA25-MW03-051308	**Units:**	mg/L
Lab Code:	J0802283-005	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	**1.5**		0.46	0.069	1	05/14/08	05/22/08	JWG0801838	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
n-Nonatriacontane	60	19-141	05/22/08	Acceptable
o-Terphenyl	73	49-116	05/22/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX-PCA25-MW13-051308	**Units:**	mg/L
Lab Code:	J0802283-006	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	**1.0**		0.43	0.064	1	05/14/08	05/22/08	JWG0801838	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
n-Nonatriacontane	63	19-141	05/22/08	Acceptable
o-Terphenyl	77	49-116	05/22/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX-PCA25-TF-MW04-051308	**Units:**	mg/L
Lab Code:	J0802283-007	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	**0.32**	I	0.43	0.064	1	05/14/08	05/22/08	JWG0801838	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
n-Nonatriacontane	68	19-141	05/22/08	Acceptable
o-Terphenyl	80	49-116	05/22/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	Method Blank	**Units:**	mg/L
Lab Code:	JWG0801838-1	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	ND	U	0.40	0.060	1	05/14/08	05/22/08	JWG0801838	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
n-Nonatriacontane	60	19-141	05/22/08	Acceptable
o-Terphenyl	77	49-116	05/22/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX-PCA25-MW11-051308	**Units:**	ug/L
Lab Code:	J0802283-001	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	05/14/08	05/16/08	JWG0801809	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	122	77-150	05/16/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX-PCA25-MW02-051308	**Units:**	ug/L
Lab Code:	J0802283-002	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	05/14/08	05/16/08	JWG0801809	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	117	77-150	05/16/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX-PCA25-MW01-051308	**Units:**	ug/L
Lab Code:	J0802283-003	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	05/14/08	05/16/08	JWG0801809	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	114	77-150	05/16/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX-PCA25-MW04-051308	**Units:**	ug/L
Lab Code:	J0802283-004	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	05/14/08	05/16/08	JWG0801809	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	112	77-150	05/16/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX-PCA25-MW03-051308	**Units:**	ug/L
Lab Code:	J0802283-005	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	05/14/08	05/16/08	JWG0801809	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	140	77-150	05/16/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX-PCA25-MW13-051308	**Units:**	ug/L
Lab Code:	J0802283-006	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	05/14/08	05/16/08	JWG0801809	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	113	77-150	05/16/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	05/13/2008
Sample Matrix:	Water	**Date Received:**	05/13/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX-PCA25-TF-MW04-051308	**Units:**	ug/L
Lab Code:	J0802283-007	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	05/14/08	05/16/08	JWG0801809	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	115	77-150	05/16/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802283
Project:	PCA25/112G00132	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

1,2-Dibromoethane by GC-ECD

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0801809-4	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	05/14/08	05/15/08	JWG0801809	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	107	77-150	05/15/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX-PCA25-MW11-051308

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 112G00132 SAS No.: SDG NO.: J0802283

Matrix (soil/water): WATER Lab Sample ID: J0802283-001

Level (low/med): LOW Date Received: 5/13/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.22	i		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX-PCA25-MW02-051308

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 112G00132 SAS No.: SDG NO.: J0802283

Matrix (soil/water): WATER Lab Sample ID: J0802283-002

Level (low/med): LOW Date Received: 5/13/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.20	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX-PCA25-MW01-051308

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 112G00132 SAS No.: SDG NO.: J0802283

Matrix (soil/water): WATER Lab Sample ID: J0802283-003

Level (low/med): LOW Date Received: 5/13/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	10			MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX-PCA25-MW04-051308

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 112G00132 SAS No.: SDG NO.: J0802283

Matrix (soil/water): WATER Lab Sample ID: J0802283-004

Level (low/med): LOW Date Received: 5/13/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	1.4			MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX-PCA25-MW03-051308

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 112G00132 SAS No.: SDG NO.: J0802283

Matrix (soil/water): WATER Lab Sample ID: J0802283-005

Level (low/med): LOW Date Received: 5/13/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	20			MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX-PCA25-MW13-051308

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 112G00132 SAS No.: SDG NO.: J0802283

Matrix (soil/water): WATER Lab Sample ID: J0802283-006

Level (low/med): LOW Date Received: 5/13/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	3.2			MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX-PCA25-TF-MW04-05130

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 112G00132 SAS No.: SDG NO.: J0802283

Matrix (soil/water): WATER Lab Sample ID: J0802283-007

Level (low/med): LOW Date Received: 5/13/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	4.3			MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	05/14/2008
Sample Matrix:	Water	**Date Received:**	05/14/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX-PCA25-MW09-051408	**Units:**	ug/L
Lab Code:	J0802321-001	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.17	1	05/17/08	05/17/08	JWG0801852	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.14	1	05/17/08	05/17/08	JWG0801852	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	05/17/08	05/17/08	JWG0801852	
1,1-Dichloroethane	ND	U	1.0	0.23	1	05/17/08	05/17/08	JWG0801852	
1,1-Dichloroethene	ND	U	1.0	0.27	1	05/17/08	05/17/08	JWG0801852	
1,2,4-Trichlorobenzene	ND	U	10	0.97	1	05/17/08	05/17/08	JWG0801852	
1,2-Dichlorobenzene	ND	U	1.0	0.34	1	05/17/08	05/17/08	JWG0801852	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.18	1	05/17/08	05/17/08	JWG0801852	
1,2-Dichloropropane	ND	U	1.0	0.18	1	05/17/08	05/17/08	JWG0801852	
1,3-Dichlorobenzene	ND	U	1.0	0.34	1	05/17/08	05/17/08	JWG0801852	
1,4-Dichlorobenzene	ND	U	1.0	0.21	1	05/17/08	05/17/08	JWG0801852	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.56	1	05/17/08	05/17/08	JWG0801852	
Benzene	ND	U	1.0	0.20	1	05/17/08	05/17/08	JWG0801852	
Bromodichloromethane	ND	U	1.0	0.15	1	05/17/08	05/17/08	JWG0801852	
Bromoform	ND	U	1.0	0.24	1	05/17/08	05/17/08	JWG0801852	
Bromomethane	ND	U	1.0	0.20	1	05/17/08	05/17/08	JWG0801852	
Carbon Tetrachloride	ND	U	1.0	0.26	1	05/17/08	05/17/08	JWG0801852	
Chlorobenzene	ND	U	1.0	0.19	1	05/17/08	05/17/08	JWG0801852	
Chloroethane	ND	U	1.0	0.24	1	05/17/08	05/17/08	JWG0801852	
Chloroform	ND	U	1.0	0.18	1	05/17/08	05/17/08	JWG0801852	
Chloromethane	ND	U	1.0	0.21	1	05/17/08	05/17/08	JWG0801852	
cis-1,2-Dichloroethene	ND	U	1.0	0.20	1	05/17/08	05/17/08	JWG0801852	
cis-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/17/08	05/17/08	JWG0801852	
Dibromochloromethane	ND	UJ	1.0	0.25	1	05/17/08	05/17/08	JWG0801852	J(3)
Dichlorodifluoromethane	ND	U	5.0	0.25	1	05/17/08	05/17/08	JWG0801852	
Ethylbenzene	ND	U	1.0	0.20	1	05/17/08	05/17/08	JWG0801852	
m,p-Xylenes	ND	U	2.0	0.47	1	05/17/08	05/17/08	JWG0801852	
Methyl tert-Butyl Ether	ND	U	2.0	0.16	1	05/17/08	05/17/08	JWG0801852	
Methylene Chloride	ND	U	5.0	0.51	1	05/17/08	05/17/08	JWG0801852	
o-Xylene	ND	U	1.0	0.25	1	05/17/08	05/17/08	JWG0801852	
Tetrachloroethene (PCE)	ND	U	1.0	0.44	1	05/17/08	05/17/08	JWG0801852	
Toluene	ND	U	1.0	0.14	1	05/17/08	05/17/08	JWG0801852	
trans-1,2-Dichloroethene	ND	U	1.0	0.22	1	05/17/08	05/17/08	JWG0801852	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	05/14/2008
Sample Matrix:	Water	**Date Received:**	05/14/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX-PCA25-MW09-051408	**Units:**	ug/L
Lab Code:	J0802321-001	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
trans-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/17/08	05/17/08	JWG0801852	
Trichloroethene (TCE)	ND	U	1.0	0.23	1	05/17/08	05/17/08	JWG0801852	
Trichlorofluoromethane	ND	U	1.0	0.26	1	05/17/08	05/17/08	JWG0801852	
Vinyl Chloride	ND	U	1.0	0.23	1	05/17/08	05/17/08	JWG0801852	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	84	75-120	05/17/08	Acceptable
Dibromofluoromethane	91	82-116	05/17/08	Acceptable
Toluene-d8	110	88-117	05/17/08	Acceptable

† **Analyte Comments**

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	05/14/2008
Sample Matrix:	Water	**Date Received:**	05/14/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX-PCA25-MW12-051408	**Units:**	ug/L
Lab Code:	J0802321-002	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.17	1	05/17/08	05/17/08	JWG0801852	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.14	1	05/17/08	05/17/08	JWG0801852	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	05/17/08	05/17/08	JWG0801852	
1,1-Dichloroethane	ND	U	1.0	0.23	1	05/17/08	05/17/08	JWG0801852	
1,1-Dichloroethene	ND	U	1.0	0.27	1	05/17/08	05/17/08	JWG0801852	
1,2,4-Trichlorobenzene	ND	U	10	0.97	1	05/17/08	05/17/08	JWG0801852	
1,2-Dichlorobenzene	ND	U	1.0	0.34	1	05/17/08	05/17/08	JWG0801852	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.18	1	05/17/08	05/17/08	JWG0801852	
1,2-Dichloropropane	ND	U	1.0	0.18	1	05/17/08	05/17/08	JWG0801852	
1,3-Dichlorobenzene	ND	U	1.0	0.34	1	05/17/08	05/17/08	JWG0801852	
1,4-Dichlorobenzene	ND	U	1.0	0.21	1	05/17/08	05/17/08	JWG0801852	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.56	1	05/17/08	05/17/08	JWG0801852	
Benzene	ND	U	1.0	0.20	1	05/17/08	05/17/08	JWG0801852	
Bromodichloromethane	ND	U	1.0	0.15	1	05/17/08	05/17/08	JWG0801852	
Bromoform	ND	U	1.0	0.24	1	05/17/08	05/17/08	JWG0801852	
Bromomethane	ND	U	1.0	0.20	1	05/17/08	05/17/08	JWG0801852	
Carbon Tetrachloride	ND	U	1.0	0.26	1	05/17/08	05/17/08	JWG0801852	
Chlorobenzene	ND	U	1.0	0.19	1	05/17/08	05/17/08	JWG0801852	
Chloroethane	ND	U	1.0	0.24	1	05/17/08	05/17/08	JWG0801852	
Chloroform	ND	U	1.0	0.18	1	05/17/08	05/17/08	JWG0801852	
Chloromethane	ND	U	1.0	0.21	1	05/17/08	05/17/08	JWG0801852	
cis-1,2-Dichloroethene	ND	U	1.0	0.20	1	05/17/08	05/17/08	JWG0801852	
cis-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/17/08	05/17/08	JWG0801852	
Dibromochloromethane	ND	UJ	1.0	0.25	1	05/17/08	05/17/08	JWG0801852	J(3)
Dichlorodifluoromethane	ND	U	5.0	0.25	1	05/17/08	05/17/08	JWG0801852	
Ethylbenzene	ND	U	1.0	0.20	1	05/17/08	05/17/08	JWG0801852	
m,p-Xylenes	ND	U	2.0	0.47	1	05/17/08	05/17/08	JWG0801852	
Methyl tert-Butyl Ether	ND	U	2.0	0.16	1	05/17/08	05/17/08	JWG0801852	
Methylene Chloride	ND	U	5.0	0.51	1	05/17/08	05/17/08	JWG0801852	
o-Xylene	ND	U	1.0	0.25	1	05/17/08	05/17/08	JWG0801852	
Tetrachloroethene (PCE)	ND	U	1.0	0.44	1	05/17/08	05/17/08	JWG0801852	
Toluene	ND	U	1.0	0.14	1	05/17/08	05/17/08	JWG0801852	
trans-1,2-Dichloroethene	ND	U	1.0	0.22	1	05/17/08	05/17/08	JWG0801852	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	05/14/2008
Sample Matrix:	Water	**Date Received:**	05/14/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX-PCA25-MW12-051408	**Units:**	ug/L
Lab Code:	J0802321-002	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
trans-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/17/08	05/17/08	JWG0801852	
Trichloroethene (TCE)	ND	U	1.0	0.23	1	05/17/08	05/17/08	JWG0801852	
Trichlorofluoromethane	ND	U	1.0	0.26	1	05/17/08	05/17/08	JWG0801852	
Vinyl Chloride	ND	U	1.0	0.23	1	05/17/08	05/17/08	JWG0801852	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	86	75-120	05/17/08	Acceptable
Dibromofluoromethane	92	82-116	05/17/08	Acceptable
Toluene-d8	112	88-117	05/17/08	Acceptable

† **Analyte Comments**

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	05/14/2008
Sample Matrix:	Water	**Date Received:**	05/14/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX-PCA25-MW14-051408	**Units:**	ug/L
Lab Code:	J0802321-003	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.17	1	05/17/08	05/17/08	JWG0801852	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.14	1	05/17/08	05/17/08	JWG0801852	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	05/17/08	05/17/08	JWG0801852	
1,1-Dichloroethane	ND	U	1.0	0.23	1	05/17/08	05/17/08	JWG0801852	
1,1-Dichloroethene	ND	U	1.0	0.27	1	05/17/08	05/17/08	JWG0801852	
1,2,4-Trichlorobenzene	ND	U	10	0.97	1	05/17/08	05/17/08	JWG0801852	
1,2-Dichlorobenzene	ND	U	1.0	0.34	1	05/17/08	05/17/08	JWG0801852	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.18	1	05/17/08	05/17/08	JWG0801852	
1,2-Dichloropropane	ND	U	1.0	0.18	1	05/17/08	05/17/08	JWG0801852	
1,3-Dichlorobenzene	ND	U	1.0	0.34	1	05/17/08	05/17/08	JWG0801852	
1,4-Dichlorobenzene	ND	U	1.0	0.21	1	05/17/08	05/17/08	JWG0801852	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.56	1	05/17/08	05/17/08	JWG0801852	
Benzene	ND	U	1.0	0.20	1	05/17/08	05/17/08	JWG0801852	
Bromodichloromethane	ND	U	1.0	0.15	1	05/17/08	05/17/08	JWG0801852	
Bromoform	ND	U	1.0	0.24	1	05/17/08	05/17/08	JWG0801852	
Bromomethane	ND	U	1.0	0.20	1	05/17/08	05/17/08	JWG0801852	
Carbon Tetrachloride	ND	U	1.0	0.26	1	05/17/08	05/17/08	JWG0801852	
Chlorobenzene	ND	U	1.0	0.19	1	05/17/08	05/17/08	JWG0801852	
Chloroethane	ND	U	1.0	0.24	1	05/17/08	05/17/08	JWG0801852	
Chloroform	ND	U	1.0	0.18	1	05/17/08	05/17/08	JWG0801852	
Chloromethane	ND	U	1.0	0.21	1	05/17/08	05/17/08	JWG0801852	
cis-1,2-Dichloroethene	ND	U	1.0	0.20	1	05/17/08	05/17/08	JWG0801852	
cis-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/17/08	05/17/08	JWG0801852	
Dibromochloromethane	ND	UJ	1.0	0.25	1	05/17/08	05/17/08	JWG0801852	J(3)
Dichlorodifluoromethane	ND	U	5.0	0.25	1	05/17/08	05/17/08	JWG0801852	
Ethylbenzene	ND	U	1.0	0.20	1	05/17/08	05/17/08	JWG0801852	
m,p-Xylenes	ND	U	2.0	0.47	1	05/17/08	05/17/08	JWG0801852	
Methyl tert-Butyl Ether	ND	U	2.0	0.16	1	05/17/08	05/17/08	JWG0801852	
Methylene Chloride	ND	U	5.0	0.51	1	05/17/08	05/17/08	JWG0801852	
o-Xylene	ND	U	1.0	0.25	1	05/17/08	05/17/08	JWG0801852	
Tetrachloroethene (PCE)	ND	U	1.0	0.44	1	05/17/08	05/17/08	JWG0801852	
Toluene	ND	U	1.0	0.14	1	05/17/08	05/17/08	JWG0801852	
trans-1,2-Dichloroethene	ND	U	1.0	0.22	1	05/17/08	05/17/08	JWG0801852	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	05/14/2008
Sample Matrix:	Water	**Date Received:**	05/14/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX-PCA25-MW14-051408	**Units:**	ug/L
Lab Code:	J0802321-003	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
trans-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/17/08	05/17/08	JWG0801852	
Trichloroethene (TCE)	ND	U	1.0	0.23	1	05/17/08	05/17/08	JWG0801852	
Trichlorofluoromethane	ND	U	1.0	0.26	1	05/17/08	05/17/08	JWG0801852	
Vinyl Chloride	ND	U	1.0	0.23	1	05/17/08	05/17/08	JWG0801852	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	85	75-120	05/17/08	Acceptable
Dibromofluoromethane	92	82-116	05/17/08	Acceptable
Toluene-d8	110	88-117	05/17/08	Acceptable

† **Analyte Comments**

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	05/14/2008
Sample Matrix:	Water	**Date Received:**	05/14/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX-PCA25-MW15-051408	**Units:**	ug/L
Lab Code:	J0802321-004	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.17	1	05/17/08	05/17/08	JWG0801852	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.14	1	05/17/08	05/17/08	JWG0801852	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	05/17/08	05/17/08	JWG0801852	
1,1-Dichloroethane	ND	U	1.0	0.23	1	05/17/08	05/17/08	JWG0801852	
1,1-Dichloroethene	ND	U	1.0	0.27	1	05/17/08	05/17/08	JWG0801852	
1,2,4-Trichlorobenzene	ND	U	10	0.97	1	05/17/08	05/17/08	JWG0801852	
1,2-Dichlorobenzene	ND	U	1.0	0.34	1	05/17/08	05/17/08	JWG0801852	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.18	1	05/17/08	05/17/08	JWG0801852	
1,2-Dichloropropane	ND	U	1.0	0.18	1	05/17/08	05/17/08	JWG0801852	
1,3-Dichlorobenzene	ND	U	1.0	0.34	1	05/17/08	05/17/08	JWG0801852	
1,4-Dichlorobenzene	ND	U	1.0	0.21	1	05/17/08	05/17/08	JWG0801852	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.56	1	05/17/08	05/17/08	JWG0801852	
Benzene	ND	U	1.0	0.20	1	05/17/08	05/17/08	JWG0801852	
Bromodichloromethane	ND	U	1.0	0.15	1	05/17/08	05/17/08	JWG0801852	
Bromoform	ND	U	1.0	0.24	1	05/17/08	05/17/08	JWG0801852	
Bromomethane	ND	U	1.0	0.20	1	05/17/08	05/17/08	JWG0801852	
Carbon Tetrachloride	ND	U	1.0	0.26	1	05/17/08	05/17/08	JWG0801852	
Chlorobenzene	ND	U	1.0	0.19	1	05/17/08	05/17/08	JWG0801852	
Chloroethane	ND	U	1.0	0.24	1	05/17/08	05/17/08	JWG0801852	
Chloroform	ND	U	1.0	0.18	1	05/17/08	05/17/08	JWG0801852	
Chloromethane	ND	U	1.0	0.21	1	05/17/08	05/17/08	JWG0801852	
cis-1,2-Dichloroethene	ND	U	1.0	0.20	1	05/17/08	05/17/08	JWG0801852	
cis-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/17/08	05/17/08	JWG0801852	
Dibromochloromethane	ND	UJ	1.0	0.25	1	05/17/08	05/17/08	JWG0801852	J(3)
Dichlorodifluoromethane	ND	U	5.0	0.25	1	05/17/08	05/17/08	JWG0801852	
Ethylbenzene	ND	U	1.0	0.20	1	05/17/08	05/17/08	JWG0801852	
m,p-Xylenes	ND	U	2.0	0.47	1	05/17/08	05/17/08	JWG0801852	
Methyl tert-Butyl Ether	ND	U	2.0	0.16	1	05/17/08	05/17/08	JWG0801852	
Methylene Chloride	ND	U	5.0	0.51	1	05/17/08	05/17/08	JWG0801852	
o-Xylene	ND	U	1.0	0.25	1	05/17/08	05/17/08	JWG0801852	
Tetrachloroethene (PCE)	ND	U	1.0	0.44	1	05/17/08	05/17/08	JWG0801852	
Toluene	ND	U	1.0	0.14	1	05/17/08	05/17/08	JWG0801852	
trans-1,2-Dichloroethene	ND	U	1.0	0.22	1	05/17/08	05/17/08	JWG0801852	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	05/14/2008
Sample Matrix:	Water	**Date Received:**	05/14/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX-PCA25-MW15-051408	**Units:**	ug/L
Lab Code:	J0802321-004	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
trans-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/17/08	05/17/08	JWG0801852	
Trichloroethene (TCE)	ND	U	1.0	0.23	1	05/17/08	05/17/08	JWG0801852	
Trichlorofluoromethane	ND	U	1.0	0.26	1	05/17/08	05/17/08	JWG0801852	
Vinyl Chloride	ND	U	1.0	0.23	1	05/17/08	05/17/08	JWG0801852	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	85	75-120	05/17/08	Acceptable
Dibromofluoromethane	92	82-116	05/17/08	Acceptable
Toluene-d8	111	88-117	05/17/08	Acceptable

† Analyte Comments

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	05/14/2008
Sample Matrix:	Water	**Date Received:**	05/14/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX-PCA25-MW07-051408	**Units:**	ug/L
Lab Code:	J0802321-005	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.17	1	05/17/08	05/17/08	JWG0801852	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.14	1	05/17/08	05/17/08	JWG0801852	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	05/17/08	05/17/08	JWG0801852	
1,1-Dichloroethane	ND	U	1.0	0.23	1	05/17/08	05/17/08	JWG0801852	
1,1-Dichloroethene	ND	U	1.0	0.27	1	05/17/08	05/17/08	JWG0801852	
1,2,4-Trichlorobenzene	ND	U	10	0.97	1	05/17/08	05/17/08	JWG0801852	
1,2-Dichlorobenzene	ND	U	1.0	0.34	1	05/17/08	05/17/08	JWG0801852	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.18	1	05/17/08	05/17/08	JWG0801852	
1,2-Dichloropropane	ND	U	1.0	0.18	1	05/17/08	05/17/08	JWG0801852	
1,3-Dichlorobenzene	ND	U	1.0	0.34	1	05/17/08	05/17/08	JWG0801852	
1,4-Dichlorobenzene	ND	U	1.0	0.21	1	05/17/08	05/17/08	JWG0801852	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.56	1	05/17/08	05/17/08	JWG0801852	
Benzene	ND	U	1.0	0.20	1	05/17/08	05/17/08	JWG0801852	
Bromodichloromethane	ND	U	1.0	0.15	1	05/17/08	05/17/08	JWG0801852	
Bromoform	ND	U	1.0	0.24	1	05/17/08	05/17/08	JWG0801852	
Bromomethane	ND	U	1.0	0.20	1	05/17/08	05/17/08	JWG0801852	
Carbon Tetrachloride	ND	U	1.0	0.26	1	05/17/08	05/17/08	JWG0801852	
Chlorobenzene	ND	U	1.0	0.19	1	05/17/08	05/17/08	JWG0801852	
Chloroethane	ND	U	1.0	0.24	1	05/17/08	05/17/08	JWG0801852	
Chloroform	ND	U	1.0	0.18	1	05/17/08	05/17/08	JWG0801852	
Chloromethane	ND	U	1.0	0.21	1	05/17/08	05/17/08	JWG0801852	
cis-1,2-Dichloroethene	ND	U	1.0	0.20	1	05/17/08	05/17/08	JWG0801852	
cis-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/17/08	05/17/08	JWG0801852	
Dibromochloromethane	ND	UJ	1.0	0.25	1	05/17/08	05/17/08	JWG0801852	J(3)
Dichlorodifluoromethane	ND	U	5.0	0.25	1	05/17/08	05/17/08	JWG0801852	
Ethylbenzene	ND	U	1.0	0.20	1	05/17/08	05/17/08	JWG0801852	
m,p-Xylenes	ND	U	2.0	0.47	1	05/17/08	05/17/08	JWG0801852	
Methyl tert-Butyl Ether	ND	U	2.0	0.16	1	05/17/08	05/17/08	JWG0801852	
Methylene Chloride	ND	U	5.0	0.51	1	05/17/08	05/17/08	JWG0801852	
o-Xylene	ND	U	1.0	0.25	1	05/17/08	05/17/08	JWG0801852	
Tetrachloroethene (PCE)	ND	U	1.0	0.44	1	05/17/08	05/17/08	JWG0801852	
Toluene	ND	U	1.0	0.14	1	05/17/08	05/17/08	JWG0801852	
trans-1,2-Dichloroethene	ND	U	1.0	0.22	1	05/17/08	05/17/08	JWG0801852	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	05/14/2008
Sample Matrix:	Water	**Date Received:**	05/14/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX-PCA25-MW07-051408	**Units:**	ug/L
Lab Code:	J0802321-005	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
trans-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/17/08	05/17/08	JWG0801852	
Trichloroethene (TCE)	ND	U	1.0	0.23	1	05/17/08	05/17/08	JWG0801852	
Trichlorofluoromethane	ND	U	1.0	0.26	1	05/17/08	05/17/08	JWG0801852	
Vinyl Chloride	ND	U	1.0	0.23	1	05/17/08	05/17/08	JWG0801852	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	86	75-120	05/17/08	Acceptable
Dibromofluoromethane	92	82-116	05/17/08	Acceptable
Toluene-d8	111	88-117	05/17/08	Acceptable

† **Analyte Comments**

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	05/14/2008
Sample Matrix:	Water	**Date Received:**	05/14/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX-PCA25-MW05-051408	**Units:**	ug/L
Lab Code:	J0802321-006	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.17	1	05/17/08	05/17/08	JWG0801852	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.14	1	05/17/08	05/17/08	JWG0801852	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	05/17/08	05/17/08	JWG0801852	
1,1-Dichloroethane	ND	U	1.0	0.23	1	05/17/08	05/17/08	JWG0801852	
1,1-Dichloroethene	ND	U	1.0	0.27	1	05/17/08	05/17/08	JWG0801852	
1,2,4-Trichlorobenzene	ND	U	10	0.97	1	05/17/08	05/17/08	JWG0801852	
1,2-Dichlorobenzene	ND	U	1.0	0.34	1	05/17/08	05/17/08	JWG0801852	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.18	1	05/17/08	05/17/08	JWG0801852	
1,2-Dichloropropane	ND	U	1.0	0.18	1	05/17/08	05/17/08	JWG0801852	
1,3-Dichlorobenzene	ND	U	1.0	0.34	1	05/17/08	05/17/08	JWG0801852	
1,4-Dichlorobenzene	ND	U	1.0	0.21	1	05/17/08	05/17/08	JWG0801852	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.56	1	05/17/08	05/17/08	JWG0801852	
Benzene	ND	U	1.0	0.20	1	05/17/08	05/17/08	JWG0801852	
Bromodichloromethane	ND	U	1.0	0.15	1	05/17/08	05/17/08	JWG0801852	
Bromoform	ND	U	1.0	0.24	1	05/17/08	05/17/08	JWG0801852	
Bromomethane	ND	U	1.0	0.20	1	05/17/08	05/17/08	JWG0801852	
Carbon Tetrachloride	ND	U	1.0	0.26	1	05/17/08	05/17/08	JWG0801852	
Chlorobenzene	ND	U	1.0	0.19	1	05/17/08	05/17/08	JWG0801852	
Chloroethane	ND	U	1.0	0.24	1	05/17/08	05/17/08	JWG0801852	
Chloroform	ND	U	1.0	0.18	1	05/17/08	05/17/08	JWG0801852	
Chloromethane	ND	U	1.0	0.21	1	05/17/08	05/17/08	JWG0801852	
cis-1,2-Dichloroethene	**0.67**	I	1.0	0.20	1	05/17/08	05/17/08	JWG0801852	
cis-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/17/08	05/17/08	JWG0801852	
Dibromochloromethane	ND	UJ	1.0	0.25	1	05/17/08	05/17/08	JWG0801852	J(3)
Dichlorodifluoromethane	ND	U	5.0	0.25	1	05/17/08	05/17/08	JWG0801852	
Ethylbenzene	ND	U	1.0	0.20	1	05/17/08	05/17/08	JWG0801852	
m,p-Xylenes	ND	U	2.0	0.47	1	05/17/08	05/17/08	JWG0801852	
Methyl tert-Butyl Ether	ND	U	2.0	0.16	1	05/17/08	05/17/08	JWG0801852	
Methylene Chloride	ND	U	5.0	0.51	1	05/17/08	05/17/08	JWG0801852	
o-Xylene	ND	U	1.0	0.25	1	05/17/08	05/17/08	JWG0801852	
Tetrachloroethene (PCE)	ND	U	1.0	0.44	1	05/17/08	05/17/08	JWG0801852	
Toluene	ND	U	1.0	0.14	1	05/17/08	05/17/08	JWG0801852	
trans-1,2-Dichloroethene	**0.85**	I	1.0	0.22	1	05/17/08	05/17/08	JWG0801852	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	05/14/2008
Sample Matrix:	Water	**Date Received:**	05/14/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX-PCA25-MW05-051408	**Units:**	ug/L
Lab Code:	J0802321-006	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
trans-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/17/08	05/17/08	JWG0801852	
Trichloroethene (TCE)	ND	U	1.0	0.23	1	05/17/08	05/17/08	JWG0801852	
Trichlorofluoromethane	ND	U	1.0	0.26	1	05/17/08	05/17/08	JWG0801852	
Vinyl Chloride	**0.98**	I	1.0	0.23	1	05/17/08	05/17/08	JWG0801852	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	85	75-120	05/17/08	Acceptable
Dibromofluoromethane	91	82-116	05/17/08	Acceptable
Toluene-d8	110	88-117	05/17/08	Acceptable

† **Analyte Comments**

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech NUS, Inc.
Project: NAS JAX/112G00132
Sample Matrix: Water

Service Request: J0802321
Date Collected: 05/14/2008
Date Received: 05/14/2008

Volatile Organic Compounds by GC/MS

Sample Name: Trip Blank
Lab Code: J0802321-007

Units: ug/L
Basis: NA

Extraction Method: EPA 5030B
Analysis Method: 8260B

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.17	1	05/17/08	05/17/08	JWG0801852	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.14	1	05/17/08	05/17/08	JWG0801852	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	05/17/08	05/17/08	JWG0801852	
1,1-Dichloroethane	ND	U	1.0	0.23	1	05/17/08	05/17/08	JWG0801852	
1,1-Dichloroethene	ND	U	1.0	0.27	1	05/17/08	05/17/08	JWG0801852	
1,2,4-Trichlorobenzene	ND	U	10	0.97	1	05/17/08	05/17/08	JWG0801852	
1,2-Dichlorobenzene	ND	U	1.0	0.34	1	05/17/08	05/17/08	JWG0801852	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.18	1	05/17/08	05/17/08	JWG0801852	
1,2-Dichloropropane	ND	U	1.0	0.18	1	05/17/08	05/17/08	JWG0801852	
1,3-Dichlorobenzene	ND	U	1.0	0.34	1	05/17/08	05/17/08	JWG0801852	
1,4-Dichlorobenzene	ND	U	1.0	0.21	1	05/17/08	05/17/08	JWG0801852	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.56	1	05/17/08	05/17/08	JWG0801852	
Benzene	ND	U	1.0	0.20	1	05/17/08	05/17/08	JWG0801852	
Bromodichloromethane	ND	U	1.0	0.15	1	05/17/08	05/17/08	JWG0801852	
Bromoform	ND	U	1.0	0.24	1	05/17/08	05/17/08	JWG0801852	
Bromomethane	ND	U	1.0	0.20	1	05/17/08	05/17/08	JWG0801852	
Carbon Tetrachloride	ND	U	1.0	0.26	1	05/17/08	05/17/08	JWG0801852	
Chlorobenzene	ND	U	1.0	0.19	1	05/17/08	05/17/08	JWG0801852	
Chloroethane	ND	U	1.0	0.24	1	05/17/08	05/17/08	JWG0801852	
Chloroform	ND	U	1.0	0.18	1	05/17/08	05/17/08	JWG0801852	
Chloromethane	ND	U	1.0	0.21	1	05/17/08	05/17/08	JWG0801852	
cis-1,2-Dichloroethene	ND	U	1.0	0.20	1	05/17/08	05/17/08	JWG0801852	
cis-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/17/08	05/17/08	JWG0801852	
Dibromochloromethane	ND	UJ	1.0	0.25	1	05/17/08	05/17/08	JWG0801852	J(3)
Dichlorodifluoromethane	ND	U	5.0	0.25	1	05/17/08	05/17/08	JWG0801852	
Ethylbenzene	ND	U	1.0	0.20	1	05/17/08	05/17/08	JWG0801852	
m,p-Xylenes	ND	U	2.0	0.47	1	05/17/08	05/17/08	JWG0801852	
Methyl tert-Butyl Ether	ND	U	2.0	0.16	1	05/17/08	05/17/08	JWG0801852	
Methylene Chloride	ND	U	5.0	0.51	1	05/17/08	05/17/08	JWG0801852	
o-Xylene	ND	U	1.0	0.25	1	05/17/08	05/17/08	JWG0801852	
Tetrachloroethene (PCE)	ND	U	1.0	0.44	1	05/17/08	05/17/08	JWG0801852	
Toluene	ND	U	1.0	0.14	1	05/17/08	05/17/08	JWG0801852	
trans-1,2-Dichloroethene	ND	U	1.0	0.22	1	05/17/08	05/17/08	JWG0801852	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	05/14/2008
Sample Matrix:	Water	**Date Received:**	05/14/2008

Volatile Organic Compounds by GC/MS

Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	J0802321-007	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
trans-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/17/08	05/17/08	JWG0801852	
Trichloroethene (TCE)	ND	U	1.0	0.23	1	05/17/08	05/17/08	JWG0801852	
Trichlorofluoromethane	ND	U	1.0	0.26	1	05/17/08	05/17/08	JWG0801852	
Vinyl Chloride	ND	U	1.0	0.23	1	05/17/08	05/17/08	JWG0801852	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	86	75-120	05/17/08	Acceptable
Dibromofluoromethane	90	82-116	05/17/08	Acceptable
Toluene-d8	111	88-117	05/17/08	Acceptable

† **Analyte Comments**

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0801852-4	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.17	1	05/16/08	05/16/08	JWG0801852	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.14	1	05/16/08	05/16/08	JWG0801852	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	05/16/08	05/16/08	JWG0801852	
1,1-Dichloroethane	ND	U	1.0	0.23	1	05/16/08	05/16/08	JWG0801852	
1,1-Dichloroethene	ND	U	1.0	0.27	1	05/16/08	05/16/08	JWG0801852	
1,2,4-Trichlorobenzene	ND	U	10	0.97	1	05/16/08	05/16/08	JWG0801852	
1,2-Dichlorobenzene	ND	U	1.0	0.34	1	05/16/08	05/16/08	JWG0801852	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.18	1	05/16/08	05/16/08	JWG0801852	
1,2-Dichloropropane	ND	U	1.0	0.18	1	05/16/08	05/16/08	JWG0801852	
1,3-Dichlorobenzene	ND	U	1.0	0.34	1	05/16/08	05/16/08	JWG0801852	
1,4-Dichlorobenzene	ND	U	1.0	0.21	1	05/16/08	05/16/08	JWG0801852	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.56	1	05/16/08	05/16/08	JWG0801852	
Benzene	ND	U	1.0	0.20	1	05/16/08	05/16/08	JWG0801852	
Bromodichloromethane	ND	U	1.0	0.15	1	05/16/08	05/16/08	JWG0801852	
Bromoform	ND	U	1.0	0.24	1	05/16/08	05/16/08	JWG0801852	
Bromomethane	ND	U	1.0	0.20	1	05/16/08	05/16/08	JWG0801852	
Carbon Tetrachloride	ND	U	1.0	0.26	1	05/16/08	05/16/08	JWG0801852	
Chlorobenzene	ND	U	1.0	0.19	1	05/16/08	05/16/08	JWG0801852	
Chloroethane	ND	U	1.0	0.24	1	05/16/08	05/16/08	JWG0801852	
Chloroform	ND	U	1.0	0.18	1	05/16/08	05/16/08	JWG0801852	
Chloromethane	ND	U	1.0	0.21	1	05/16/08	05/16/08	JWG0801852	
cis-1,2-Dichloroethene	ND	U	1.0	0.20	1	05/16/08	05/16/08	JWG0801852	
cis-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/16/08	05/16/08	JWG0801852	
Dibromochloromethane	ND	UJ	1.0	0.25	1	05/16/08	05/16/08	JWG0801852	J(3)
Dichlorodifluoromethane	ND	U	5.0	0.25	1	05/16/08	05/16/08	JWG0801852	
Ethylbenzene	ND	U	1.0	0.20	1	05/16/08	05/16/08	JWG0801852	
m,p-Xylenes	ND	U	2.0	0.47	1	05/16/08	05/16/08	JWG0801852	
Methyl tert-Butyl Ether	ND	U	2.0	0.16	1	05/16/08	05/16/08	JWG0801852	
Methylene Chloride	ND	U	5.0	0.51	1	05/16/08	05/16/08	JWG0801852	
o-Xylene	ND	U	1.0	0.25	1	05/16/08	05/16/08	JWG0801852	
Tetrachloroethene (PCE)	ND	U	1.0	0.44	1	05/16/08	05/16/08	JWG0801852	
Toluene	ND	U	1.0	0.14	1	05/16/08	05/16/08	JWG0801852	
trans-1,2-Dichloroethene	ND	U	1.0	0.22	1	05/16/08	05/16/08	JWG0801852	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0801852-4	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
trans-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/16/08	05/16/08	JWG0801852	
Trichloroethene (TCE)	ND	U	1.0	0.23	1	05/16/08	05/16/08	JWG0801852	
Trichlorofluoromethane	ND	U	1.0	0.26	1	05/16/08	05/16/08	JWG0801852	
Vinyl Chloride	ND	U	1.0	0.23	1	05/16/08	05/16/08	JWG0801852	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	84	75-120	05/16/08	Acceptable
Dibromofluoromethane	91	82-116	05/16/08	Acceptable
Toluene-d8	111	88-117	05/16/08	Acceptable

† **Analyte Comments**

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0801934-4	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.17	1	05/22/08	05/22/08	JWG0801934	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.14	1	05/22/08	05/22/08	JWG0801934	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	05/22/08	05/22/08	JWG0801934	
1,1-Dichloroethane	ND	U	1.0	0.23	1	05/22/08	05/22/08	JWG0801934	
1,1-Dichloroethene	ND	U	1.0	0.27	1	05/22/08	05/22/08	JWG0801934	
1,2,4-Trichlorobenzene	ND	U	10	0.97	1	05/22/08	05/22/08	JWG0801934	
1,2-Dichlorobenzene	ND	U	1.0	0.34	1	05/22/08	05/22/08	JWG0801934	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.18	1	05/22/08	05/22/08	JWG0801934	
1,2-Dichloropropane	ND	U	1.0	0.18	1	05/22/08	05/22/08	JWG0801934	
1,3-Dichlorobenzene	ND	U	1.0	0.34	1	05/22/08	05/22/08	JWG0801934	
1,4-Dichlorobenzene	ND	U	1.0	0.21	1	05/22/08	05/22/08	JWG0801934	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.56	1	05/22/08	05/22/08	JWG0801934	
Benzene	ND	U	1.0	0.20	1	05/22/08	05/22/08	JWG0801934	
Bromodichloromethane	ND	U	1.0	0.15	1	05/22/08	05/22/08	JWG0801934	
Bromoform	ND	U	1.0	0.24	1	05/22/08	05/22/08	JWG0801934	
Bromomethane	ND	U	1.0	0.20	1	05/22/08	05/22/08	JWG0801934	
Carbon Tetrachloride	ND	U	1.0	0.26	1	05/22/08	05/22/08	JWG0801934	
Chlorobenzene	ND	U	1.0	0.19	1	05/22/08	05/22/08	JWG0801934	
Chloroethane	ND	U	1.0	0.24	1	05/22/08	05/22/08	JWG0801934	
Chloroform	ND	U	1.0	0.18	1	05/22/08	05/22/08	JWG0801934	
Chloromethane	ND	U	1.0	0.21	1	05/22/08	05/22/08	JWG0801934	
cis-1,2-Dichloroethene	ND	U	1.0	0.20	1	05/22/08	05/22/08	JWG0801934	
cis-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/22/08	05/22/08	JWG0801934	
Dibromochloromethane	ND	U	1.0	0.25	1	05/22/08	05/22/08	JWG0801934	
Dichlorodifluoromethane	ND	U	5.0	0.25	1	05/22/08	05/22/08	JWG0801934	
Ethylbenzene	ND	U	1.0	0.20	1	05/22/08	05/22/08	JWG0801934	
m,p-Xylenes	ND	U	2.0	0.47	1	05/22/08	05/22/08	JWG0801934	
Methyl tert-Butyl Ether	ND	U	2.0	0.16	1	05/22/08	05/22/08	JWG0801934	
Methylene Chloride	ND	U	5.0	0.51	1	05/22/08	05/22/08	JWG0801934	
o-Xylene	ND	U	1.0	0.25	1	05/22/08	05/22/08	JWG0801934	
Tetrachloroethene (PCE)	ND	U	1.0	0.44	1	05/22/08	05/22/08	JWG0801934	
Toluene	ND	U	1.0	0.14	1	05/22/08	05/22/08	JWG0801934	
trans-1,2-Dichloroethene	ND	U	1.0	0.22	1	05/22/08	05/22/08	JWG0801934	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0801934-4	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
trans-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/22/08	05/22/08	JWG0801934	
Trichloroethene (TCE)	ND	U	1.0	0.23	1	05/22/08	05/22/08	JWG0801934	
Trichlorofluoromethane	ND	U	1.0	0.26	1	05/22/08	05/22/08	JWG0801934	
Vinyl Chloride	ND	U	1.0	0.23	1	05/22/08	05/22/08	JWG0801934	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	93	75-120	05/22/08	Acceptable
Dibromofluoromethane	96	82-116	05/22/08	Acceptable
Toluene-d8	106	88-117	05/22/08	Acceptable

† **Analyte Comments**

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0801936-4	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.17	1	05/22/08	05/22/08	JWG0801936	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.14	1	05/22/08	05/22/08	JWG0801936	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	05/22/08	05/22/08	JWG0801936	
1,1-Dichloroethane	ND	U	1.0	0.23	1	05/22/08	05/22/08	JWG0801936	
1,1-Dichloroethene	ND	U	1.0	0.27	1	05/22/08	05/22/08	JWG0801936	
1,2,4-Trichlorobenzene	ND	U	10	0.97	1	05/22/08	05/22/08	JWG0801936	
1,2-Dichlorobenzene	ND	U	1.0	0.34	1	05/22/08	05/22/08	JWG0801936	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.18	1	05/22/08	05/22/08	JWG0801936	
1,2-Dichloropropane	ND	U	1.0	0.18	1	05/22/08	05/22/08	JWG0801936	
1,3-Dichlorobenzene	ND	U	1.0	0.34	1	05/22/08	05/22/08	JWG0801936	
1,4-Dichlorobenzene	ND	U	1.0	0.21	1	05/22/08	05/22/08	JWG0801936	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.56	1	05/22/08	05/22/08	JWG0801936	
Benzene	ND	U	1.0	0.20	1	05/22/08	05/22/08	JWG0801936	
Bromodichloromethane	ND	U	1.0	0.15	1	05/22/08	05/22/08	JWG0801936	
Bromoform	ND	U	1.0	0.24	1	05/22/08	05/22/08	JWG0801936	
Bromomethane	ND	U	1.0	0.20	1	05/22/08	05/22/08	JWG0801936	
Carbon Tetrachloride	ND	U	1.0	0.26	1	05/22/08	05/22/08	JWG0801936	
Chlorobenzene	ND	U	1.0	0.19	1	05/22/08	05/22/08	JWG0801936	
Chloroethane	ND	U	1.0	0.24	1	05/22/08	05/22/08	JWG0801936	
Chloroform	ND	U	1.0	0.18	1	05/22/08	05/22/08	JWG0801936	
Chloromethane	ND	U	1.0	0.21	1	05/22/08	05/22/08	JWG0801936	
cis-1,2-Dichloroethene	ND	U	1.0	0.20	1	05/22/08	05/22/08	JWG0801936	
cis-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/22/08	05/22/08	JWG0801936	
Dibromochloromethane	ND	U	1.0	0.25	1	05/22/08	05/22/08	JWG0801936	
Dichlorodifluoromethane	ND	U	5.0	0.25	1	05/22/08	05/22/08	JWG0801936	
Ethylbenzene	ND	U	1.0	0.20	1	05/22/08	05/22/08	JWG0801936	
m,p-Xylenes	ND	U	2.0	0.47	1	05/22/08	05/22/08	JWG0801936	
Methyl tert-Butyl Ether	ND	U	2.0	0.16	1	05/22/08	05/22/08	JWG0801936	
Methylene Chloride	ND	U	5.0	0.51	1	05/22/08	05/22/08	JWG0801936	
o-Xylene	ND	U	1.0	0.25	1	05/22/08	05/22/08	JWG0801936	
Tetrachloroethene (PCE)	ND	U	1.0	0.44	1	05/22/08	05/22/08	JWG0801936	
Toluene	ND	U	1.0	0.14	1	05/22/08	05/22/08	JWG0801936	
trans-1,2-Dichloroethene	ND	U	1.0	0.22	1	05/22/08	05/22/08	JWG0801936	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0801936-4	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
trans-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/22/08	05/22/08	JWG0801936	
Trichloroethene (TCE)	ND	U	1.0	0.23	1	05/22/08	05/22/08	JWG0801936	
Trichlorofluoromethane	ND	U	1.0	0.26	1	05/22/08	05/22/08	JWG0801936	
Vinyl Chloride	ND	U	1.0	0.23	1	05/22/08	05/22/08	JWG0801936	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	95	75-120	05/22/08	Acceptable
Dibromofluoromethane	96	82-116	05/22/08	Acceptable
Toluene-d8	107	88-117	05/22/08	Acceptable

† **Analyte Comments**

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	05/14/2008
Sample Matrix:	Water	**Date Received:**	05/14/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX-PCA25-MW09-051408	**Units:**	ug/L
Lab Code:	J0802321-001	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.11	0.046	1	05/16/08	05/20/08	JWG0801859	
2-Methylnaphthalene	**57**		1.1	0.38	10	05/16/08	05/20/08	JWG0801859	
1-Methylnaphthalene	**56**		1.1	0.37	10	05/16/08	05/20/08	JWG0801859	
Acenaphthylene	**0.82**		0.11	0.040	1	05/16/08	05/20/08	JWG0801859	
Acenaphthene	**1.1**		0.11	0.040	1	05/16/08	05/20/08	JWG0801859	
Fluorene	**0.99**		0.11	0.041	1	05/16/08	05/20/08	JWG0801859	
Phenanthrene	**0.61**		0.11	0.038	1	05/16/08	05/20/08	JWG0801859	
Anthracene	**0.18**		0.11	0.031	1	05/16/08	05/20/08	JWG0801859	
Fluoranthene	**0.36**		0.11	0.022	1	05/16/08	05/20/08	JWG0801859	
Pyrene	**0.26**		0.11	0.021	1	05/16/08	05/20/08	JWG0801859	
Benz(a)anthracene	ND	U	0.11	0.014	1	05/16/08	05/20/08	JWG0801859	
Chrysene	ND	U	0.11	0.011	1	05/16/08	05/20/08	JWG0801859	
Benzo(b)fluoranthene	ND	U	0.11	0.015	1	05/16/08	05/20/08	JWG0801859	
Benzo(k)fluoranthene	ND	U	0.11	0.015	1	05/16/08	05/20/08	JWG0801859	
Benzo(a)pyrene	ND	U	0.11	0.014	1	05/16/08	05/20/08	JWG0801859	
Indeno(1,2,3-cd)pyrene	ND	U	0.11	0.016	1	05/16/08	05/20/08	JWG0801859	
Dibenz(a,h)anthracene	ND	U	0.11	0.015	1	05/16/08	05/20/08	JWG0801859	
Benzo(g,h,i)perylene	ND	U	0.11	0.015	1	05/16/08	05/20/08	JWG0801859	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	66	22-105	05/20/08	Acceptable
p-Terphenyl-d14	68	25-127	05/20/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	05/14/2008
Sample Matrix:	Water	**Date Received:**	05/14/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX-PCA25-MW12-051408	**Units:**	ug/L
Lab Code:	J0802321-002	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	**0.075**	I	0.11	0.046	1	05/16/08	05/21/08	JWG0801859	
2-Methylnaphthalene	ND	U	0.11	0.038	1	05/16/08	05/21/08	JWG0801859	
1-Methylnaphthalene	ND	U	0.11	0.037	1	05/16/08	05/21/08	JWG0801859	
Acenaphthylene	ND	U	0.11	0.040	1	05/16/08	05/21/08	JWG0801859	
Acenaphthene	ND	U	0.11	0.040	1	05/16/08	05/21/08	JWG0801859	
Fluorene	ND	U	0.11	0.041	1	05/16/08	05/21/08	JWG0801859	
Phenanthrene	ND	U	0.11	0.038	1	05/16/08	05/21/08	JWG0801859	
Anthracene	ND	U	0.11	0.030	1	05/16/08	05/21/08	JWG0801859	
Fluoranthene	ND	U	0.11	0.022	1	05/16/08	05/21/08	JWG0801859	
Pyrene	ND	U	0.11	0.021	1	05/16/08	05/21/08	JWG0801859	
Benz(a)anthracene	ND	U	0.11	0.014	1	05/16/08	05/21/08	JWG0801859	
Chrysene	ND	U	0.11	0.011	1	05/16/08	05/21/08	JWG0801859	
Benzo(b)fluoranthene	ND	U	0.11	0.015	1	05/16/08	05/21/08	JWG0801859	
Benzo(k)fluoranthene	ND	U	0.11	0.015	1	05/16/08	05/21/08	JWG0801859	
Benzo(a)pyrene	ND	U	0.11	0.014	1	05/16/08	05/21/08	JWG0801859	
Indeno(1,2,3-cd)pyrene	ND	U	0.11	0.016	1	05/16/08	05/21/08	JWG0801859	
Dibenz(a,h)anthracene	ND	U	0.11	0.015	1	05/16/08	05/21/08	JWG0801859	
Benzo(g,h,i)perylene	ND	U	0.11	0.015	1	05/16/08	05/21/08	JWG0801859	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	62	22-105	05/21/08	Acceptable
p-Terphenyl-d14	62	25-127	05/21/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	05/14/2008
Sample Matrix:	Water	**Date Received:**	05/14/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX-PCA25-MW14-051408	**Units:**	ug/L
Lab Code:	J0802321-003	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.11	0.046	1	05/16/08	05/21/08	JWG0801859	
2-Methylnaphthalene	ND	U	0.11	0.038	1	05/16/08	05/21/08	JWG0801859	
1-Methylnaphthalene	ND	U	0.11	0.037	1	05/16/08	05/21/08	JWG0801859	
Acenaphthylene	ND	U	0.11	0.040	1	05/16/08	05/21/08	JWG0801859	
Acenaphthene	**0.26**		0.11	0.040	1	05/16/08	05/21/08	JWG0801859	
Fluorene	**0.41**		0.11	0.041	1	05/16/08	05/21/08	JWG0801859	
Phenanthrene	ND	U	0.11	0.038	1	05/16/08	05/21/08	JWG0801859	
Anthracene	**0.053**	I	0.11	0.030	1	05/16/08	05/21/08	JWG0801859	
Fluoranthene	ND	U	0.11	0.022	1	05/16/08	05/21/08	JWG0801859	
Pyrene	ND	U	0.11	0.021	1	05/16/08	05/21/08	JWG0801859	
Benz(a)anthracene	ND	U	0.11	0.014	1	05/16/08	05/21/08	JWG0801859	
Chrysene	ND	U	0.11	0.011	1	05/16/08	05/21/08	JWG0801859	
Benzo(b)fluoranthene	ND	U	0.11	0.015	1	05/16/08	05/21/08	JWG0801859	
Benzo(k)fluoranthene	ND	U	0.11	0.015	1	05/16/08	05/21/08	JWG0801859	
Benzo(a)pyrene	ND	U	0.11	0.014	1	05/16/08	05/21/08	JWG0801859	
Indeno(1,2,3-cd)pyrene	ND	U	0.11	0.016	1	05/16/08	05/21/08	JWG0801859	
Dibenz(a,h)anthracene	ND	U	0.11	0.015	1	05/16/08	05/21/08	JWG0801859	
Benzo(g,h,i)perylene	ND	U	0.11	0.015	1	05/16/08	05/21/08	JWG0801859	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	65	22-105	05/21/08	Acceptable
p-Terphenyl-d14	63	25-127	05/21/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	05/14/2008
Sample Matrix:	Water	**Date Received:**	05/14/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX-PCA25-MW15-051408	**Units:**	ug/L
Lab Code:	J0802321-004	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.11	0.046	1	05/16/08	05/21/08	JWG0801859	
2-Methylnaphthalene	ND	U	0.11	0.038	1	05/16/08	05/21/08	JWG0801859	
1-Methylnaphthalene	ND	U	0.11	0.037	1	05/16/08	05/21/08	JWG0801859	
Acenaphthylene	ND	U	0.11	0.040	1	05/16/08	05/21/08	JWG0801859	
Acenaphthene	**0.46**		0.11	0.040	1	05/16/08	05/21/08	JWG0801859	
Fluorene	ND	U	0.11	0.041	1	05/16/08	05/21/08	JWG0801859	
Phenanthrene	ND	U	0.11	0.038	1	05/16/08	05/21/08	JWG0801859	
Anthracene	ND	U	0.11	0.030	1	05/16/08	05/21/08	JWG0801859	
Fluoranthene	**0.030**	I	0.11	0.022	1	05/16/08	05/21/08	JWG0801859	
Pyrene	**0.60**		0.11	0.021	1	05/16/08	05/21/08	JWG0801859	
Benz(a)anthracene	ND	U	0.11	0.014	1	05/16/08	05/21/08	JWG0801859	
Chrysene	ND	U	0.11	0.011	1	05/16/08	05/21/08	JWG0801859	
Benzo(b)fluoranthene	ND	U	0.11	0.015	1	05/16/08	05/21/08	JWG0801859	
Benzo(k)fluoranthene	ND	U	0.11	0.015	1	05/16/08	05/21/08	JWG0801859	
Benzo(a)pyrene	ND	U	0.11	0.014	1	05/16/08	05/21/08	JWG0801859	
Indeno(1,2,3-cd)pyrene	ND	U	0.11	0.016	1	05/16/08	05/21/08	JWG0801859	
Dibenz(a,h)anthracene	ND	U	0.11	0.015	1	05/16/08	05/21/08	JWG0801859	
Benzo(g,h,i)perylene	ND	U	0.11	0.015	1	05/16/08	05/21/08	JWG0801859	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	61	22-105	05/21/08	Acceptable
p-Terphenyl-d14	62	25-127	05/21/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	05/14/2008
Sample Matrix:	Water	**Date Received:**	05/14/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX-PCA25-MW07-051408	**Units:**	ug/L
Lab Code:	J0802321-005	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.11	0.046	1	05/16/08	05/21/08	JWG0801859	
2-Methylnaphthalene	ND	U	0.11	0.038	1	05/16/08	05/21/08	JWG0801859	
1-Methylnaphthalene	ND	U	0.11	0.037	1	05/16/08	05/21/08	JWG0801859	
Acenaphthylene	ND	U	0.11	0.040	1	05/16/08	05/21/08	JWG0801859	
Acenaphthene	**0.18**		0.11	0.040	1	05/16/08	05/21/08	JWG0801859	
Fluorene	ND	U	0.11	0.041	1	05/16/08	05/21/08	JWG0801859	
Phenanthrene	ND	U	0.11	0.038	1	05/16/08	05/21/08	JWG0801859	
Anthracene	ND	U	0.11	0.031	1	05/16/08	05/21/08	JWG0801859	
Fluoranthene	ND	U	0.11	0.022	1	05/16/08	05/21/08	JWG0801859	
Pyrene	**0.031**	I	0.11	0.021	1	05/16/08	05/21/08	JWG0801859	
Benz(a)anthracene	ND	U	0.11	0.014	1	05/16/08	05/21/08	JWG0801859	
Chrysene	ND	U	0.11	0.011	1	05/16/08	05/21/08	JWG0801859	
Benzo(b)fluoranthene	ND	U	0.11	0.015	1	05/16/08	05/21/08	JWG0801859	
Benzo(k)fluoranthene	ND	U	0.11	0.015	1	05/16/08	05/21/08	JWG0801859	
Benzo(a)pyrene	ND	U	0.11	0.014	1	05/16/08	05/21/08	JWG0801859	
Indeno(1,2,3-cd)pyrene	ND	U	0.11	0.016	1	05/16/08	05/21/08	JWG0801859	
Dibenz(a,h)anthracene	ND	U	0.11	0.015	1	05/16/08	05/21/08	JWG0801859	
Benzo(g,h,i)perylene	ND	U	0.11	0.015	1	05/16/08	05/21/08	JWG0801859	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	60	22-105	05/21/08	Acceptable
p-Terphenyl-d14	60	25-127	05/21/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	05/14/2008
Sample Matrix:	Water	**Date Received:**	05/14/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX-PCA25-MW05-051408	**Units:**	ug/L
Lab Code:	J0802321-006	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.11	0.046	1	05/16/08	05/21/08	JWG0801859	
2-Methylnaphthalene	ND	U	0.11	0.038	1	05/16/08	05/21/08	JWG0801859	
1-Methylnaphthalene	ND	U	0.11	0.037	1	05/16/08	05/21/08	JWG0801859	
Acenaphthylene	ND	U	0.11	0.040	1	05/16/08	05/21/08	JWG0801859	
Acenaphthene	ND	U	0.11	0.040	1	05/16/08	05/21/08	JWG0801859	
Fluorene	ND	U	0.11	0.041	1	05/16/08	05/21/08	JWG0801859	
Phenanthrene	ND	U	0.11	0.038	1	05/16/08	05/21/08	JWG0801859	
Anthracene	ND	U	0.11	0.030	1	05/16/08	05/21/08	JWG0801859	
Fluoranthene	ND	U	0.11	0.022	1	05/16/08	05/21/08	JWG0801859	
Pyrene	ND	U	0.11	0.021	1	05/16/08	05/21/08	JWG0801859	
Benz(a)anthracene	ND	U	0.11	0.014	1	05/16/08	05/21/08	JWG0801859	
Chrysene	ND	U	0.11	0.011	1	05/16/08	05/21/08	JWG0801859	
Benzo(b)fluoranthene	ND	U	0.11	0.015	1	05/16/08	05/21/08	JWG0801859	
Benzo(k)fluoranthene	ND	U	0.11	0.015	1	05/16/08	05/21/08	JWG0801859	
Benzo(a)pyrene	ND	U	0.11	0.014	1	05/16/08	05/21/08	JWG0801859	
Indeno(1,2,3-cd)pyrene	ND	U	0.11	0.016	1	05/16/08	05/21/08	JWG0801859	
Dibenz(a,h)anthracene	ND	U	0.11	0.015	1	05/16/08	05/21/08	JWG0801859	
Benzo(g,h,i)perylene	ND	U	0.11	0.015	1	05/16/08	05/21/08	JWG0801859	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	67	22-105	05/21/08	Acceptable
p-Terphenyl-d14	64	25-127	05/21/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0801859-4	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.10	0.044	1	05/16/08	05/20/08	JWG0801859	
2-Methylnaphthalene	ND	U	0.10	0.036	1	05/16/08	05/20/08	JWG0801859	
1-Methylnaphthalene	ND	U	0.10	0.035	1	05/16/08	05/20/08	JWG0801859	
Acenaphthylene	ND	U	0.10	0.038	1	05/16/08	05/20/08	JWG0801859	
Acenaphthene	ND	U	0.10	0.038	1	05/16/08	05/20/08	JWG0801859	
Fluorene	ND	U	0.10	0.039	1	05/16/08	05/20/08	JWG0801859	
Phenanthrene	ND	U	0.10	0.036	1	05/16/08	05/20/08	JWG0801859	
Anthracene	ND	U	0.10	0.029	1	05/16/08	05/20/08	JWG0801859	
Fluoranthene	ND	U	0.10	0.021	1	05/16/08	05/20/08	JWG0801859	
Pyrene	ND	U	0.10	0.020	1	05/16/08	05/20/08	JWG0801859	
Benz(a)anthracene	ND	U	0.10	0.013	1	05/16/08	05/20/08	JWG0801859	
Chrysene	ND	U	0.10	0.010	1	05/16/08	05/20/08	JWG0801859	
Benzo(b)fluoranthene	ND	U	0.10	0.014	1	05/16/08	05/20/08	JWG0801859	
Benzo(k)fluoranthene	ND	U	0.10	0.014	1	05/16/08	05/20/08	JWG0801859	
Benzo(a)pyrene	ND	U	0.10	0.013	1	05/16/08	05/20/08	JWG0801859	
Indeno(1,2,3-cd)pyrene	ND	U	0.10	0.015	1	05/16/08	05/20/08	JWG0801859	
Dibenz(a,h)anthracene	ND	U	0.10	0.014	1	05/16/08	05/20/08	JWG0801859	
Benzo(g,h,i)perylene	ND	U	0.10	0.014	1	05/16/08	05/20/08	JWG0801859	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	59	22-105	05/20/08	Acceptable
p-Terphenyl-d14	64	25-127	05/20/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	05/14/2008
Sample Matrix:	Water	**Date Received:**	05/14/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX-PCA25-MW09-051408	**Units:**	mg/L
Lab Code:	J0802321-001	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	ND	U	0.42	0.063	1	05/16/08	05/19/08	JWG0801861	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
n-Nonatriacontane	72	19-141	05/19/08	Acceptable
o-Terphenyl	80	49-116	05/19/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	05/14/2008
Sample Matrix:	Water	**Date Received:**	05/14/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX-PCA25-MW12-051408	**Units:**	mg/L
Lab Code:	J0802321-002	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	ND	U	0.43	0.064	1	05/16/08	05/22/08	JWG0801861	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
n-Nonatriacontane	65	19-141	05/22/08	Acceptable
o-Terphenyl	76	49-116	05/22/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	05/14/2008
Sample Matrix:	Water	**Date Received:**	05/14/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX-PCA25-MW14-051408	**Units:**	mg/L
Lab Code:	J0802321-003	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	ND	U	0.42	0.063	1	05/16/08	05/21/08	JWG0801861	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
n-Nonatriacontane	60	19-141	05/21/08	Acceptable
o-Terphenyl	74	49-116	05/21/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	05/14/2008
Sample Matrix:	Water	**Date Received:**	05/14/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX-PCA25-MW15-051408	**Units:**	mg/L
Lab Code:	J0802321-004	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	ND	U	0.42	0.062	1	05/16/08	05/21/08	JWG0801861	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
n-Nonatriacontane	52	19-141	05/21/08	Acceptable
o-Terphenyl	66	49-116	05/21/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	05/14/2008
Sample Matrix:	Water	**Date Received:**	05/14/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX-PCA25-MW07-051408	**Units:**	mg/L
Lab Code:	J0802321-005	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	**0.25**	I	0.42	0.062	1	05/16/08	05/21/08	JWG0801861	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
n-Nonatriacontane	45	19-141	05/21/08	Acceptable
o-Terphenyl	68	49-116	05/21/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	05/14/2008
Sample Matrix:	Water	**Date Received:**	05/14/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX-PCA25-MW05-051408	**Units:**	mg/L
Lab Code:	J0802321-006	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	**0.21**	I	0.43	0.064	1	05/16/08	05/21/08	JWG0801861	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
n-Nonatriacontane	55	19-141	05/21/08	Acceptable
o-Terphenyl	63	49-116	05/21/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	Method Blank	**Units:**	mg/L
Lab Code:	JWG0801861-4	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	ND	U	0.40	0.060	1	05/16/08	05/19/08	JWG0801861	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
n-Nonatriacontane	69	19-141	05/19/08	Acceptable
o-Terphenyl	74	49-116	05/19/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	05/14/2008
Sample Matrix:	Water	**Date Received:**	05/14/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX-PCA25-MW09-051408	**Units:**	ug/L
Lab Code:	J0802321-001	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	05/16/08	05/19/08	JWG0801842	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	135	77-150	05/19/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	05/14/2008
Sample Matrix:	Water	**Date Received:**	05/14/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX-PCA25-MW12-051408	**Units:**	ug/L
Lab Code:	J0802321-002	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	05/16/08	05/19/08	JWG0801842	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	118	77-150	05/19/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	05/14/2008
Sample Matrix:	Water	**Date Received:**	05/14/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX-PCA25-MW14-051408	**Units:**	ug/L
Lab Code:	J0802321-003	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	05/16/08	05/19/08	JWG0801842	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	114	77-150	05/19/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	05/14/2008
Sample Matrix:	Water	**Date Received:**	05/14/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX-PCA25-MW15-051408	**Units:**	ug/L
Lab Code:	J0802321-004	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	05/16/08	05/20/08	JWG0801842	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	148	77-150	05/20/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	05/14/2008
Sample Matrix:	Water	**Date Received:**	05/14/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX-PCA25-MW07-051408	**Units:**	ug/L
Lab Code:	J0802321-005	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	05/16/08	05/20/08	JWG0801842	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	167	77-150	05/20/08	Outside Control Limits

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	05/14/2008
Sample Matrix:	Water	**Date Received:**	05/14/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX-PCA25-MW05-051408	**Units:**	ug/L
Lab Code:	J0802321-006	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	05/16/08	05/20/08	JWG0801842	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	183	77-150	05/20/08	Outside Control Limits

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802321
Project:	NAS JAX/112G00132	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

1,2-Dibromoethane by GC-ECD

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0801842-4	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	05/16/08	05/19/08	JWG0801842	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	132	77-150	05/19/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX-PCA25-MW09-051408

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 112G00132 SAS No.: SDG NO.: J0802321

Matrix (soil/water): WATER Lab Sample ID: J0802321-001

Level (low/med): LOW Date Received: 5/14/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.56	i		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX-PCA25-MW12-051408

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 112G00132 SAS No.: SDG NO.: J0802321

Matrix (soil/water): WATER Lab Sample ID: J0802321-002

Level (low/med): LOW Date Received: 5/14/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.39	i		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX-PCA25-MW14-051408

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 112G00132 SAS No.: SDG NO.: J0802321

Matrix (soil/water): WATER Lab Sample ID: J0802321-003

Level (low/med): LOW Date Received: 5/14/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.53	i		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX-PCA25-MW15-051408

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 112G00132 SAS No.: SDG NO.: J0802321

Matrix (soil/water): WATER Lab Sample ID: J0802321-004

Level (low/med): LOW Date Received: 5/14/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	1.1			MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX-PCA25-MW07-051408

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 112G00132 SAS No.: SDG NO.: J0802321

Matrix (soil/water): WATER Lab Sample ID: J0802321-005

Level (low/med): LOW Date Received: 5/14/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.20	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX-PCA25-MW05-051408

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 112G00132 SAS No.: SDG NO.: J0802321

Matrix (soil/water): WATER Lab Sample ID: J0802321-006

Level (low/med): LOW Date Received: 5/14/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.20	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802334
Project:	NAS JAX/112G00132	**Date Collected:**	05/15/2008
Sample Matrix:	Water	**Date Received:**	05/15/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX-PCA25-TF-MW03-051508	**Units:**	ug/L
Lab Code:	J0802334-001	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.17	1	05/18/08	05/18/08	JWG0801856	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.14	1	05/18/08	05/18/08	JWG0801856	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	05/18/08	05/18/08	JWG0801856	
1,1-Dichloroethane	ND	U	1.0	0.23	1	05/18/08	05/18/08	JWG0801856	
1,1-Dichloroethene	ND	U	1.0	0.27	1	05/18/08	05/18/08	JWG0801856	
1,2,4-Trichlorobenzene	ND	U	10	0.97	1	05/18/08	05/18/08	JWG0801856	
1,2-Dichlorobenzene	ND	U	1.0	0.34	1	05/18/08	05/18/08	JWG0801856	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.18	1	05/18/08	05/18/08	JWG0801856	
1,2-Dichloropropane	ND	U	1.0	0.18	1	05/18/08	05/18/08	JWG0801856	
1,3-Dichlorobenzene	ND	U	1.0	0.34	1	05/18/08	05/18/08	JWG0801856	
1,4-Dichlorobenzene	ND	U	1.0	0.21	1	05/18/08	05/18/08	JWG0801856	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.56	1	05/18/08	05/18/08	JWG0801856	
Benzene	ND	U	1.0	0.20	1	05/18/08	05/18/08	JWG0801856	
Bromodichloromethane	ND	U	1.0	0.15	1	05/18/08	05/18/08	JWG0801856	
Bromoform	ND	UJ	1.0	0.24	1	05/18/08	05/18/08	JWG0801856	J(3)
Bromomethane	ND	U	1.0	0.20	1	05/18/08	05/18/08	JWG0801856	
Carbon Tetrachloride	ND	U	1.0	0.26	1	05/18/08	05/18/08	JWG0801856	
Chlorobenzene	ND	U	1.0	0.19	1	05/18/08	05/18/08	JWG0801856	
Chloroethane	ND	U	1.0	0.24	1	05/18/08	05/18/08	JWG0801856	
Chloroform	ND	U	1.0	0.18	1	05/18/08	05/18/08	JWG0801856	
Chloromethane	ND	U	1.0	0.21	1	05/18/08	05/18/08	JWG0801856	
cis-1,2-Dichloroethene	ND	U	1.0	0.20	1	05/18/08	05/18/08	JWG0801856	
cis-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/18/08	05/18/08	JWG0801856	
Dibromochloromethane	ND	UJ	1.0	0.25	1	05/18/08	05/18/08	JWG0801856	J(3)
Dichlorodifluoromethane	ND	U	5.0	0.25	1	05/18/08	05/18/08	JWG0801856	
Ethylbenzene	ND	U	1.0	0.20	1	05/18/08	05/18/08	JWG0801856	
m,p-Xylenes	ND	U	2.0	0.47	1	05/18/08	05/18/08	JWG0801856	
Methyl tert-Butyl Ether	ND	U	2.0	0.16	1	05/18/08	05/18/08	JWG0801856	
Methylene Chloride	ND	U	5.0	0.51	1	05/18/08	05/18/08	JWG0801856	
o-Xylene	ND	U	1.0	0.25	1	05/18/08	05/18/08	JWG0801856	
Tetrachloroethene (PCE)	ND	U	1.0	0.44	1	05/18/08	05/18/08	JWG0801856	
Toluene	ND	U	1.0	0.14	1	05/18/08	05/18/08	JWG0801856	
trans-1,2-Dichloroethene	ND	U	1.0	0.22	1	05/18/08	05/18/08	JWG0801856	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802334
Project:	NAS JAX/112G00132	**Date Collected:**	05/15/2008
Sample Matrix:	Water	**Date Received:**	05/15/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX-PCA25-TF-MW03-051508	**Units:**	ug/L
Lab Code:	J0802334-001	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
trans-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/18/08	05/18/08	JWG0801856	
Trichloroethene (TCE)	ND	U	1.0	0.23	1	05/18/08	05/18/08	JWG0801856	
Trichlorofluoromethane	ND	U	1.0	0.26	1	05/18/08	05/18/08	JWG0801856	
Vinyl Chloride	ND	U	1.0	0.23	1	05/18/08	05/18/08	JWG0801856	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	80	75-120	05/18/08	Acceptable
Dibromofluoromethane	88	82-116	05/18/08	Acceptable
Toluene-d8	106	88-117	05/18/08	Acceptable

† **Analyte Comments**

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802334
Project:	NAS JAX/112G00132	**Date Collected:**	05/15/2008
Sample Matrix:	Water	**Date Received:**	05/15/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX-PCA25-MW16I-051508	**Units:**	ug/L
Lab Code:	J0802334-002	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.17	1	05/18/08	05/18/08	JWG0801856	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.14	1	05/18/08	05/18/08	JWG0801856	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	05/18/08	05/18/08	JWG0801856	
1,1-Dichloroethane	ND	U	1.0	0.23	1	05/18/08	05/18/08	JWG0801856	
1,1-Dichloroethene	ND	U	1.0	0.27	1	05/18/08	05/18/08	JWG0801856	
1,2,4-Trichlorobenzene	ND	U	10	0.97	1	05/18/08	05/18/08	JWG0801856	
1,2-Dichlorobenzene	ND	U	1.0	0.34	1	05/18/08	05/18/08	JWG0801856	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.18	1	05/18/08	05/18/08	JWG0801856	
1,2-Dichloropropane	ND	U	1.0	0.18	1	05/18/08	05/18/08	JWG0801856	
1,3-Dichlorobenzene	ND	U	1.0	0.34	1	05/18/08	05/18/08	JWG0801856	
1,4-Dichlorobenzene	ND	U	1.0	0.21	1	05/18/08	05/18/08	JWG0801856	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.56	1	05/18/08	05/18/08	JWG0801856	
Benzene	ND	U	1.0	0.20	1	05/18/08	05/18/08	JWG0801856	
Bromodichloromethane	ND	U	1.0	0.15	1	05/18/08	05/18/08	JWG0801856	
Bromoform	ND	UJ	1.0	0.24	1	05/18/08	05/18/08	JWG0801856	J(3)
Bromomethane	ND	U	1.0	0.20	1	05/18/08	05/18/08	JWG0801856	
Carbon Tetrachloride	ND	U	1.0	0.26	1	05/18/08	05/18/08	JWG0801856	
Chlorobenzene	ND	U	1.0	0.19	1	05/18/08	05/18/08	JWG0801856	
Chloroethane	ND	U	1.0	0.24	1	05/18/08	05/18/08	JWG0801856	
Chloroform	ND	U	1.0	0.18	1	05/18/08	05/18/08	JWG0801856	
Chloromethane	ND	U	1.0	0.21	1	05/18/08	05/18/08	JWG0801856	
cis-1,2-Dichloroethene	ND	U	1.0	0.20	1	05/18/08	05/18/08	JWG0801856	
cis-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/18/08	05/18/08	JWG0801856	
Dibromochloromethane	ND	UJ	1.0	0.25	1	05/18/08	05/18/08	JWG0801856	J(3)
Dichlorodifluoromethane	ND	U	5.0	0.25	1	05/18/08	05/18/08	JWG0801856	
Ethylbenzene	ND	U	1.0	0.20	1	05/18/08	05/18/08	JWG0801856	
m,p-Xylenes	ND	U	2.0	0.47	1	05/18/08	05/18/08	JWG0801856	
Methyl tert-Butyl Ether	ND	U	2.0	0.16	1	05/18/08	05/18/08	JWG0801856	
Methylene Chloride	ND	U	5.0	0.51	1	05/18/08	05/18/08	JWG0801856	
o-Xylene	ND	U	1.0	0.25	1	05/18/08	05/18/08	JWG0801856	
Tetrachloroethene (PCE)	ND	U	1.0	0.44	1	05/18/08	05/18/08	JWG0801856	
Toluene	ND	U	1.0	0.14	1	05/18/08	05/18/08	JWG0801856	
trans-1,2-Dichloroethene	ND	U	1.0	0.22	1	05/18/08	05/18/08	JWG0801856	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802334
Project:	NAS JAX/112G00132	**Date Collected:**	05/15/2008
Sample Matrix:	Water	**Date Received:**	05/15/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX-PCA25-MW16I-051508	**Units:**	ug/L
Lab Code:	J0802334-002	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
trans-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/18/08	05/18/08	JWG0801856	
Trichloroethene (TCE)	ND	U	1.0	0.23	1	05/18/08	05/18/08	JWG0801856	
Trichlorofluoromethane	ND	U	1.0	0.26	1	05/18/08	05/18/08	JWG0801856	
Vinyl Chloride	**1.4**		1.0	0.23	1	05/18/08	05/18/08	JWG0801856	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	80	75-120	05/18/08	Acceptable
Dibromofluoromethane	88	82-116	05/18/08	Acceptable
Toluene-d8	105	88-117	05/18/08	Acceptable

† Analyte Comments

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802334
Project:	NAS JAX/112G00132	**Date Collected:**	05/15/2008
Sample Matrix:	Water	**Date Received:**	05/15/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX-PCA25-TF-MW11-051508	**Units:**	ug/L
Lab Code:	J0802334-003	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.17	1	05/18/08	05/18/08	JWG0801856	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.14	1	05/18/08	05/18/08	JWG0801856	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	05/18/08	05/18/08	JWG0801856	
1,1-Dichloroethane	ND	U	1.0	0.23	1	05/18/08	05/18/08	JWG0801856	
1,1-Dichloroethene	ND	U	1.0	0.27	1	05/18/08	05/18/08	JWG0801856	
1,2,4-Trichlorobenzene	ND	U	10	0.97	1	05/18/08	05/18/08	JWG0801856	
1,2-Dichlorobenzene	ND	U	1.0	0.34	1	05/18/08	05/18/08	JWG0801856	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.18	1	05/18/08	05/18/08	JWG0801856	
1,2-Dichloropropane	ND	U	1.0	0.18	1	05/18/08	05/18/08	JWG0801856	
1,3-Dichlorobenzene	ND	U	1.0	0.34	1	05/18/08	05/18/08	JWG0801856	
1,4-Dichlorobenzene	ND	U	1.0	0.21	1	05/18/08	05/18/08	JWG0801856	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.56	1	05/18/08	05/18/08	JWG0801856	
Benzene	ND	U	1.0	0.20	1	05/18/08	05/18/08	JWG0801856	
Bromodichloromethane	ND	U	1.0	0.15	1	05/18/08	05/18/08	JWG0801856	
Bromoform	ND	UJ	1.0	0.24	1	05/18/08	05/18/08	JWG0801856	J(3)
Bromomethane	ND	U	1.0	0.20	1	05/18/08	05/18/08	JWG0801856	
Carbon Tetrachloride	ND	U	1.0	0.26	1	05/18/08	05/18/08	JWG0801856	
Chlorobenzene	ND	U	1.0	0.19	1	05/18/08	05/18/08	JWG0801856	
Chloroethane	ND	U	1.0	0.24	1	05/18/08	05/18/08	JWG0801856	
Chloroform	ND	U	1.0	0.18	1	05/18/08	05/18/08	JWG0801856	
Chloromethane	ND	U	1.0	0.21	1	05/18/08	05/18/08	JWG0801856	
cis-1,2-Dichloroethene	ND	U	1.0	0.20	1	05/18/08	05/18/08	JWG0801856	
cis-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/18/08	05/18/08	JWG0801856	
Dibromochloromethane	ND	UJ	1.0	0.25	1	05/18/08	05/18/08	JWG0801856	J(3)
Dichlorodifluoromethane	ND	U	5.0	0.25	1	05/18/08	05/18/08	JWG0801856	
Ethylbenzene	ND	U	1.0	0.20	1	05/18/08	05/18/08	JWG0801856	
m,p-Xylenes	ND	U	2.0	0.47	1	05/18/08	05/18/08	JWG0801856	
Methyl tert-Butyl Ether	ND	U	2.0	0.16	1	05/18/08	05/18/08	JWG0801856	
Methylene Chloride	ND	U	5.0	0.51	1	05/18/08	05/18/08	JWG0801856	
o-Xylene	ND	U	1.0	0.25	1	05/18/08	05/18/08	JWG0801856	
Tetrachloroethene (PCE)	ND	U	1.0	0.44	1	05/18/08	05/18/08	JWG0801856	
Toluene	ND	U	1.0	0.14	1	05/18/08	05/18/08	JWG0801856	
trans-1,2-Dichloroethene	ND	U	1.0	0.22	1	05/18/08	05/18/08	JWG0801856	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802334
Project:	NAS JAX/112G00132	**Date Collected:**	05/15/2008
Sample Matrix:	Water	**Date Received:**	05/15/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX-PCA25-TF-MW11-051508	**Units:**	ug/L
Lab Code:	J0802334-003	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
trans-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/18/08	05/18/08	JWG0801856	
Trichloroethene (TCE)	ND	U	1.0	0.23	1	05/18/08	05/18/08	JWG0801856	
Trichlorofluoromethane	ND	U	1.0	0.26	1	05/18/08	05/18/08	JWG0801856	
Vinyl Chloride	**3.4**		1.0	0.23	1	05/18/08	05/18/08	JWG0801856	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	80	75-120	05/18/08	Acceptable
Dibromofluoromethane	87	82-116	05/18/08	Acceptable
Toluene-d8	106	88-117	05/18/08	Acceptable

† Analyte Comments

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802334
Project:	NAS JAX/112G00132	**Date Collected:**	05/15/2008
Sample Matrix:	Water	**Date Received:**	05/15/2008

Volatile Organic Compounds by GC/MS

Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	J0802334-004	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.17	1	05/18/08	05/18/08	JWG0801856	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.14	1	05/18/08	05/18/08	JWG0801856	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	05/18/08	05/18/08	JWG0801856	
1,1-Dichloroethane	ND	U	1.0	0.23	1	05/18/08	05/18/08	JWG0801856	
1,1-Dichloroethene	ND	U	1.0	0.27	1	05/18/08	05/18/08	JWG0801856	
1,2,4-Trichlorobenzene	ND	U	10	0.97	1	05/18/08	05/18/08	JWG0801856	
1,2-Dichlorobenzene	ND	U	1.0	0.34	1	05/18/08	05/18/08	JWG0801856	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.18	1	05/18/08	05/18/08	JWG0801856	
1,2-Dichloropropane	ND	U	1.0	0.18	1	05/18/08	05/18/08	JWG0801856	
1,3-Dichlorobenzene	ND	U	1.0	0.34	1	05/18/08	05/18/08	JWG0801856	
1,4-Dichlorobenzene	ND	U	1.0	0.21	1	05/18/08	05/18/08	JWG0801856	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.56	1	05/18/08	05/18/08	JWG0801856	
Benzene	ND	U	1.0	0.20	1	05/18/08	05/18/08	JWG0801856	
Bromodichloromethane	ND	U	1.0	0.15	1	05/18/08	05/18/08	JWG0801856	
Bromoform	ND	UJ	1.0	0.24	1	05/18/08	05/18/08	JWG0801856	J(3)
Bromomethane	ND	U	1.0	0.20	1	05/18/08	05/18/08	JWG0801856	
Carbon Tetrachloride	ND	U	1.0	0.26	1	05/18/08	05/18/08	JWG0801856	
Chlorobenzene	ND	U	1.0	0.19	1	05/18/08	05/18/08	JWG0801856	
Chloroethane	ND	U	1.0	0.24	1	05/18/08	05/18/08	JWG0801856	
Chloroform	ND	U	1.0	0.18	1	05/18/08	05/18/08	JWG0801856	
Chloromethane	ND	U	1.0	0.21	1	05/18/08	05/18/08	JWG0801856	
cis-1,2-Dichloroethene	ND	U	1.0	0.20	1	05/18/08	05/18/08	JWG0801856	
cis-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/18/08	05/18/08	JWG0801856	
Dibromochloromethane	ND	UJ	1.0	0.25	1	05/18/08	05/18/08	JWG0801856	J(3)
Dichlorodifluoromethane	ND	U	5.0	0.25	1	05/18/08	05/18/08	JWG0801856	
Ethylbenzene	ND	U	1.0	0.20	1	05/18/08	05/18/08	JWG0801856	
m,p-Xylenes	ND	U	2.0	0.47	1	05/18/08	05/18/08	JWG0801856	
Methyl tert-Butyl Ether	ND	U	2.0	0.16	1	05/18/08	05/18/08	JWG0801856	
Methylene Chloride	ND	U	5.0	0.51	1	05/18/08	05/18/08	JWG0801856	
o-Xylene	ND	U	1.0	0.25	1	05/18/08	05/18/08	JWG0801856	
Tetrachloroethene (PCE)	ND	U	1.0	0.44	1	05/18/08	05/18/08	JWG0801856	
Toluene	ND	U	1.0	0.14	1	05/18/08	05/18/08	JWG0801856	
trans-1,2-Dichloroethene	ND	U	1.0	0.22	1	05/18/08	05/18/08	JWG0801856	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802334
Project:	NAS JAX/112G00132	**Date Collected:**	05/15/2008
Sample Matrix:	Water	**Date Received:**	05/15/2008

Volatile Organic Compounds by GC/MS

Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	J0802334-004	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
trans-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/18/08	05/18/08	JWG0801856	
Trichloroethene (TCE)	ND	U	1.0	0.23	1	05/18/08	05/18/08	JWG0801856	
Trichlorofluoromethane	ND	U	1.0	0.26	1	05/18/08	05/18/08	JWG0801856	
Vinyl Chloride	ND	U	1.0	0.23	1	05/18/08	05/18/08	JWG0801856	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	80	75-120	05/18/08	Acceptable
Dibromofluoromethane	88	82-116	05/18/08	Acceptable
Toluene-d8	106	88-117	05/18/08	Acceptable

† Analyte Comments

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech NUS, Inc.
Project: NAS JAX/112G00132
Sample Matrix: Water

Service Request: J0802334
Date Collected: NA
Date Received: NA

Volatile Organic Compounds by GC/MS

Sample Name: Method Blank
Lab Code: JWG0801856-4

Units: ug/L
Basis: NA

Extraction Method: EPA 5030B
Analysis Method: 8260B

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.17	1	05/18/08	05/18/08	JWG0801856	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.14	1	05/18/08	05/18/08	JWG0801856	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	05/18/08	05/18/08	JWG0801856	
1,1-Dichloroethane	ND	U	1.0	0.23	1	05/18/08	05/18/08	JWG0801856	
1,1-Dichloroethene	ND	U	1.0	0.27	1	05/18/08	05/18/08	JWG0801856	
1,2,4-Trichlorobenzene	ND	U	10	0.97	1	05/18/08	05/18/08	JWG0801856	
1,2-Dichlorobenzene	ND	U	1.0	0.34	1	05/18/08	05/18/08	JWG0801856	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.18	1	05/18/08	05/18/08	JWG0801856	
1,2-Dichloropropane	ND	U	1.0	0.18	1	05/18/08	05/18/08	JWG0801856	
1,3-Dichlorobenzene	ND	U	1.0	0.34	1	05/18/08	05/18/08	JWG0801856	
1,4-Dichlorobenzene	ND	U	1.0	0.21	1	05/18/08	05/18/08	JWG0801856	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.56	1	05/18/08	05/18/08	JWG0801856	
Benzene	ND	U	1.0	0.20	1	05/18/08	05/18/08	JWG0801856	
Bromodichloromethane	ND	U	1.0	0.15	1	05/18/08	05/18/08	JWG0801856	
Bromoform	ND	UJ	1.0	0.24	1	05/18/08	05/18/08	JWG0801856	J(3)
Bromomethane	ND	U	1.0	0.20	1	05/18/08	05/18/08	JWG0801856	
Carbon Tetrachloride	ND	U	1.0	0.26	1	05/18/08	05/18/08	JWG0801856	
Chlorobenzene	ND	U	1.0	0.19	1	05/18/08	05/18/08	JWG0801856	
Chloroethane	ND	U	1.0	0.24	1	05/18/08	05/18/08	JWG0801856	
Chloroform	ND	U	1.0	0.18	1	05/18/08	05/18/08	JWG0801856	
Chloromethane	ND	U	1.0	0.21	1	05/18/08	05/18/08	JWG0801856	
cis-1,2-Dichloroethene	ND	U	1.0	0.20	1	05/18/08	05/18/08	JWG0801856	
cis-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/18/08	05/18/08	JWG0801856	
Dibromochloromethane	ND	UJ	1.0	0.25	1	05/18/08	05/18/08	JWG0801856	J(3)
Dichlorodifluoromethane	ND	U	5.0	0.25	1	05/18/08	05/18/08	JWG0801856	
Ethylbenzene	ND	U	1.0	0.20	1	05/18/08	05/18/08	JWG0801856	
m,p-Xylenes	ND	U	2.0	0.47	1	05/18/08	05/18/08	JWG0801856	
Methyl tert-Butyl Ether	ND	U	2.0	0.16	1	05/18/08	05/18/08	JWG0801856	
Methylene Chloride	ND	U	5.0	0.51	1	05/18/08	05/18/08	JWG0801856	
o-Xylene	ND	U	1.0	0.25	1	05/18/08	05/18/08	JWG0801856	
Tetrachloroethene (PCE)	ND	U	1.0	0.44	1	05/18/08	05/18/08	JWG0801856	
Toluene	ND	U	1.0	0.14	1	05/18/08	05/18/08	JWG0801856	
trans-1,2-Dichloroethene	ND	U	1.0	0.22	1	05/18/08	05/18/08	JWG0801856	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802334
Project:	NAS JAX/112G00132	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0801856-4	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
trans-1,3-Dichloropropene	ND	U	1.0	0.14	1	05/18/08	05/18/08	JWG0801856	
Trichloroethene (TCE)	ND	U	1.0	0.23	1	05/18/08	05/18/08	JWG0801856	
Trichlorofluoromethane	ND	U	1.0	0.26	1	05/18/08	05/18/08	JWG0801856	
Vinyl Chloride	ND	U	1.0	0.23	1	05/18/08	05/18/08	JWG0801856	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	80	75-120	05/18/08	Acceptable
Dibromofluoromethane	87	82-116	05/18/08	Acceptable
Toluene-d8	105	88-117	05/18/08	Acceptable

† Analyte Comments

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802334
Project:	NAS JAX/112G00132	**Date Collected:**	05/15/2008
Sample Matrix:	Water	**Date Received:**	05/15/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX-PCA25-TF-MW03-051508	**Units:**	ug/L
Lab Code:	J0802334-001	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.11	0.046	1	05/16/08	05/21/08	JWG0801859	
2-Methylnaphthalene	ND	U	0.11	0.038	1	05/16/08	05/21/08	JWG0801859	
1-Methylnaphthalene	ND	U	0.11	0.037	1	05/16/08	05/21/08	JWG0801859	
Acenaphthylene	ND	U	0.11	0.040	1	05/16/08	05/21/08	JWG0801859	
Acenaphthene	**1.2**		0.11	0.040	1	05/16/08	05/21/08	JWG0801859	
Fluorene	ND	U	0.11	0.041	1	05/16/08	05/21/08	JWG0801859	
Phenanthrene	ND	U	0.11	0.038	1	05/16/08	05/21/08	JWG0801859	
Anthracene	ND	U	0.11	0.031	1	05/16/08	05/21/08	JWG0801859	
Fluoranthene	**0.040**	I	0.11	0.022	1	05/16/08	05/21/08	JWG0801859	
Pyrene	**0.56**		0.11	0.021	1	05/16/08	05/21/08	JWG0801859	
Benz(a)anthracene	**0.023**	I	0.11	0.014	1	05/16/08	05/21/08	JWG0801859	
Chrysene	**0.025**	I	0.11	0.011	1	05/16/08	05/21/08	JWG0801859	
Benzo(b)fluoranthene	ND	U	0.11	0.015	1	05/16/08	05/21/08	JWG0801859	
Benzo(k)fluoranthene	ND	U	0.11	0.015	1	05/16/08	05/21/08	JWG0801859	
Benzo(a)pyrene	ND	U	0.11	0.014	1	05/16/08	05/21/08	JWG0801859	
Indeno(1,2,3-cd)pyrene	ND	U	0.11	0.016	1	05/16/08	05/21/08	JWG0801859	
Dibenz(a,h)anthracene	ND	U	0.11	0.015	1	05/16/08	05/21/08	JWG0801859	
Benzo(g,h,i)perylene	ND	U	0.11	0.015	1	05/16/08	05/21/08	JWG0801859	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	66	22-105	05/21/08	Acceptable
p-Terphenyl-d14	66	25-127	05/21/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802334
Project:	NAS JAX/112G00132	**Date Collected:**	05/15/2008
Sample Matrix:	Water	**Date Received:**	05/15/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX-PCA25-MW16I-051508	**Units:**	ug/L
Lab Code:	J0802334-002	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.11	0.046	1	05/16/08	05/21/08	JWG0801859	
2-Methylnaphthalene	**0.044**	I	0.11	0.038	1	05/16/08	05/21/08	JWG0801859	
1-Methylnaphthalene	ND	U	0.11	0.037	1	05/16/08	05/21/08	JWG0801859	
Acenaphthylene	ND	U	0.11	0.040	1	05/16/08	05/21/08	JWG0801859	
Acenaphthene	ND	U	0.11	0.040	1	05/16/08	05/21/08	JWG0801859	
Fluorene	ND	U	0.11	0.041	1	05/16/08	05/21/08	JWG0801859	
Phenanthrene	**0.058**	I	0.11	0.038	1	05/16/08	05/21/08	JWG0801859	
Anthracene	ND	U	0.11	0.030	1	05/16/08	05/21/08	JWG0801859	
Fluoranthene	**0.091**	I	0.11	0.022	1	05/16/08	05/21/08	JWG0801859	
Pyrene	**0.095**	I	0.11	0.021	1	05/16/08	05/21/08	JWG0801859	
Benz(a)anthracene	**0.016**	I	0.11	0.014	1	05/16/08	05/21/08	JWG0801859	
Chrysene	**0.075**	I	0.11	0.011	1	05/16/08	05/21/08	JWG0801859	
Benzo(b)fluoranthene	**0.054**	I	0.11	0.015	1	05/16/08	05/21/08	JWG0801859	
Benzo(k)fluoranthene	**0.039**	I	0.11	0.015	1	05/16/08	05/21/08	JWG0801859	
Benzo(a)pyrene	**0.024**	I	0.11	0.014	1	05/16/08	05/21/08	JWG0801859	
Indeno(1,2,3-cd)pyrene	**0.024**	I	0.11	0.016	1	05/16/08	05/21/08	JWG0801859	
Dibenz(a,h)anthracene	ND	U	0.11	0.015	1	05/16/08	05/21/08	JWG0801859	
Benzo(g,h,i)perylene	**0.029**	I	0.11	0.015	1	05/16/08	05/21/08	JWG0801859	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	58	22-105	05/21/08	Acceptable
p-Terphenyl-d14	65	25-127	05/21/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802334
Project:	NAS JAX/112G00132	**Date Collected:**	05/15/2008
Sample Matrix:	Water	**Date Received:**	05/15/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX-PCA25-TF-MW11-051508	**Units:**	ug/L
Lab Code:	J0802334-003	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.11	0.046	1	05/16/08	05/21/08	JWG0801859	
2-Methylnaphthalene	ND	U	0.11	0.038	1	05/16/08	05/21/08	JWG0801859	
1-Methylnaphthalene	ND	U	0.11	0.037	1	05/16/08	05/21/08	JWG0801859	
Acenaphthylene	ND	U	0.11	0.040	1	05/16/08	05/21/08	JWG0801859	
Acenaphthene	**2.5**		0.11	0.040	1	05/16/08	05/21/08	JWG0801859	
Fluorene	ND	U	0.11	0.041	1	05/16/08	05/21/08	JWG0801859	
Phenanthrene	ND	U	0.11	0.038	1	05/16/08	05/21/08	JWG0801859	
Anthracene	ND	U	0.11	0.031	1	05/16/08	05/21/08	JWG0801859	
Fluoranthene	ND	U	0.11	0.022	1	05/16/08	05/21/08	JWG0801859	
Pyrene	**0.32**		0.11	0.021	1	05/16/08	05/21/08	JWG0801859	
Benz(a)anthracene	ND	U	0.11	0.014	1	05/16/08	05/21/08	JWG0801859	
Chrysene	ND	U	0.11	0.011	1	05/16/08	05/21/08	JWG0801859	
Benzo(b)fluoranthene	ND	U	0.11	0.015	1	05/16/08	05/21/08	JWG0801859	
Benzo(k)fluoranthene	ND	U	0.11	0.015	1	05/16/08	05/21/08	JWG0801859	
Benzo(a)pyrene	ND	U	0.11	0.014	1	05/16/08	05/21/08	JWG0801859	
Indeno(1,2,3-cd)pyrene	ND	U	0.11	0.016	1	05/16/08	05/21/08	JWG0801859	
Dibenz(a,h)anthracene	ND	U	0.11	0.015	1	05/16/08	05/21/08	JWG0801859	
Benzo(g,h,i)perylene	ND	U	0.11	0.015	1	05/16/08	05/21/08	JWG0801859	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	60	22-105	05/21/08	Acceptable
p-Terphenyl-d14	62	25-127	05/21/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802334
Project:	NAS JAX/112G00132	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0801859-4	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.10	0.044	1	05/16/08	05/20/08	JWG0801859	
2-Methylnaphthalene	ND	U	0.10	0.036	1	05/16/08	05/20/08	JWG0801859	
1-Methylnaphthalene	ND	U	0.10	0.035	1	05/16/08	05/20/08	JWG0801859	
Acenaphthylene	ND	U	0.10	0.038	1	05/16/08	05/20/08	JWG0801859	
Acenaphthene	ND	U	0.10	0.038	1	05/16/08	05/20/08	JWG0801859	
Fluorene	ND	U	0.10	0.039	1	05/16/08	05/20/08	JWG0801859	
Phenanthrene	ND	U	0.10	0.036	1	05/16/08	05/20/08	JWG0801859	
Anthracene	ND	U	0.10	0.029	1	05/16/08	05/20/08	JWG0801859	
Fluoranthene	ND	U	0.10	0.021	1	05/16/08	05/20/08	JWG0801859	
Pyrene	ND	U	0.10	0.020	1	05/16/08	05/20/08	JWG0801859	
Benz(a)anthracene	ND	U	0.10	0.013	1	05/16/08	05/20/08	JWG0801859	
Chrysene	ND	U	0.10	0.010	1	05/16/08	05/20/08	JWG0801859	
Benzo(b)fluoranthene	ND	U	0.10	0.014	1	05/16/08	05/20/08	JWG0801859	
Benzo(k)fluoranthene	ND	U	0.10	0.014	1	05/16/08	05/20/08	JWG0801859	
Benzo(a)pyrene	ND	U	0.10	0.013	1	05/16/08	05/20/08	JWG0801859	
Indeno(1,2,3-cd)pyrene	ND	U	0.10	0.015	1	05/16/08	05/20/08	JWG0801859	
Dibenz(a,h)anthracene	ND	U	0.10	0.014	1	05/16/08	05/20/08	JWG0801859	
Benzo(g,h,i)perylene	ND	U	0.10	0.014	1	05/16/08	05/20/08	JWG0801859	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	59	22-105	05/20/08	Acceptable
p-Terphenyl-d14	64	25-127	05/20/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802334
Project:	NAS JAX/112G00132	**Date Collected:**	05/15/2008
Sample Matrix:	Water	**Date Received:**	05/15/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX-PCA25-TF-MW03-051508	**Units:**	mg/L
Lab Code:	J0802334-001	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	ND	U	0.42	0.062	1	05/16/08	05/21/08	JWG0801861	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
n-Nonatriacontane	52	19-141	05/21/08	Acceptable
o-Terphenyl	67	49-116	05/21/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802334
Project:	NAS JAX/112G00132	**Date Collected:**	05/15/2008
Sample Matrix:	Water	**Date Received:**	05/15/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX-PCA25-MW16I-051508	**Units:**	mg/L
Lab Code:	J0802334-002	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	ND	U	0.42	0.062	1	05/16/08	05/21/08	JWG0801861	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
n-Nonatriacontane	56	19-141	05/21/08	Acceptable
o-Terphenyl	70	49-116	05/21/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802334
Project:	NAS JAX/112G00132	**Date Collected:**	05/15/2008
Sample Matrix:	Water	**Date Received:**	05/15/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX-PCA25-TF-MW11-051508	**Units:**	mg/L
Lab Code:	J0802334-003	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	ND	U	0.42	0.062	1	05/16/08	05/21/08	JWG0801861	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
n-Nonatriacontane	50	19-141	05/21/08	Acceptable
o-Terphenyl	70	49-116	05/21/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802334
Project:	NAS JAX/112G00132	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	Method Blank	**Units:**	mg/L
Lab Code:	JWG0801861-4	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	ND	U	0.40	0.060	1	05/16/08	05/19/08	JWG0801861	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
n-Nonatriacontane	69	19-141	05/19/08	Acceptable
o-Terphenyl	74	49-116	05/19/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802334
Project:	NAS JAX/112G00132	**Date Collected:**	05/15/2008
Sample Matrix:	Water	**Date Received:**	05/15/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX-PCA25-TF-MW03-051508	**Units:**	ug/L
Lab Code:	J0802334-001	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	05/16/08	05/20/08	JWG0801842	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	133	77-150	05/20/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802334
Project:	NAS JAX/112G00132	**Date Collected:**	05/15/2008
Sample Matrix:	Water	**Date Received:**	05/15/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX-PCA25-MW16I-051508	**Units:**	ug/L
Lab Code:	J0802334-002	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	05/16/08	05/20/08	JWG0801842	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	133	77-150	05/20/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802334
Project:	NAS JAX/112G00132	**Date Collected:**	05/15/2008
Sample Matrix:	Water	**Date Received:**	05/15/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX-PCA25-TF-MW11-051508	**Units:**	ug/L
Lab Code:	J0802334-003	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	05/16/08	05/20/08	JWG0801842	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	119	77-150	05/20/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0802334
Project:	NAS JAX/112G00132	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

1,2-Dibromoethane by GC-ECD

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0801842-4	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	05/16/08	05/19/08	JWG0801842	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	132	77-150	05/19/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX-PCA25-TF-MW03-05150

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 112G00132 SAS No.: SDG NO.: J0802334

Matrix (soil/water): WATER Lab Sample ID: J0802334-001

Level (low/med): LOW Date Received: 5/15/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.20	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX-PCA25-MW16I-051508

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 112G00132 SAS No.: SDG NO.: J0802334

Matrix (soil/water): WATER Lab Sample ID: J0802334-002

Level (low/med): LOW Date Received: 5/15/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	6.5			MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX-PCA25-TF-MW11-05150

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 112G00132 SAS No.: SDG NO.: J0802334

Matrix (soil/water): WATER Lab Sample ID: J0802334-003

Level (low/med): LOW Date Received: 5/15/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.20	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

AUGUST 2008

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-MW02-20080812	**Units:**	ug/L
Lab Code:	J0803954-001	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethane	ND	U	1.0	0.56	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethene	ND	U	1.0	0.16	1	08/19/08	08/19/08	JWG0803130	
1,2,4-Trichlorobenzene	ND	U	10	0.30	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichlorobenzene	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloropropane	ND	U	1.0	0.057	1	08/19/08	08/19/08	JWG0803130	
1,3-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
1,4-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.26	1	08/19/08	08/19/08	JWG0803130	
Benzene	ND	U	1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
Bromodichloromethane	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Bromoform	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Bromomethane	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
Carbon Tetrachloride	ND	U	1.0	0.18	1	08/19/08	08/19/08	JWG0803130	
Chlorobenzene	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Chloroethane	ND	U	1.0	0.19	1	08/19/08	08/19/08	JWG0803130	
Chloroform	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Chloromethane	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
cis-1,2-Dichloroethene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
cis-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Dibromochloromethane	ND	U	1.0	0.11	1	08/19/08	08/19/08	JWG0803130	
Dichlorodifluoromethane	ND	U	5.0	0.23	1	08/19/08	08/19/08	JWG0803130	
Ethylbenzene	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
m,p-Xylenes	ND	U	2.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Methyl tert-Butyl Ether	ND	U	2.0	0.072	1	08/19/08	08/19/08	JWG0803130	
Methylene Chloride	ND	U	5.0	0.72	1	08/19/08	08/19/08	JWG0803130	
o-Xylene	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Tetrachloroethene (PCE)	ND	U	1.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Toluene	ND	U	1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
trans-1,2-Dichloroethene	ND	U	1.0	0.13	1	08/19/08	08/19/08	JWG0803130	
trans-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-MW02-20080812	**Units:**	ug/L
Lab Code:	J0803954-001	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Trichloroethene (TCE)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Trichlorofluoromethane	ND	U	1.0	0.25	1	08/19/08	08/19/08	JWG0803130	
Vinyl Chloride	ND	U	1.0	0.25	1	08/19/08	08/19/08	JWG0803130	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	98	75-120	08/19/08	Acceptable
Dibromofluoromethane	89	82-116	08/19/08	Acceptable
Toluene-d8	91	88-117	08/19/08	Acceptable

† Analyte Comments

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-MW04-20080812	**Units:**	ug/L
Lab Code:	J0803954-002	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethane	ND	U	1.0	0.56	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethene	ND	U	1.0	0.16	1	08/19/08	08/19/08	JWG0803130	
1,2,4-Trichlorobenzene	ND	U	10	0.30	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichlorobenzene	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloropropane	ND	U	1.0	0.057	1	08/19/08	08/19/08	JWG0803130	
1,3-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
1,4-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.26	1	08/19/08	08/19/08	JWG0803130	
Benzene	ND	U	1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
Bromodichloromethane	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Bromoform	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Bromomethane	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
Carbon Tetrachloride	ND	U	1.0	0.18	1	08/19/08	08/19/08	JWG0803130	
Chlorobenzene	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Chloroethane	ND	U	1.0	0.19	1	08/19/08	08/19/08	JWG0803130	
Chloroform	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Chloromethane	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
cis-1,2-Dichloroethene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
cis-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Dibromochloromethane	ND	U	1.0	0.11	1	08/19/08	08/19/08	JWG0803130	
Dichlorodifluoromethane	ND	U	5.0	0.23	1	08/19/08	08/19/08	JWG0803130	
Ethylbenzene	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
m,p-Xylenes	ND	U	2.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Methyl tert-Butyl Ether	ND	U	2.0	0.072	1	08/19/08	08/19/08	JWG0803130	
Methylene Chloride	ND	U	5.0	0.72	1	08/19/08	08/19/08	JWG0803130	
o-Xylene	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Tetrachloroethene (PCE)	ND	U	1.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Toluene	ND	U	1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
trans-1,2-Dichloroethene	ND	U	1.0	0.13	1	08/19/08	08/19/08	JWG0803130	
trans-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-MW04-20080812	**Units:**	ug/L
Lab Code:	J0803954-002	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Trichloroethene (TCE)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Trichlorofluoromethane	ND	U	1.0	0.25	1	08/19/08	08/19/08	JWG0803130	
Vinyl Chloride	ND	U	1.0	0.25	1	08/19/08	08/19/08	JWG0803130	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	86	75-120	08/19/08	Acceptable
Dibromofluoromethane	89	82-116	08/19/08	Acceptable
Toluene-d8	90	88-117	08/19/08	Acceptable

† Analyte Comments

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-MW03-20080812	**Units:**	ug/L
Lab Code:	J0803954-003	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethane	ND	U	1.0	0.56	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethene	ND	U	1.0	0.16	1	08/19/08	08/19/08	JWG0803130	
1,2,4-Trichlorobenzene	ND	U	10	0.30	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichlorobenzene	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloropropane	ND	U	1.0	0.057	1	08/19/08	08/19/08	JWG0803130	
1,3-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
1,4-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.26	1	08/19/08	08/19/08	JWG0803130	
Benzene	ND	U	1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
Bromodichloromethane	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Bromoform	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Bromomethane	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
Carbon Tetrachloride	ND	U	1.0	0.18	1	08/19/08	08/19/08	JWG0803130	
Chlorobenzene	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Chloroethane	ND	U	1.0	0.19	1	08/19/08	08/19/08	JWG0803130	
Chloroform	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Chloromethane	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
cis-1,2-Dichloroethene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
cis-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Dibromochloromethane	ND	U	1.0	0.11	1	08/19/08	08/19/08	JWG0803130	
Dichlorodifluoromethane	ND	U	5.0	0.23	1	08/19/08	08/19/08	JWG0803130	
Ethylbenzene	**3.5**		1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
m,p-Xylenes	ND	U	2.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Methyl tert-Butyl Ether	ND	U	2.0	0.072	1	08/19/08	08/19/08	JWG0803130	
Methylene Chloride	ND	U	5.0	0.72	1	08/19/08	08/19/08	JWG0803130	
o-Xylene	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Tetrachloroethene (PCE)	ND	U	1.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Toluene	ND	U	1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
trans-1,2-Dichloroethene	ND	U	1.0	0.13	1	08/19/08	08/19/08	JWG0803130	
trans-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-MW03-20080812	**Units:**	ug/L
Lab Code:	J0803954-003	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Trichloroethene (TCE)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Trichlorofluoromethane	ND	U	1.0	0.25	1	08/19/08	08/19/08	JWG0803130	
Vinyl Chloride	ND	U	1.0	0.25	1	08/19/08	08/19/08	JWG0803130	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	64	75-120	08/19/08	Outside Control Limits
Dibromofluoromethane	88	82-116	08/19/08	Acceptable
Toluene-d8	90	88-117	08/19/08	Acceptable

† Analyte Comments

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-MW13-20080812	**Units:**	ug/L
Lab Code:	J0803954-004	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethane	ND	U	1.0	0.56	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethene	ND	U	1.0	0.16	1	08/19/08	08/19/08	JWG0803130	
1,2,4-Trichlorobenzene	ND	U	10	0.30	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichlorobenzene	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloropropane	ND	U	1.0	0.057	1	08/19/08	08/19/08	JWG0803130	
1,3-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
1,4-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.26	1	08/19/08	08/19/08	JWG0803130	
Benzene	ND	U	1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
Bromodichloromethane	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Bromoform	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Bromomethane	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
Carbon Tetrachloride	ND	U	1.0	0.18	1	08/19/08	08/19/08	JWG0803130	
Chlorobenzene	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Chloroethane	ND	U	1.0	0.19	1	08/19/08	08/19/08	JWG0803130	
Chloroform	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Chloromethane	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
cis-1,2-Dichloroethene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
cis-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Dibromochloromethane	ND	U	1.0	0.11	1	08/19/08	08/19/08	JWG0803130	
Dichlorodifluoromethane	ND	U	5.0	0.23	1	08/19/08	08/19/08	JWG0803130	
Ethylbenzene	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
m,p-Xylenes	ND	U	2.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Methyl tert-Butyl Ether	ND	U	2.0	0.072	1	08/19/08	08/19/08	JWG0803130	
Methylene Chloride	ND	U	5.0	0.72	1	08/19/08	08/19/08	JWG0803130	
o-Xylene	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Tetrachloroethene (PCE)	ND	U	1.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Toluene	ND	U	1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
trans-1,2-Dichloroethene	ND	U	1.0	0.13	1	08/19/08	08/19/08	JWG0803130	
trans-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-MW13-20080812	**Units:**	ug/L
Lab Code:	J0803954-004	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Trichloroethene (TCE)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Trichlorofluoromethane	ND	U	1.0	0.25	1	08/19/08	08/19/08	JWG0803130	
Vinyl Chloride	ND	U	1.0	0.25	1	08/19/08	08/19/08	JWG0803130	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	95	75-120	08/19/08	Acceptable
Dibromofluoromethane	87	82-116	08/19/08	Acceptable
Toluene-d8	91	88-117	08/19/08	Acceptable

† Analyte Comments

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-MW14-20080812	**Units:**	ug/L
Lab Code:	J0803954-005	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethane	ND	U	1.0	0.56	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethene	ND	U	1.0	0.16	1	08/19/08	08/19/08	JWG0803130	
1,2,4-Trichlorobenzene	ND	U	10	0.30	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichlorobenzene	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloropropane	ND	U	1.0	0.057	1	08/19/08	08/19/08	JWG0803130	
1,3-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
1,4-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.26	1	08/19/08	08/19/08	JWG0803130	
Benzene	ND	U	1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
Bromodichloromethane	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Bromoform	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Bromomethane	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
Carbon Tetrachloride	ND	U	1.0	0.18	1	08/19/08	08/19/08	JWG0803130	
Chlorobenzene	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Chloroethane	ND	U	1.0	0.19	1	08/19/08	08/19/08	JWG0803130	
Chloroform	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Chloromethane	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
cis-1,2-Dichloroethene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
cis-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Dibromochloromethane	ND	U	1.0	0.11	1	08/19/08	08/19/08	JWG0803130	
Dichlorodifluoromethane	ND	U	5.0	0.23	1	08/19/08	08/19/08	JWG0803130	
Ethylbenzene	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
m,p-Xylenes	ND	U	2.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Methyl tert-Butyl Ether	ND	U	2.0	0.072	1	08/19/08	08/19/08	JWG0803130	
Methylene Chloride	ND	U	5.0	0.72	1	08/19/08	08/19/08	JWG0803130	
o-Xylene	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Tetrachloroethene (PCE)	ND	U	1.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Toluene	ND	U	1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
trans-1,2-Dichloroethene	ND	U	1.0	0.13	1	08/19/08	08/19/08	JWG0803130	
trans-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-MW14-20080812	**Units:**	ug/L
Lab Code:	J0803954-005	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Trichloroethene (TCE)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Trichlorofluoromethane	ND	U	1.0	0.25	1	08/19/08	08/19/08	JWG0803130	
Vinyl Chloride	ND	U	1.0	0.25	1	08/19/08	08/19/08	JWG0803130	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	96	75-120	08/19/08	Acceptable
Dibromofluoromethane	88	82-116	08/19/08	Acceptable
Toluene-d8	91	88-117	08/19/08	Acceptable

† Analyte Comments

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-MW15-20080813	**Units:**	ug/L
Lab Code:	J0803954-006	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethane	ND	U	1.0	0.56	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethene	ND	U	1.0	0.16	1	08/19/08	08/19/08	JWG0803130	
1,2,4-Trichlorobenzene	ND	U	10	0.30	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichlorobenzene	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloropropane	ND	U	1.0	0.057	1	08/19/08	08/19/08	JWG0803130	
1,3-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
1,4-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.26	1	08/19/08	08/19/08	JWG0803130	
Benzene	ND	U	1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
Bromodichloromethane	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Bromoform	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Bromomethane	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
Carbon Tetrachloride	ND	U	1.0	0.18	1	08/19/08	08/19/08	JWG0803130	
Chlorobenzene	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Chloroethane	ND	U	1.0	0.19	1	08/19/08	08/19/08	JWG0803130	
Chloroform	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Chloromethane	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
cis-1,2-Dichloroethene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
cis-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Dibromochloromethane	ND	U	1.0	0.11	1	08/19/08	08/19/08	JWG0803130	
Dichlorodifluoromethane	ND	U	5.0	0.23	1	08/19/08	08/19/08	JWG0803130	
Ethylbenzene	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
m,p-Xylenes	ND	U	2.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Methyl tert-Butyl Ether	ND	U	2.0	0.072	1	08/19/08	08/19/08	JWG0803130	
Methylene Chloride	ND	U	5.0	0.72	1	08/19/08	08/19/08	JWG0803130	
o-Xylene	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Tetrachloroethene (PCE)	ND	U	1.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Toluene	ND	U	1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
trans-1,2-Dichloroethene	ND	U	1.0	0.13	1	08/19/08	08/19/08	JWG0803130	
trans-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-MW15-20080813	**Units:**	ug/L
Lab Code:	J0803954-006	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Trichloroethene (TCE)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Trichlorofluoromethane	ND	U	1.0	0.25	1	08/19/08	08/19/08	JWG0803130	
Vinyl Chloride	ND	U	1.0	0.25	1	08/19/08	08/19/08	JWG0803130	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	98	75-120	08/19/08	Acceptable
Dibromofluoromethane	89	82-116	08/19/08	Acceptable
Toluene-d8	90	88-117	08/19/08	Acceptable

† Analyte Comments

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-MW12-20080813	**Units:**	ug/L
Lab Code:	J0803954-007	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethane	ND	U	1.0	0.56	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethene	ND	U	1.0	0.16	1	08/19/08	08/19/08	JWG0803130	
1,2,4-Trichlorobenzene	ND	U	10	0.30	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichlorobenzene	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloropropane	ND	U	1.0	0.057	1	08/19/08	08/19/08	JWG0803130	
1,3-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
1,4-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.26	1	08/19/08	08/19/08	JWG0803130	
Benzene	ND	U	1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
Bromodichloromethane	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Bromoform	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Bromomethane	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
Carbon Tetrachloride	ND	U	1.0	0.18	1	08/19/08	08/19/08	JWG0803130	
Chlorobenzene	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Chloroethane	ND	U	1.0	0.19	1	08/19/08	08/19/08	JWG0803130	
Chloroform	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Chloromethane	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
cis-1,2-Dichloroethene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
cis-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Dibromochloromethane	ND	U	1.0	0.11	1	08/19/08	08/19/08	JWG0803130	
Dichlorodifluoromethane	ND	U	5.0	0.23	1	08/19/08	08/19/08	JWG0803130	
Ethylbenzene	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
m,p-Xylenes	ND	U	2.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Methyl tert-Butyl Ether	ND	U	2.0	0.072	1	08/19/08	08/19/08	JWG0803130	
Methylene Chloride	ND	U	5.0	0.72	1	08/19/08	08/19/08	JWG0803130	
o-Xylene	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Tetrachloroethene (PCE)	ND	U	1.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Toluene	ND	U	1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
trans-1,2-Dichloroethene	ND	U	1.0	0.13	1	08/19/08	08/19/08	JWG0803130	
trans-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-MW12-20080813	**Units:**	ug/L
Lab Code:	J0803954-007	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Trichloroethene (TCE)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Trichlorofluoromethane	ND	U	1.0	0.25	1	08/19/08	08/19/08	JWG0803130	
Vinyl Chloride	ND	U	1.0	0.25	1	08/19/08	08/19/08	JWG0803130	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	97	75-120	08/19/08	Acceptable
Dibromofluoromethane	87	82-116	08/19/08	Acceptable
Toluene-d8	90	88-117	08/19/08	Acceptable

† Analyte Comments

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-MW09-20080813	**Units:**	ug/L
Lab Code:	J0803954-008	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethane	ND	U	1.0	0.56	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethene	ND	U	1.0	0.16	1	08/19/08	08/19/08	JWG0803130	
1,2,4-Trichlorobenzene	ND	U	10	0.30	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichlorobenzene	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloropropane	ND	U	1.0	0.057	1	08/19/08	08/19/08	JWG0803130	
1,3-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
1,4-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.26	1	08/19/08	08/19/08	JWG0803130	
Benzene	**1.2**		1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
Bromodichloromethane	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Bromoform	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Bromomethane	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
Carbon Tetrachloride	ND	U	1.0	0.18	1	08/19/08	08/19/08	JWG0803130	
Chlorobenzene	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Chloroethane	ND	U	1.0	0.19	1	08/19/08	08/19/08	JWG0803130	
Chloroform	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Chloromethane	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
cis-1,2-Dichloroethene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
cis-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Dibromochloromethane	ND	U	1.0	0.11	1	08/19/08	08/19/08	JWG0803130	
Dichlorodifluoromethane	ND	U	5.0	0.23	1	08/19/08	08/19/08	JWG0803130	
Ethylbenzene	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
m,p-Xylenes	ND	U	2.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Methyl tert-Butyl Ether	ND	U	2.0	0.072	1	08/19/08	08/19/08	JWG0803130	
Methylene Chloride	ND	U	5.0	0.72	1	08/19/08	08/19/08	JWG0803130	
o-Xylene	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Tetrachloroethene (PCE)	ND	U	1.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Toluene	ND	U	1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
trans-1,2-Dichloroethene	ND	U	1.0	0.13	1	08/19/08	08/19/08	JWG0803130	
trans-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-MW09-20080813	**Units:**	ug/L
Lab Code:	J0803954-008	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Trichloroethene (TCE)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Trichlorofluoromethane	ND	U	1.0	0.25	1	08/19/08	08/19/08	JWG0803130	
Vinyl Chloride	ND	U	1.0	0.25	1	08/19/08	08/19/08	JWG0803130	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	92	75-120	08/19/08	Acceptable
Dibromofluoromethane	88	82-116	08/19/08	Acceptable
Toluene-d8	90	88-117	08/19/08	Acceptable

† Analyte Comments

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-MW07-20080813	**Units:**	ug/L
Lab Code:	J0803954-009	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethane	ND	U	1.0	0.56	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethene	ND	U	1.0	0.16	1	08/19/08	08/19/08	JWG0803130	
1,2,4-Trichlorobenzene	ND	U	10	0.30	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichlorobenzene	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloropropane	ND	U	1.0	0.057	1	08/19/08	08/19/08	JWG0803130	
1,3-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
1,4-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.26	1	08/19/08	08/19/08	JWG0803130	
Benzene	ND	U	1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
Bromodichloromethane	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Bromoform	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Bromomethane	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
Carbon Tetrachloride	ND	U	1.0	0.18	1	08/19/08	08/19/08	JWG0803130	
Chlorobenzene	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Chloroethane	ND	U	1.0	0.19	1	08/19/08	08/19/08	JWG0803130	
Chloroform	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Chloromethane	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
cis-1,2-Dichloroethene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
cis-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Dibromochloromethane	ND	U	1.0	0.11	1	08/19/08	08/19/08	JWG0803130	
Dichlorodifluoromethane	ND	U	5.0	0.23	1	08/19/08	08/19/08	JWG0803130	
Ethylbenzene	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
m,p-Xylenes	ND	U	2.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Methyl tert-Butyl Ether	ND	U	2.0	0.072	1	08/19/08	08/19/08	JWG0803130	
Methylene Chloride	ND	U	5.0	0.72	1	08/19/08	08/19/08	JWG0803130	
o-Xylene	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Tetrachloroethene (PCE)	ND	U	1.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Toluene	ND	U	1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
trans-1,2-Dichloroethene	ND	U	1.0	0.13	1	08/19/08	08/19/08	JWG0803130	
trans-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-MW07-20080813	**Units:**	ug/L
Lab Code:	J0803954-009	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Trichloroethene (TCE)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Trichlorofluoromethane	ND	U	1.0	0.25	1	08/19/08	08/19/08	JWG0803130	
Vinyl Chloride	ND	U	1.0	0.25	1	08/19/08	08/19/08	JWG0803130	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	97	75-120	08/19/08	Acceptable
Dibromofluoromethane	90	82-116	08/19/08	Acceptable
Toluene-d8	91	88-117	08/19/08	Acceptable

† Analyte Comments

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-TFMW11-20080813	**Units:**	ug/L
Lab Code:	J0803954-010	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethane	ND	U	1.0	0.56	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethene	ND	U	1.0	0.16	1	08/19/08	08/19/08	JWG0803130	
1,2,4-Trichlorobenzene	ND	U	10	0.30	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichlorobenzene	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloropropane	ND	U	1.0	0.057	1	08/19/08	08/19/08	JWG0803130	
1,3-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
1,4-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.26	1	08/19/08	08/19/08	JWG0803130	
Benzene	ND	U	1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
Bromodichloromethane	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Bromoform	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Bromomethane	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
Carbon Tetrachloride	ND	U	1.0	0.18	1	08/19/08	08/19/08	JWG0803130	
Chlorobenzene	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Chloroethane	ND	U	1.0	0.19	1	08/19/08	08/19/08	JWG0803130	
Chloroform	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Chloromethane	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
cis-1,2-Dichloroethene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
cis-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Dibromochloromethane	ND	U	1.0	0.11	1	08/19/08	08/19/08	JWG0803130	
Dichlorodifluoromethane	ND	U	5.0	0.23	1	08/19/08	08/19/08	JWG0803130	
Ethylbenzene	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
m,p-Xylenes	ND	U	2.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Methyl tert-Butyl Ether	ND	U	2.0	0.072	1	08/19/08	08/19/08	JWG0803130	
Methylene Chloride	ND	U	5.0	0.72	1	08/19/08	08/19/08	JWG0803130	
o-Xylene	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Tetrachloroethene (PCE)	ND	U	1.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Toluene	ND	U	1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
trans-1,2-Dichloroethene	ND	U	1.0	0.13	1	08/19/08	08/19/08	JWG0803130	
trans-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-TFMW11-20080813	**Units:**	ug/L
Lab Code:	J0803954-010	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Trichloroethene (TCE)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Trichlorofluoromethane	ND	U	1.0	0.25	1	08/19/08	08/19/08	JWG0803130	
Vinyl Chloride	**6.1**		1.0	0.25	1	08/19/08	08/19/08	JWG0803130	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	97	75-120	08/19/08	Acceptable
Dibromofluoromethane	90	82-116	08/19/08	Acceptable
Toluene-d8	89	88-117	08/19/08	Acceptable

† Analyte Comments

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	TRIP BLANK	**Units:**	ug/L
Lab Code:	J0803954-011	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethane	ND	U	1.0	0.56	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethene	ND	U	1.0	0.16	1	08/19/08	08/19/08	JWG0803130	
1,2,4-Trichlorobenzene	ND	U	10	0.30	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichlorobenzene	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloropropane	ND	U	1.0	0.057	1	08/19/08	08/19/08	JWG0803130	
1,3-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
1,4-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.26	1	08/19/08	08/19/08	JWG0803130	
Benzene	ND	U	1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
Bromodichloromethane	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Bromoform	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Bromomethane	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
Carbon Tetrachloride	ND	U	1.0	0.18	1	08/19/08	08/19/08	JWG0803130	
Chlorobenzene	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Chloroethane	ND	U	1.0	0.19	1	08/19/08	08/19/08	JWG0803130	
Chloroform	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Chloromethane	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
cis-1,2-Dichloroethene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
cis-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Dibromochloromethane	ND	U	1.0	0.11	1	08/19/08	08/19/08	JWG0803130	
Dichlorodifluoromethane	ND	U	5.0	0.23	1	08/19/08	08/19/08	JWG0803130	
Ethylbenzene	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
m,p-Xylenes	ND	U	2.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Methyl tert-Butyl Ether	ND	U	2.0	0.072	1	08/19/08	08/19/08	JWG0803130	
Methylene Chloride	ND	U	5.0	0.72	1	08/19/08	08/19/08	JWG0803130	
o-Xylene	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Tetrachloroethene (PCE)	ND	U	1.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Toluene	ND	U	1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
trans-1,2-Dichloroethene	ND	U	1.0	0.13	1	08/19/08	08/19/08	JWG0803130	
trans-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	TRIP BLANK	**Units:**	ug/L
Lab Code:	J0803954-011	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Trichloroethene (TCE)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Trichlorofluoromethane	ND	U	1.0	0.25	1	08/19/08	08/19/08	JWG0803130	
Vinyl Chloride	ND	U	1.0	0.25	1	08/19/08	08/19/08	JWG0803130	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	96	75-120	08/19/08	Acceptable
Dibromofluoromethane	88	82-116	08/19/08	Acceptable
Toluene-d8	91	88-117	08/19/08	Acceptable

† Analyte Comments

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-MW11-20080812	**Units:**	ug/L
Lab Code:	J0803954-012	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethane	ND	U	1.0	0.56	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethene	ND	U	1.0	0.16	1	08/19/08	08/19/08	JWG0803130	
1,2,4-Trichlorobenzene	ND	U	10	0.30	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichlorobenzene	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloropropane	ND	U	1.0	0.057	1	08/19/08	08/19/08	JWG0803130	
1,3-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
1,4-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.26	1	08/19/08	08/19/08	JWG0803130	
Benzene	ND	U	1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
Bromodichloromethane	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Bromoform	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Bromomethane	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
Carbon Tetrachloride	ND	U	1.0	0.18	1	08/19/08	08/19/08	JWG0803130	
Chlorobenzene	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Chloroethane	ND	U	1.0	0.19	1	08/19/08	08/19/08	JWG0803130	
Chloroform	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Chloromethane	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
cis-1,2-Dichloroethene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
cis-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Dibromochloromethane	ND	U	1.0	0.11	1	08/19/08	08/19/08	JWG0803130	
Dichlorodifluoromethane	ND	U	5.0	0.23	1	08/19/08	08/19/08	JWG0803130	
Ethylbenzene	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
m,p-Xylenes	ND	U	2.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Methyl tert-Butyl Ether	ND	U	2.0	0.072	1	08/19/08	08/19/08	JWG0803130	
Methylene Chloride	ND	U	5.0	0.72	1	08/19/08	08/19/08	JWG0803130	
o-Xylene	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Tetrachloroethene (PCE)	ND	U	1.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Toluene	ND	U	1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
trans-1,2-Dichloroethene	ND	U	1.0	0.13	1	08/19/08	08/19/08	JWG0803130	
trans-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-MW11-20080812	**Units:**	ug/L
Lab Code:	J0803954-012	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Trichloroethene (TCE)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Trichlorofluoromethane	ND	U	1.0	0.25	1	08/19/08	08/19/08	JWG0803130	
Vinyl Chloride	ND	U	1.0	0.25	1	08/19/08	08/19/08	JWG0803130	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	98	75-120	08/19/08	Acceptable
Dibromofluoromethane	87	82-116	08/19/08	Acceptable
Toluene-d8	90	88-117	08/19/08	Acceptable

† Analyte Comments

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX-TFMW3-20080812	**Units:**	ug/L
Lab Code:	J0803954-013	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethane	ND	U	1.0	0.56	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethene	ND	U	1.0	0.16	1	08/19/08	08/19/08	JWG0803130	
1,2,4-Trichlorobenzene	ND	U	10	0.30	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichlorobenzene	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloropropane	ND	U	1.0	0.057	1	08/19/08	08/19/08	JWG0803130	
1,3-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
1,4-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.26	1	08/19/08	08/19/08	JWG0803130	
Benzene	ND	U	1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
Bromodichloromethane	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Bromoform	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Bromomethane	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
Carbon Tetrachloride	ND	U	1.0	0.18	1	08/19/08	08/19/08	JWG0803130	
Chlorobenzene	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Chloroethane	ND	U	1.0	0.19	1	08/19/08	08/19/08	JWG0803130	
Chloroform	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Chloromethane	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
cis-1,2-Dichloroethene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
cis-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Dibromochloromethane	ND	U	1.0	0.11	1	08/19/08	08/19/08	JWG0803130	
Dichlorodifluoromethane	ND	U	5.0	0.23	1	08/19/08	08/19/08	JWG0803130	
Ethylbenzene	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
m,p-Xylenes	ND	U	2.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Methyl tert-Butyl Ether	ND	U	2.0	0.072	1	08/19/08	08/19/08	JWG0803130	
Methylene Chloride	ND	U	5.0	0.72	1	08/19/08	08/19/08	JWG0803130	
o-Xylene	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Tetrachloroethene (PCE)	ND	U	1.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Toluene	ND	U	1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
trans-1,2-Dichloroethene	ND	U	1.0	0.13	1	08/19/08	08/19/08	JWG0803130	
trans-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX-TFMW3-20080812	**Units:**	ug/L
Lab Code:	J0803954-013	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Trichloroethene (TCE)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Trichlorofluoromethane	ND	U	1.0	0.25	1	08/19/08	08/19/08	JWG0803130	
Vinyl Chloride	ND	U	1.0	0.25	1	08/19/08	08/19/08	JWG0803130	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	97	75-120	08/19/08	Acceptable
Dibromofluoromethane	89	82-116	08/19/08	Acceptable
Toluene-d8	90	88-117	08/19/08	Acceptable

† Analyte Comments

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-MW01-20080812	**Units:**	ug/L
Lab Code:	J0803954-014	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethane	ND	U	1.0	0.56	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethene	ND	U	1.0	0.16	1	08/19/08	08/19/08	JWG0803130	
1,2,4-Trichlorobenzene	ND	U	10	0.30	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichlorobenzene	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloropropane	ND	U	1.0	0.057	1	08/19/08	08/19/08	JWG0803130	
1,3-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
1,4-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.26	1	08/19/08	08/19/08	JWG0803130	
Benzene	ND	U	1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
Bromodichloromethane	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Bromoform	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Bromomethane	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
Carbon Tetrachloride	ND	U	1.0	0.18	1	08/19/08	08/19/08	JWG0803130	
Chlorobenzene	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Chloroethane	ND	U	1.0	0.19	1	08/19/08	08/19/08	JWG0803130	
Chloroform	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Chloromethane	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
cis-1,2-Dichloroethene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
cis-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Dibromochloromethane	ND	U	1.0	0.11	1	08/19/08	08/19/08	JWG0803130	
Dichlorodifluoromethane	ND	U	5.0	0.23	1	08/19/08	08/19/08	JWG0803130	
Ethylbenzene	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
m,p-Xylenes	ND	U	2.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Methyl tert-Butyl Ether	ND	U	2.0	0.072	1	08/19/08	08/19/08	JWG0803130	
Methylene Chloride	ND	U	5.0	0.72	1	08/19/08	08/19/08	JWG0803130	
o-Xylene	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Tetrachloroethene (PCE)	ND	U	1.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Toluene	ND	U	1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
trans-1,2-Dichloroethene	ND	U	1.0	0.13	1	08/19/08	08/19/08	JWG0803130	
trans-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-MW01-20080812	**Units:**	ug/L
Lab Code:	J0803954-014	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Trichloroethene (TCE)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Trichlorofluoromethane	ND	U	1.0	0.25	1	08/19/08	08/19/08	JWG0803130	
Vinyl Chloride	ND	U	1.0	0.25	1	08/19/08	08/19/08	JWG0803130	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	96	75-120	08/19/08	Acceptable
Dibromofluoromethane	89	82-116	08/19/08	Acceptable
Toluene-d8	90	88-117	08/19/08	Acceptable

† Analyte Comments

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-MW16I-20080813	**Units:**	ug/L
Lab Code:	J0803954-015	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethane	ND	U	1.0	0.56	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethene	ND	U	1.0	0.16	1	08/19/08	08/19/08	JWG0803130	
1,2,4-Trichlorobenzene	ND	U	10	0.30	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichlorobenzene	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloropropane	ND	U	1.0	0.057	1	08/19/08	08/19/08	JWG0803130	
1,3-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
1,4-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.26	1	08/19/08	08/19/08	JWG0803130	
Benzene	ND	U	1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
Bromodichloromethane	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Bromoform	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Bromomethane	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
Carbon Tetrachloride	ND	U	1.0	0.18	1	08/19/08	08/19/08	JWG0803130	
Chlorobenzene	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Chloroethane	ND	U	1.0	0.19	1	08/19/08	08/19/08	JWG0803130	
Chloroform	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Chloromethane	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
cis-1,2-Dichloroethene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
cis-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Dibromochloromethane	ND	U	1.0	0.11	1	08/19/08	08/19/08	JWG0803130	
Dichlorodifluoromethane	ND	U	5.0	0.23	1	08/19/08	08/19/08	JWG0803130	
Ethylbenzene	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
m,p-Xylenes	ND	U	2.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Methyl tert-Butyl Ether	ND	U	2.0	0.072	1	08/19/08	08/19/08	JWG0803130	
Methylene Chloride	ND	U	5.0	0.72	1	08/19/08	08/19/08	JWG0803130	
o-Xylene	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Tetrachloroethene (PCE)	ND	U	1.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Toluene	ND	U	1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
trans-1,2-Dichloroethene	ND	U	1.0	0.13	1	08/19/08	08/19/08	JWG0803130	
trans-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-MW16I-20080813	**Units:**	ug/L
Lab Code:	J0803954-015	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Trichloroethene (TCE)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Trichlorofluoromethane	ND	U	1.0	0.25	1	08/19/08	08/19/08	JWG0803130	
Vinyl Chloride	**0.98**	I	1.0	0.25	1	08/19/08	08/19/08	JWG0803130	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	97	75-120	08/19/08	Acceptable
Dibromofluoromethane	89	82-116	08/19/08	Acceptable
Toluene-d8	91	88-117	08/19/08	Acceptable

† Analyte Comments

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-TFMW48-20080813	**Units:**	ug/L
Lab Code:	J0803954-016	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethane	ND	U	1.0	0.56	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethene	ND	U	1.0	0.16	1	08/19/08	08/19/08	JWG0803130	
1,2,4-Trichlorobenzene	ND	U	10	0.30	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichlorobenzene	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloropropane	ND	U	1.0	0.057	1	08/19/08	08/19/08	JWG0803130	
1,3-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
1,4-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.26	1	08/19/08	08/19/08	JWG0803130	
Benzene	ND	U	1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
Bromodichloromethane	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Bromoform	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Bromomethane	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
Carbon Tetrachloride	ND	U	1.0	0.18	1	08/19/08	08/19/08	JWG0803130	
Chlorobenzene	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Chloroethane	ND	U	1.0	0.19	1	08/19/08	08/19/08	JWG0803130	
Chloroform	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Chloromethane	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
cis-1,2-Dichloroethene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
cis-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Dibromochloromethane	ND	U	1.0	0.11	1	08/19/08	08/19/08	JWG0803130	
Dichlorodifluoromethane	ND	U	5.0	0.23	1	08/19/08	08/19/08	JWG0803130	
Ethylbenzene	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
m,p-Xylenes	ND	U	2.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Methyl tert-Butyl Ether	ND	U	2.0	0.072	1	08/19/08	08/19/08	JWG0803130	
Methylene Chloride	ND	U	5.0	0.72	1	08/19/08	08/19/08	JWG0803130	
o-Xylene	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Tetrachloroethene (PCE)	ND	U	1.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Toluene	ND	U	1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
trans-1,2-Dichloroethene	ND	U	1.0	0.13	1	08/19/08	08/19/08	JWG0803130	
trans-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-TFMW48-20080813	**Units:**	ug/L
Lab Code:	J0803954-016	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Trichloroethene (TCE)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Trichlorofluoromethane	ND	U	1.0	0.25	1	08/19/08	08/19/08	JWG0803130	
Vinyl Chloride	ND	U	1.0	0.25	1	08/19/08	08/19/08	JWG0803130	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	99	75-120	08/19/08	Acceptable
Dibromofluoromethane	89	82-116	08/19/08	Acceptable
Toluene-d8	90	88-117	08/19/08	Acceptable

† Analyte Comments

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0803130-4	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethane	ND	U	1.0	0.56	1	08/19/08	08/19/08	JWG0803130	
1,1-Dichloroethene	ND	U	1.0	0.16	1	08/19/08	08/19/08	JWG0803130	
1,2,4-Trichlorobenzene	ND	U	10	0.30	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichlorobenzene	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
1,2-Dichloropropane	ND	U	1.0	0.057	1	08/19/08	08/19/08	JWG0803130	
1,3-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
1,4-Dichlorobenzene	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.26	1	08/19/08	08/19/08	JWG0803130	
Benzene	ND	U	1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
Bromodichloromethane	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Bromoform	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Bromomethane	ND	U	1.0	0.14	1	08/19/08	08/19/08	JWG0803130	
Carbon Tetrachloride	ND	U	1.0	0.18	1	08/19/08	08/19/08	JWG0803130	
Chlorobenzene	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Chloroethane	ND	U	1.0	0.19	1	08/19/08	08/19/08	JWG0803130	
Chloroform	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Chloromethane	ND	U	1.0	0.17	1	08/19/08	08/19/08	JWG0803130	
cis-1,2-Dichloroethene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
cis-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	
Dibromochloromethane	ND	U	1.0	0.11	1	08/19/08	08/19/08	JWG0803130	
Dichlorodifluoromethane	ND	U	5.0	0.23	1	08/19/08	08/19/08	JWG0803130	
Ethylbenzene	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
m,p-Xylenes	ND	U	2.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Methyl tert-Butyl Ether	ND	U	2.0	0.072	1	08/19/08	08/19/08	JWG0803130	
Methylene Chloride	ND	U	5.0	0.72	1	08/19/08	08/19/08	JWG0803130	
o-Xylene	ND	U	1.0	0.10	1	08/19/08	08/19/08	JWG0803130	
Tetrachloroethene (PCE)	ND	U	1.0	0.22	1	08/19/08	08/19/08	JWG0803130	
Toluene	ND	U	1.0	0.52	1	08/19/08	08/19/08	JWG0803130	
trans-1,2-Dichloroethene	ND	U	1.0	0.13	1	08/19/08	08/19/08	JWG0803130	
trans-1,3-Dichloropropene	ND	U	1.0	0.12	1	08/19/08	08/19/08	JWG0803130	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0803130-4	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Trichloroethene (TCE)	ND	U	1.0	0.15	1	08/19/08	08/19/08	JWG0803130	
Trichlorofluoromethane	ND	U	1.0	0.25	1	08/19/08	08/19/08	JWG0803130	
Vinyl Chloride	ND	U	1.0	0.25	1	08/19/08	08/19/08	JWG0803130	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	98	75-120	08/19/08	Acceptable
Dibromofluoromethane	87	82-116	08/19/08	Acceptable
Toluene-d8	90	88-117	08/19/08	Acceptable

† Analyte Comments

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX25-MW02-20080812	**Units:**	ug/L
Lab Code:	J0803954-001	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.11	0.027	1	08/14/08	08/15/08	JWG0803081	
2-Methylnaphthalene	ND	U	0.11	0.021	1	08/14/08	08/15/08	JWG0803081	
1-Methylnaphthalene	ND	U	0.11	0.019	1	08/14/08	08/15/08	JWG0803081	
Acenaphthylene	ND	U	0.11	0.033	1	08/14/08	08/15/08	JWG0803081	
Acenaphthene	**0.32**		0.11	0.017	1	08/14/08	08/15/08	JWG0803081	
Fluorene	ND	U	0.11	0.015	1	08/14/08	08/15/08	JWG0803081	
Phenanthrene	ND	U	0.11	0.024	1	08/14/08	08/15/08	JWG0803081	
Anthracene	ND	U	0.11	0.012	1	08/14/08	08/15/08	JWG0803081	
Fluoranthene	ND	U	0.11	0.016	1	08/14/08	08/15/08	JWG0803081	
Pyrene	ND	U	0.11	0.014	1	08/14/08	08/15/08	JWG0803081	
Benz(a)anthracene	ND	U	0.11	0.012	1	08/14/08	08/15/08	JWG0803081	
Chrysene	ND	U	0.11	0.012	1	08/14/08	08/15/08	JWG0803081	
Benzo(b)fluoranthene	ND	U	0.11	0.015	1	08/14/08	08/15/08	JWG0803081	
Benzo(k)fluoranthene	ND	U	0.11	0.020	1	08/14/08	08/15/08	JWG0803081	
Benzo(a)pyrene	ND	U	0.11	0.013	1	08/14/08	08/15/08	JWG0803081	
Indeno(1,2,3-cd)pyrene	ND	U	0.11	0.017	1	08/14/08	08/15/08	JWG0803081	
Dibenz(a,h)anthracene	ND	U	0.11	0.017	1	08/14/08	08/15/08	JWG0803081	
Benzo(g,h,i)perylene	ND	U	0.11	0.019	1	08/14/08	08/15/08	JWG0803081	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	48	22-105	08/15/08	Acceptable
p-Terphenyl-d14	49	25-127	08/15/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX25-MW04-20080812	**Units:**	ug/L
Lab Code:	J0803954-002	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	**0.22**		0.11	0.027	1	08/14/08	08/16/08	JWG0803081	
2-Methylnaphthalene	**0.037**	I	0.11	0.021	1	08/14/08	08/16/08	JWG0803081	
1-Methylnaphthalene	ND	U	0.11	0.019	1	08/14/08	08/16/08	JWG0803081	
Acenaphthylene	ND	U	0.11	0.033	1	08/14/08	08/16/08	JWG0803081	
Acenaphthene	ND	U	0.11	0.017	1	08/14/08	08/16/08	JWG0803081	
Fluorene	ND	U	0.11	0.015	1	08/14/08	08/16/08	JWG0803081	
Phenanthrene	ND	U	0.11	0.024	1	08/14/08	08/16/08	JWG0803081	
Anthracene	ND	U	0.11	0.012	1	08/14/08	08/16/08	JWG0803081	
Fluoranthene	ND	U	0.11	0.016	1	08/14/08	08/16/08	JWG0803081	
Pyrene	ND	U	0.11	0.014	1	08/14/08	08/16/08	JWG0803081	
Benz(a)anthracene	ND	U	0.11	0.012	1	08/14/08	08/16/08	JWG0803081	
Chrysene	ND	U	0.11	0.012	1	08/14/08	08/16/08	JWG0803081	
Benzo(b)fluoranthene	ND	U	0.11	0.015	1	08/14/08	08/16/08	JWG0803081	
Benzo(k)fluoranthene	ND	U	0.11	0.020	1	08/14/08	08/16/08	JWG0803081	
Benzo(a)pyrene	ND	U	0.11	0.013	1	08/14/08	08/16/08	JWG0803081	
Indeno(1,2,3-cd)pyrene	ND	U	0.11	0.017	1	08/14/08	08/16/08	JWG0803081	
Dibenz(a,h)anthracene	ND	U	0.11	0.017	1	08/14/08	08/16/08	JWG0803081	
Benzo(g,h,i)perylene	ND	U	0.11	0.019	1	08/14/08	08/16/08	JWG0803081	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	23	22-105	08/16/08	Acceptable
p-Terphenyl-d14	21	25-127	08/16/08	Outside Control Limits

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX25-MW03-20080812	**Units:**	ug/L
Lab Code:	J0803954-003	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	**1.1**		0.11	0.027	1	08/14/08	08/15/08	JWG0803081	
2-Methylnaphthalene	**0.16**		0.11	0.021	1	08/14/08	08/15/08	JWG0803081	
1-Methylnaphthalene	**0.070**	I	0.11	0.019	1	08/14/08	08/15/08	JWG0803081	
Acenaphthylene	ND	U	0.11	0.033	1	08/14/08	08/15/08	JWG0803081	
Acenaphthene	**0.028**	I	0.11	0.017	1	08/14/08	08/15/08	JWG0803081	
Fluorene	ND	U	0.11	0.015	1	08/14/08	08/15/08	JWG0803081	
Phenanthrene	ND	U	0.11	0.024	1	08/14/08	08/15/08	JWG0803081	
Anthracene	ND	U	0.11	0.012	1	08/14/08	08/15/08	JWG0803081	
Fluoranthene	ND	U	0.11	0.016	1	08/14/08	08/15/08	JWG0803081	
Pyrene	ND	U	0.11	0.014	1	08/14/08	08/15/08	JWG0803081	
Benz(a)anthracene	ND	U	0.11	0.012	1	08/14/08	08/15/08	JWG0803081	
Chrysene	ND	U	0.11	0.012	1	08/14/08	08/15/08	JWG0803081	
Benzo(b)fluoranthene	ND	U	0.11	0.015	1	08/14/08	08/15/08	JWG0803081	
Benzo(k)fluoranthene	ND	U	0.11	0.020	1	08/14/08	08/15/08	JWG0803081	
Benzo(a)pyrene	ND	U	0.11	0.013	1	08/14/08	08/15/08	JWG0803081	
Indeno(1,2,3-cd)pyrene	ND	U	0.11	0.017	1	08/14/08	08/15/08	JWG0803081	
Dibenz(a,h)anthracene	ND	U	0.11	0.017	1	08/14/08	08/15/08	JWG0803081	
Benzo(g,h,i)perylene	ND	U	0.11	0.019	1	08/14/08	08/15/08	JWG0803081	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	40	22-105	08/15/08	Acceptable
p-Terphenyl-d14	43	25-127	08/15/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX25-MW13-20080812	**Units:**	ug/L
Lab Code:	J0803954-004	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.11	0.027	1	08/14/08	08/15/08	JWG0803081	
2-Methylnaphthalene	ND	U	0.11	0.021	1	08/14/08	08/15/08	JWG0803081	
1-Methylnaphthalene	**0.21**		0.11	0.019	1	08/14/08	08/15/08	JWG0803081	
Acenaphthylene	ND	U	0.11	0.033	1	08/14/08	08/15/08	JWG0803081	
Acenaphthene	**0.37**		0.11	0.017	1	08/14/08	08/15/08	JWG0803081	
Fluorene	**0.14**		0.11	0.015	1	08/14/08	08/15/08	JWG0803081	
Phenanthrene	**0.073**	I	0.11	0.024	1	08/14/08	08/15/08	JWG0803081	
Anthracene	ND	U	0.11	0.012	1	08/14/08	08/15/08	JWG0803081	
Fluoranthene	ND	U	0.11	0.016	1	08/14/08	08/15/08	JWG0803081	
Pyrene	ND	U	0.11	0.014	1	08/14/08	08/15/08	JWG0803081	
Benz(a)anthracene	ND	U	0.11	0.012	1	08/14/08	08/15/08	JWG0803081	
Chrysene	ND	U	0.11	0.012	1	08/14/08	08/15/08	JWG0803081	
Benzo(b)fluoranthene	ND	U	0.11	0.015	1	08/14/08	08/15/08	JWG0803081	
Benzo(k)fluoranthene	ND	U	0.11	0.020	1	08/14/08	08/15/08	JWG0803081	
Benzo(a)pyrene	ND	U	0.11	0.013	1	08/14/08	08/15/08	JWG0803081	
Indeno(1,2,3-cd)pyrene	ND	U	0.11	0.017	1	08/14/08	08/15/08	JWG0803081	
Dibenz(a,h)anthracene	ND	U	0.11	0.017	1	08/14/08	08/15/08	JWG0803081	
Benzo(g,h,i)perylene	ND	U	0.11	0.019	1	08/14/08	08/15/08	JWG0803081	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	44	22-105	08/15/08	Acceptable
p-Terphenyl-d14	44	25-127	08/15/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX25-MW14-20080812	**Units:**	ug/L
Lab Code:	J0803954-005	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.11	0.027	1	08/14/08	08/15/08	JWG0803081	
2-Methylnaphthalene	ND	U	0.11	0.021	1	08/14/08	08/15/08	JWG0803081	
1-Methylnaphthalene	ND	U	0.11	0.019	1	08/14/08	08/15/08	JWG0803081	
Acenaphthylene	ND	U	0.11	0.033	1	08/14/08	08/15/08	JWG0803081	
Acenaphthene	**0.24**		0.11	0.017	1	08/14/08	08/15/08	JWG0803081	
Fluorene	**0.36**		0.11	0.015	1	08/14/08	08/15/08	JWG0803081	
Phenanthrene	ND	U	0.11	0.024	1	08/14/08	08/15/08	JWG0803081	
Anthracene	**0.048**	I	0.11	0.012	1	08/14/08	08/15/08	JWG0803081	
Fluoranthene	ND	U	0.11	0.016	1	08/14/08	08/15/08	JWG0803081	
Pyrene	ND	U	0.11	0.014	1	08/14/08	08/15/08	JWG0803081	
Benz(a)anthracene	ND	U	0.11	0.012	1	08/14/08	08/15/08	JWG0803081	
Chrysene	ND	U	0.11	0.012	1	08/14/08	08/15/08	JWG0803081	
Benzo(b)fluoranthene	ND	U	0.11	0.015	1	08/14/08	08/15/08	JWG0803081	
Benzo(k)fluoranthene	ND	U	0.11	0.020	1	08/14/08	08/15/08	JWG0803081	
Benzo(a)pyrene	ND	U	0.11	0.013	1	08/14/08	08/15/08	JWG0803081	
Indeno(1,2,3-cd)pyrene	ND	U	0.11	0.017	1	08/14/08	08/15/08	JWG0803081	
Dibenz(a,h)anthracene	ND	U	0.11	0.017	1	08/14/08	08/15/08	JWG0803081	
Benzo(g,h,i)perylene	ND	U	0.11	0.019	1	08/14/08	08/15/08	JWG0803081	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	52	22-105	08/15/08	Acceptable
p-Terphenyl-d14	48	25-127	08/15/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX25-MW15-20080813	**Units:**	ug/L
Lab Code:	J0803954-006	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.11	0.027	1	08/14/08	08/15/08	JWG0803081	
2-Methylnaphthalene	ND	U	0.11	0.021	1	08/14/08	08/15/08	JWG0803081	
1-Methylnaphthalene	ND	U	0.11	0.019	1	08/14/08	08/15/08	JWG0803081	
Acenaphthylene	ND	U	0.11	0.033	1	08/14/08	08/15/08	JWG0803081	
Acenaphthene	ND	U	0.11	0.017	1	08/14/08	08/15/08	JWG0803081	
Fluorene	ND	U	0.11	0.015	1	08/14/08	08/15/08	JWG0803081	
Phenanthrene	**0.076**	I	0.11	0.024	1	08/14/08	08/15/08	JWG0803081	
Anthracene	ND	U	0.11	0.012	1	08/14/08	08/15/08	JWG0803081	
Fluoranthene	**0.13**		0.11	0.016	1	08/14/08	08/15/08	JWG0803081	
Pyrene	**0.091**	I	0.11	0.014	1	08/14/08	08/15/08	JWG0803081	
Benz(a)anthracene	**0.052**	I	0.11	0.012	1	08/14/08	08/15/08	JWG0803081	
Chrysene	ND	U	0.11	0.012	1	08/14/08	08/15/08	JWG0803081	
Benzo(b)fluoranthene	ND	U	0.11	0.015	1	08/14/08	08/15/08	JWG0803081	
Benzo(k)fluoranthene	ND	U	0.11	0.020	1	08/14/08	08/15/08	JWG0803081	
Benzo(a)pyrene	ND	U	0.11	0.013	1	08/14/08	08/15/08	JWG0803081	
Indeno(1,2,3-cd)pyrene	ND	U	0.11	0.017	1	08/14/08	08/15/08	JWG0803081	
Dibenz(a,h)anthracene	ND	U	0.11	0.017	1	08/14/08	08/15/08	JWG0803081	
Benzo(g,h,i)perylene	ND	U	0.11	0.019	1	08/14/08	08/15/08	JWG0803081	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	46	22-105	08/15/08	Acceptable
p-Terphenyl-d14	44	25-127	08/15/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX25-MW12-20080813	**Units:**	ug/L
Lab Code:	J0803954-007	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.11	0.027	1	08/14/08	08/16/08	JWG0803081	
2-Methylnaphthalene	ND	U	0.11	0.021	1	08/14/08	08/16/08	JWG0803081	
1-Methylnaphthalene	ND	U	0.11	0.019	1	08/14/08	08/16/08	JWG0803081	
Acenaphthylene	ND	U	0.11	0.033	1	08/14/08	08/16/08	JWG0803081	
Acenaphthene	ND	U	0.11	0.017	1	08/14/08	08/16/08	JWG0803081	
Fluorene	ND	U	0.11	0.015	1	08/14/08	08/16/08	JWG0803081	
Phenanthrene	ND	U	0.11	0.024	1	08/14/08	08/16/08	JWG0803081	
Anthracene	ND	U	0.11	0.012	1	08/14/08	08/16/08	JWG0803081	
Fluoranthene	ND	U	0.11	0.016	1	08/14/08	08/16/08	JWG0803081	
Pyrene	ND	U	0.11	0.014	1	08/14/08	08/16/08	JWG0803081	
Benz(a)anthracene	ND	U	0.11	0.012	1	08/14/08	08/16/08	JWG0803081	
Chrysene	ND	U	0.11	0.012	1	08/14/08	08/16/08	JWG0803081	
Benzo(b)fluoranthene	ND	U	0.11	0.015	1	08/14/08	08/16/08	JWG0803081	
Benzo(k)fluoranthene	ND	U	0.11	0.020	1	08/14/08	08/16/08	JWG0803081	
Benzo(a)pyrene	ND	U	0.11	0.013	1	08/14/08	08/16/08	JWG0803081	
Indeno(1,2,3-cd)pyrene	ND	U	0.11	0.017	1	08/14/08	08/16/08	JWG0803081	
Dibenz(a,h)anthracene	ND	U	0.11	0.017	1	08/14/08	08/16/08	JWG0803081	
Benzo(g,h,i)perylene	ND	U	0.11	0.019	1	08/14/08	08/16/08	JWG0803081	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	43	22-105	08/16/08	Acceptable
p-Terphenyl-d14	45	25-127	08/16/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX25-MW09-20080813	**Units:**	ug/L
Lab Code:	J0803954-008	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.11	0.027	1	08/14/08	08/16/08	JWG0803081	
2-Methylnaphthalene	**17**		0.11	0.021	1	08/14/08	08/16/08	JWG0803081	
1-Methylnaphthalene	**16**		0.11	0.019	1	08/14/08	08/16/08	JWG0803081	
Acenaphthylene	ND	U	0.11	0.033	1	08/14/08	08/16/08	JWG0803081	
Acenaphthene	**0.54**		0.11	0.017	1	08/14/08	08/16/08	JWG0803081	
Fluorene	**0.46**		0.11	0.015	1	08/14/08	08/16/08	JWG0803081	
Phenanthrene	**0.32**		0.11	0.024	1	08/14/08	08/16/08	JWG0803081	
Anthracene	**0.098**	I	0.11	0.012	1	08/14/08	08/16/08	JWG0803081	
Fluoranthene	**0.13**		0.11	0.016	1	08/14/08	08/16/08	JWG0803081	
Pyrene	**0.087**	I	0.11	0.014	1	08/14/08	08/16/08	JWG0803081	
Benz(a)anthracene	ND	U	0.11	0.012	1	08/14/08	08/16/08	JWG0803081	
Chrysene	ND	U	0.11	0.012	1	08/14/08	08/16/08	JWG0803081	
Benzo(b)fluoranthene	ND	U	0.11	0.015	1	08/14/08	08/16/08	JWG0803081	
Benzo(k)fluoranthene	ND	U	0.11	0.020	1	08/14/08	08/16/08	JWG0803081	
Benzo(a)pyrene	ND	U	0.11	0.013	1	08/14/08	08/16/08	JWG0803081	
Indeno(1,2,3-cd)pyrene	ND	U	0.11	0.017	1	08/14/08	08/16/08	JWG0803081	
Dibenz(a,h)anthracene	ND	U	0.11	0.017	1	08/14/08	08/16/08	JWG0803081	
Benzo(g,h,i)perylene	ND	U	0.11	0.019	1	08/14/08	08/16/08	JWG0803081	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	40	22-105	08/16/08	Acceptable
p-Terphenyl-d14	40	25-127	08/16/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX25-MW07-20080813	**Units:**	ug/L
Lab Code:	J0803954-009	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.11	0.027	1	08/14/08	08/16/08	JWG0803081	
2-Methylnaphthalene	ND	U	0.11	0.021	1	08/14/08	08/16/08	JWG0803081	
1-Methylnaphthalene	ND	U	0.11	0.019	1	08/14/08	08/16/08	JWG0803081	
Acenaphthylene	ND	U	0.11	0.033	1	08/14/08	08/16/08	JWG0803081	
Acenaphthene	**0.74**		0.11	0.017	1	08/14/08	08/16/08	JWG0803081	
Fluorene	ND	U	0.11	0.015	1	08/14/08	08/16/08	JWG0803081	
Phenanthrene	ND	U	0.11	0.024	1	08/14/08	08/16/08	JWG0803081	
Anthracene	ND	U	0.11	0.012	1	08/14/08	08/16/08	JWG0803081	
Fluoranthene	ND	U	0.11	0.016	1	08/14/08	08/16/08	JWG0803081	
Pyrene	**0.38**		0.11	0.014	1	08/14/08	08/16/08	JWG0803081	
Benz(a)anthracene	ND	U	0.11	0.012	1	08/14/08	08/16/08	JWG0803081	
Chrysene	ND	U	0.11	0.012	1	08/14/08	08/16/08	JWG0803081	
Benzo(b)fluoranthene	ND	U	0.11	0.015	1	08/14/08	08/16/08	JWG0803081	
Benzo(k)fluoranthene	ND	U	0.11	0.020	1	08/14/08	08/16/08	JWG0803081	
Benzo(a)pyrene	ND	U	0.11	0.013	1	08/14/08	08/16/08	JWG0803081	
Indeno(1,2,3-cd)pyrene	ND	U	0.11	0.017	1	08/14/08	08/16/08	JWG0803081	
Dibenz(a,h)anthracene	ND	U	0.11	0.017	1	08/14/08	08/16/08	JWG0803081	
Benzo(g,h,i)perylene	ND	U	0.11	0.019	1	08/14/08	08/16/08	JWG0803081	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	47	22-105	08/16/08	Acceptable
p-Terphenyl-d14	42	25-127	08/16/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX25-TFMW11-20080813	**Units:**	ug/L
Lab Code:	J0803954-010	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.11	0.027	1	08/14/08	08/16/08	JWG0803081	
2-Methylnaphthalene	ND	U	0.11	0.021	1	08/14/08	08/16/08	JWG0803081	
1-Methylnaphthalene	ND	U	0.11	0.019	1	08/14/08	08/16/08	JWG0803081	
Acenaphthylene	ND	U	0.11	0.033	1	08/14/08	08/16/08	JWG0803081	
Acenaphthene	**0.66**		0.11	0.017	1	08/14/08	08/16/08	JWG0803081	
Fluorene	ND	U	0.11	0.015	1	08/14/08	08/16/08	JWG0803081	
Phenanthrene	ND	U	0.11	0.024	1	08/14/08	08/16/08	JWG0803081	
Anthracene	ND	U	0.11	0.012	1	08/14/08	08/16/08	JWG0803081	
Fluoranthene	ND	U	0.11	0.016	1	08/14/08	08/16/08	JWG0803081	
Pyrene	**0.096**	I	0.11	0.014	1	08/14/08	08/16/08	JWG0803081	
Benz(a)anthracene	ND	U	0.11	0.012	1	08/14/08	08/16/08	JWG0803081	
Chrysene	ND	U	0.11	0.012	1	08/14/08	08/16/08	JWG0803081	
Benzo(b)fluoranthene	ND	U	0.11	0.015	1	08/14/08	08/16/08	JWG0803081	
Benzo(k)fluoranthene	ND	U	0.11	0.020	1	08/14/08	08/16/08	JWG0803081	
Benzo(a)pyrene	ND	U	0.11	0.013	1	08/14/08	08/16/08	JWG0803081	
Indeno(1,2,3-cd)pyrene	ND	U	0.11	0.017	1	08/14/08	08/16/08	JWG0803081	
Dibenz(a,h)anthracene	ND	U	0.11	0.017	1	08/14/08	08/16/08	JWG0803081	
Benzo(g,h,i)perylene	ND	U	0.11	0.019	1	08/14/08	08/16/08	JWG0803081	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	39	22-105	08/16/08	Acceptable
p-Terphenyl-d14	35	25-127	08/16/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX25-MW11-20080812	**Units:**	ug/L
Lab Code:	J0803954-012	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.11	0.027	1	08/14/08	08/16/08	JWG0803081	
2-Methylnaphthalene	ND	U	0.11	0.021	1	08/14/08	08/16/08	JWG0803081	
1-Methylnaphthalene	ND	U	0.11	0.019	1	08/14/08	08/16/08	JWG0803081	
Acenaphthylene	ND	U	0.11	0.033	1	08/14/08	08/16/08	JWG0803081	
Acenaphthene	ND	U	0.11	0.017	1	08/14/08	08/16/08	JWG0803081	
Fluorene	ND	U	0.11	0.015	1	08/14/08	08/16/08	JWG0803081	
Phenanthrene	ND	U	0.11	0.024	1	08/14/08	08/16/08	JWG0803081	
Anthracene	ND	U	0.11	0.012	1	08/14/08	08/16/08	JWG0803081	
Fluoranthene	ND	U	0.11	0.016	1	08/14/08	08/16/08	JWG0803081	
Pyrene	ND	U	0.11	0.014	1	08/14/08	08/16/08	JWG0803081	
Benz(a)anthracene	ND	U	0.11	0.012	1	08/14/08	08/16/08	JWG0803081	
Chrysene	ND	U	0.11	0.012	1	08/14/08	08/16/08	JWG0803081	
Benzo(b)fluoranthene	ND	U	0.11	0.015	1	08/14/08	08/16/08	JWG0803081	
Benzo(k)fluoranthene	ND	U	0.11	0.020	1	08/14/08	08/16/08	JWG0803081	
Benzo(a)pyrene	ND	U	0.11	0.013	1	08/14/08	08/16/08	JWG0803081	
Indeno(1,2,3-cd)pyrene	ND	U	0.11	0.017	1	08/14/08	08/16/08	JWG0803081	
Dibenz(a,h)anthracene	ND	U	0.11	0.017	1	08/14/08	08/16/08	JWG0803081	
Benzo(g,h,i)perylene	ND	U	0.11	0.019	1	08/14/08	08/16/08	JWG0803081	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	40	22-105	08/16/08	Acceptable
p-Terphenyl-d14	40	25-127	08/16/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX-TFMW3-20080812	**Units:**	ug/L
Lab Code:	J0803954-013	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.11	0.027	1	08/14/08	08/16/08	JWG0803081	
2-Methylnaphthalene	ND	U	0.11	0.021	1	08/14/08	08/16/08	JWG0803081	
1-Methylnaphthalene	**0.023**	I	0.11	0.019	1	08/14/08	08/16/08	JWG0803081	
Acenaphthylene	ND	U	0.11	0.033	1	08/14/08	08/16/08	JWG0803081	
Acenaphthene	**0.16**		0.11	0.017	1	08/14/08	08/16/08	JWG0803081	
Fluorene	ND	U	0.11	0.015	1	08/14/08	08/16/08	JWG0803081	
Phenanthrene	ND	U	0.11	0.024	1	08/14/08	08/16/08	JWG0803081	
Anthracene	ND	U	0.11	0.012	1	08/14/08	08/16/08	JWG0803081	
Fluoranthene	ND	U	0.11	0.016	1	08/14/08	08/16/08	JWG0803081	
Pyrene	ND	U	0.11	0.014	1	08/14/08	08/16/08	JWG0803081	
Benz(a)anthracene	ND	U	0.11	0.012	1	08/14/08	08/16/08	JWG0803081	
Chrysene	ND	U	0.11	0.012	1	08/14/08	08/16/08	JWG0803081	
Benzo(b)fluoranthene	ND	U	0.11	0.015	1	08/14/08	08/16/08	JWG0803081	
Benzo(k)fluoranthene	ND	U	0.11	0.020	1	08/14/08	08/16/08	JWG0803081	
Benzo(a)pyrene	ND	U	0.11	0.013	1	08/14/08	08/16/08	JWG0803081	
Indeno(1,2,3-cd)pyrene	ND	U	0.11	0.017	1	08/14/08	08/16/08	JWG0803081	
Dibenz(a,h)anthracene	ND	U	0.11	0.017	1	08/14/08	08/16/08	JWG0803081	
Benzo(g,h,i)perylene	ND	U	0.11	0.019	1	08/14/08	08/16/08	JWG0803081	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	46	22-105	08/16/08	Acceptable
p-Terphenyl-d14	48	25-127	08/16/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX25-MW01-20080812	**Units:**	ug/L
Lab Code:	J0803954-014	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.11	0.027	1	08/14/08	08/16/08	JWG0803081	
2-Methylnaphthalene	ND	U	0.11	0.021	1	08/14/08	08/16/08	JWG0803081	
1-Methylnaphthalene	ND	U	0.11	0.019	1	08/14/08	08/16/08	JWG0803081	
Acenaphthylene	ND	U	0.11	0.033	1	08/14/08	08/16/08	JWG0803081	
Acenaphthene	**0.064**	I	0.11	0.017	1	08/14/08	08/16/08	JWG0803081	
Fluorene	ND	U	0.11	0.015	1	08/14/08	08/16/08	JWG0803081	
Phenanthrene	ND	U	0.11	0.024	1	08/14/08	08/16/08	JWG0803081	
Anthracene	ND	U	0.11	0.012	1	08/14/08	08/16/08	JWG0803081	
Fluoranthene	ND	U	0.11	0.016	1	08/14/08	08/16/08	JWG0803081	
Pyrene	**0.13**		0.11	0.014	1	08/14/08	08/16/08	JWG0803081	
Benz(a)anthracene	ND	U	0.11	0.012	1	08/14/08	08/16/08	JWG0803081	
Chrysene	ND	U	0.11	0.012	1	08/14/08	08/16/08	JWG0803081	
Benzo(b)fluoranthene	ND	U	0.11	0.015	1	08/14/08	08/16/08	JWG0803081	
Benzo(k)fluoranthene	ND	U	0.11	0.020	1	08/14/08	08/16/08	JWG0803081	
Benzo(a)pyrene	ND	U	0.11	0.013	1	08/14/08	08/16/08	JWG0803081	
Indeno(1,2,3-cd)pyrene	ND	U	0.11	0.017	1	08/14/08	08/16/08	JWG0803081	
Dibenz(a,h)anthracene	ND	U	0.11	0.017	1	08/14/08	08/16/08	JWG0803081	
Benzo(g,h,i)perylene	ND	U	0.11	0.019	1	08/14/08	08/16/08	JWG0803081	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	67	22-105	08/16/08	Acceptable
p-Terphenyl-d14	59	25-127	08/16/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX25-MW16I-20080813	**Units:**	ug/L
Lab Code:	J0803954-015	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.11	0.027	1	08/14/08	08/16/08	JWG0803081	
2-Methylnaphthalene	ND	U	0.11	0.021	1	08/14/08	08/16/08	JWG0803081	
1-Methylnaphthalene	ND	U	0.11	0.019	1	08/14/08	08/16/08	JWG0803081	
Acenaphthylene	ND	U	0.11	0.033	1	08/14/08	08/16/08	JWG0803081	
Acenaphthene	ND	U	0.11	0.017	1	08/14/08	08/16/08	JWG0803081	
Fluorene	ND	U	0.11	0.015	1	08/14/08	08/16/08	JWG0803081	
Phenanthrene	ND	U	0.11	0.024	1	08/14/08	08/16/08	JWG0803081	
Anthracene	ND	U	0.11	0.012	1	08/14/08	08/16/08	JWG0803081	
Fluoranthene	ND	U	0.11	0.016	1	08/14/08	08/16/08	JWG0803081	
Pyrene	ND	U	0.11	0.014	1	08/14/08	08/16/08	JWG0803081	
Benz(a)anthracene	ND	U	0.11	0.012	1	08/14/08	08/16/08	JWG0803081	
Chrysene	ND	U	0.11	0.012	1	08/14/08	08/16/08	JWG0803081	
Benzo(b)fluoranthene	ND	U	0.11	0.015	1	08/14/08	08/16/08	JWG0803081	
Benzo(k)fluoranthene	ND	U	0.11	0.020	1	08/14/08	08/16/08	JWG0803081	
Benzo(a)pyrene	ND	U	0.11	0.013	1	08/14/08	08/16/08	JWG0803081	
Indeno(1,2,3-cd)pyrene	ND	U	0.11	0.017	1	08/14/08	08/16/08	JWG0803081	
Dibenz(a,h)anthracene	ND	U	0.11	0.017	1	08/14/08	08/16/08	JWG0803081	
Benzo(g,h,i)perylene	ND	U	0.11	0.019	1	08/14/08	08/16/08	JWG0803081	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	41	22-105	08/16/08	Acceptable
p-Terphenyl-d14	39	25-127	08/16/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX25-TFMW48-20080813	**Units:**	ug/L
Lab Code:	J0803954-016	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.11	0.027	1	08/14/08	08/16/08	JWG0803081	
2-Methylnaphthalene	**0.070**	I	0.11	0.021	1	08/14/08	08/16/08	JWG0803081	
1-Methylnaphthalene	**0.055**	I	0.11	0.019	1	08/14/08	08/16/08	JWG0803081	
Acenaphthylene	ND	U	0.11	0.033	1	08/14/08	08/16/08	JWG0803081	
Acenaphthene	ND	U	0.11	0.017	1	08/14/08	08/16/08	JWG0803081	
Fluorene	ND	U	0.11	0.015	1	08/14/08	08/16/08	JWG0803081	
Phenanthrene	ND	U	0.11	0.024	1	08/14/08	08/16/08	JWG0803081	
Anthracene	ND	U	0.11	0.012	1	08/14/08	08/16/08	JWG0803081	
Fluoranthene	ND	U	0.11	0.016	1	08/14/08	08/16/08	JWG0803081	
Pyrene	ND	U	0.11	0.014	1	08/14/08	08/16/08	JWG0803081	
Benz(a)anthracene	ND	U	0.11	0.012	1	08/14/08	08/16/08	JWG0803081	
Chrysene	ND	U	0.11	0.012	1	08/14/08	08/16/08	JWG0803081	
Benzo(b)fluoranthene	ND	U	0.11	0.015	1	08/14/08	08/16/08	JWG0803081	
Benzo(k)fluoranthene	ND	U	0.11	0.020	1	08/14/08	08/16/08	JWG0803081	
Benzo(a)pyrene	ND	U	0.11	0.013	1	08/14/08	08/16/08	JWG0803081	
Indeno(1,2,3-cd)pyrene	ND	U	0.11	0.017	1	08/14/08	08/16/08	JWG0803081	
Dibenz(a,h)anthracene	ND	U	0.11	0.017	1	08/14/08	08/16/08	JWG0803081	
Benzo(g,h,i)perylene	ND	U	0.11	0.019	1	08/14/08	08/16/08	JWG0803081	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	43	22-105	08/16/08	Acceptable
p-Terphenyl-d14	40	25-127	08/16/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0803081-4	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.10	0.026	1	08/14/08	08/15/08	JWG0803081	
2-Methylnaphthalene	ND	U	0.10	0.020	1	08/14/08	08/15/08	JWG0803081	
1-Methylnaphthalene	ND	U	0.10	0.018	1	08/14/08	08/15/08	JWG0803081	
Acenaphthylene	ND	U	0.10	0.032	1	08/14/08	08/15/08	JWG0803081	
Acenaphthene	ND	U	0.10	0.016	1	08/14/08	08/15/08	JWG0803081	
Fluorene	ND	U	0.10	0.014	1	08/14/08	08/15/08	JWG0803081	
Phenanthrene	ND	U	0.10	0.023	1	08/14/08	08/15/08	JWG0803081	
Anthracene	ND	U	0.10	0.011	1	08/14/08	08/15/08	JWG0803081	
Fluoranthene	ND	U	0.10	0.015	1	08/14/08	08/15/08	JWG0803081	
Pyrene	ND	U	0.10	0.013	1	08/14/08	08/15/08	JWG0803081	
Benz(a)anthracene	ND	U	0.10	0.011	1	08/14/08	08/15/08	JWG0803081	
Chrysene	ND	U	0.10	0.011	1	08/14/08	08/15/08	JWG0803081	
Benzo(b)fluoranthene	ND	U	0.10	0.014	1	08/14/08	08/15/08	JWG0803081	
Benzo(k)fluoranthene	ND	U	0.10	0.019	1	08/14/08	08/15/08	JWG0803081	
Benzo(a)pyrene	ND	U	0.10	0.012	1	08/14/08	08/15/08	JWG0803081	
Indeno(1,2,3-cd)pyrene	ND	U	0.10	0.016	1	08/14/08	08/15/08	JWG0803081	
Dibenz(a,h)anthracene	ND	U	0.10	0.016	1	08/14/08	08/15/08	JWG0803081	
Benzo(g,h,i)perylene	ND	U	0.10	0.018	1	08/14/08	08/15/08	JWG0803081	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	49	22-105	08/15/08	Acceptable
p-Terphenyl-d14	49	25-127	08/15/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX25-MW02-20080812	**Units:**	mg/L
Lab Code:	J0803954-001	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	ND	U	0.42	0.062	1	08/14/08	08/19/08	JWG0803087	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
o-Terphenyl	55	49-116	08/19/08	Acceptable
n-Nonatriacontane	57	19-141	08/19/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX25-MW04-20080812	**Units:**	mg/L
Lab Code:	J0803954-002	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	**0.74**		0.42	0.062	1	08/14/08	08/19/08	JWG0803087	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
o-Terphenyl	56	49-116	08/19/08	Acceptable
n-Nonatriacontane	59	19-141	08/19/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX25-MW03-20080812	**Units:**	mg/L
Lab Code:	J0803954-003	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	**1.4**		0.42	0.062	1	08/14/08	08/19/08	JWG0803087	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
o-Terphenyl	57	49-116	08/19/08	Acceptable
n-Nonatriacontane	57	19-141	08/19/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX25-MW13-20080812	**Units:**	mg/L
Lab Code:	J0803954-004	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	**0.52**		0.42	0.062	1	08/14/08	08/19/08	JWG0803087	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
o-Terphenyl	55	49-116	08/19/08	Acceptable
n-Nonatriacontane	54	19-141	08/19/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX25-MW14-20080812	**Units:**	mg/L
Lab Code:	J0803954-005	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	ND	U	0.42	0.062	1	08/14/08	08/19/08	JWG0803087	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
o-Terphenyl	65	49-116	08/19/08	Acceptable
n-Nonatriacontane	61	19-141	08/19/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX25-MW15-20080813	**Units:**	mg/L
Lab Code:	J0803954-006	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	ND	U	0.42	0.062	1	08/14/08	08/17/08	JWG0803087	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
o-Terphenyl	61	49-116	08/17/08	Acceptable
n-Nonatriacontane	65	19-141	08/17/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX25-MW12-20080813	**Units:**	mg/L
Lab Code:	J0803954-007	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	ND	U	0.42	0.063	1	08/15/08	08/17/08	JWG0803087	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
o-Terphenyl	62	49-116	08/17/08	Acceptable
n-Nonatriacontane	62	19-141	08/17/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX25-MW09-20080813	**Units:**	mg/L
Lab Code:	J0803954-008	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	**2.1**		0.42	0.063	1	08/15/08	08/17/08	JWG0803087	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
o-Terphenyl	61	49-116	08/17/08	Acceptable
n-Nonatriacontane	61	19-141	08/17/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX25-MW07-20080813	**Units:**	mg/L
Lab Code:	J0803954-009	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	ND	U	0.42	0.062	1	08/15/08	08/17/08	JWG0803087	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
o-Terphenyl	59	49-116	08/17/08	Acceptable
n-Nonatriacontane	62	19-141	08/17/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX25-TFMW11-20080813	**Units:**	mg/L
Lab Code:	J0803954-010	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	ND	U	0.42	0.062	1	08/15/08	08/17/08	JWG0803087	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
o-Terphenyl	61	49-116	08/17/08	Acceptable
n-Nonatriacontane	58	19-141	08/17/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX25-MW11-20080812	**Units:**	mg/L
Lab Code:	J0803954-012	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	ND	U	0.42	0.062	1	08/15/08	08/17/08	JWG0803087	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
o-Terphenyl	60	49-116	08/17/08	Acceptable
n-Nonatriacontane	61	19-141	08/17/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX-TFMW3-20080812	**Units:**	mg/L
Lab Code:	J0803954-013	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	ND	U	0.42	0.062	1	08/15/08	08/17/08	JWG0803087	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
o-Terphenyl	60	49-116	08/17/08	Acceptable
n-Nonatriacontane	62	19-141	08/17/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX25-MW01-20080812	**Units:**	mg/L
Lab Code:	J0803954-014	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	**0.49**		0.41	0.062	1	08/15/08	08/19/08	JWG0803087	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
n-Nonatriacontane	56	19-141	08/19/08	Acceptable
o-Terphenyl	55	49-116	08/19/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX25-MW16I-20080813	**Units:**	mg/L
Lab Code:	J0803954-015	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	ND	U	0.42	0.062	1	08/15/08	08/17/08	JWG0803087	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
o-Terphenyl	55	49-116	08/17/08	Acceptable
n-Nonatriacontane	61	19-141	08/17/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX25-TFMW48-20080813	**Units:**	mg/L
Lab Code:	J0803954-016	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	ND	U	0.42	0.062	1	08/15/08	08/18/08	JWG0803087	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
o-Terphenyl	54	49-116	08/18/08	Acceptable
n-Nonatriacontane	63	19-141	08/18/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	Method Blank	**Units:**	mg/L
Lab Code:	JWG0803087-4	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	ND	U	0.40	0.060	1	08/14/08	08/25/08	JWG0803087	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
o-Terphenyl	57	49-116	08/25/08	Acceptable
n-Nonatriacontane	60	19-141	08/25/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX25-MW02-20080812	**Units:**	ug/L
Lab Code:	J0803954-001	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	08/25/08	08/26/08	JWG0803164	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	127	77-150	08/26/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX25-MW04-20080812	**Units:**	ug/L
Lab Code:	J0803954-002	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	08/25/08	08/26/08	JWG0803164	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	98	77-150	08/26/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX25-MW03-20080812	**Units:**	ug/L
Lab Code:	J0803954-003	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	08/25/08	08/26/08	JWG0803164	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	129	77-150	08/26/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX25-MW13-20080812	**Units:**	ug/L
Lab Code:	J0803954-004	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	08/25/08	08/26/08	JWG0803164	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	128	77-150	08/26/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX25-MW14-20080812	**Units:**	ug/L
Lab Code:	J0803954-005	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	08/25/08	08/26/08	JWG0803164	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	125	77-150	08/26/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX25-MW15-20080813	**Units:**	ug/L
Lab Code:	J0803954-006	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	08/25/08	08/26/08	JWG0803164	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	138	77-150	08/26/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX25-MW12-20080813	**Units:**	ug/L
Lab Code:	J0803954-007	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	08/25/08	08/26/08	JWG0803164	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	114	77-150	08/26/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX25-MW09-20080813	**Units:**	ug/L
Lab Code:	J0803954-008	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	08/25/08	08/26/08	JWG0803164	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	122	77-150	08/26/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX25-MW07-20080813	**Units:**	ug/L
Lab Code:	J0803954-009	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	08/25/08	08/26/08	JWG0803164	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	118	77-150	08/26/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX25-TFMW11-20080813	**Units:**	ug/L
Lab Code:	J0803954-010	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	08/25/08	08/26/08	JWG0803164	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	102	77-150	08/26/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX25-MW11-20080812	**Units:**	ug/L
Lab Code:	J0803954-012	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	08/25/08	08/26/08	JWG0803164	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	118	77-150	08/26/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX-TFMW3-20080812	**Units:**	ug/L
Lab Code:	J0803954-013	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	08/25/08	08/26/08	JWG0803164	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	113	77-150	08/26/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/12/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX25-MW01-20080812	**Units:**	ug/L
Lab Code:	J0803954-014	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	08/25/08	08/26/08	JWG0803164	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	125	77-150	08/26/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX25-MW16I-20080813	**Units:**	ug/L
Lab Code:	J0803954-015	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	08/25/08	08/26/08	JWG0803164	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	115	77-150	08/26/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	08/13/2008
Sample Matrix:	Water	**Date Received:**	08/13/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX25-TFMW48-20080813	**Units:**	ug/L
Lab Code:	J0803954-016	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	08/25/08	08/26/08	JWG0803164	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	110	77-150	08/26/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0803954
Project:	NAS JAX/112G00132	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

1,2-Dibromoethane by GC-ECD

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0803164-4	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	08/25/08	08/26/08	JWG0803164	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	124	77-150	08/26/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX25-MW02-20080812

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 112G00132 SAS No.: SDG NO.: J0803954

Matrix (soil/water): WATER Lab Sample ID: J0803954-001

Level (low/med): LOW Date Received: 8/13/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.6	i		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX25-MW04-20080812

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 112G00132 SAS No.: SDG NO.: J0803954

Matrix (soil/water): WATER Lab Sample ID: J0803954-002

Level (low/med): LOW Date Received: 8/13/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.7	i		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX25-MW03-20080812

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 112G00132 SAS No.: SDG NO.: J0803954

Matrix (soil/water): WATER Lab Sample ID: J0803954-003

Level (low/med): LOW Date Received: 8/13/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	9.9			MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX25-MW13-20080812

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 112G00132 SAS No.: SDG NO.: J0803954

Matrix (soil/water): WATER Lab Sample ID: J0803954-004

Level (low/med): LOW Date Received: 8/13/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	2.8			MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX25-MW14-20080812

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 112G00132 SAS No.: SDG NO.: J0803954

Matrix (soil/water): WATER Lab Sample ID: J0803954-005

Level (low/med): LOW Date Received: 8/13/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	1.2			MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX25-MW15-20080813

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 112G00132 SAS No.: SDG NO.: J0803954

Matrix (soil/water): WATER Lab Sample ID: J0803954-006

Level (low/med): LOW Date Received: 8/13/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.2	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX25-MW12-20080813

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 112G00132 SAS No.: SDG NO.: J0803954

Matrix (soil/water): WATER Lab Sample ID: J0803954-007

Level (low/med): LOW Date Received: 8/13/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.4	i		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX25-MW09-20080813

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 112G00132 SAS No.: SDG NO.: J0803954

Matrix (soil/water): WATER Lab Sample ID: J0803954-008

Level (low/med): LOW Date Received: 8/13/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	1.6			MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX25-MW07-20080813

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 112G00132 SAS No.: SDG NO.: J0803954

Matrix (soil/water): WATER Lab Sample ID: J0803954-009

Level (low/med): LOW Date Received: 8/13/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.4	i		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX25-TFMW11-20080813

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 112G00132 SAS No.: SDG NO.: J0803954

Matrix (soil/water): WATER Lab Sample ID: J0803954-010

Level (low/med): LOW Date Received: 8/13/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.7	i		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX25-MW11-20080812

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 112G00132 SAS No.: SDG NO.: J0803954

Matrix (soil/water): WATER Lab Sample ID: J0803954-012

Level (low/med): LOW Date Received: 8/13/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.2	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX-TFMW3-20080812

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 112G00132 SAS No.: SDG NO.: J0803954

Matrix (soil/water): WATER Lab Sample ID: J0803954-013

Level (low/med): LOW Date Received: 8/13/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.2	i		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX25-MW01-20080812

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 112G00132 SAS No.: SDG NO.: J0803954

Matrix (soil/water): WATER Lab Sample ID: J0803954-014

Level (low/med): LOW Date Received: 8/13/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.2	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX25-MW16I-20080813

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 112G00132 SAS No.: SDG NO.: J0803954

Matrix (soil/water): WATER Lab Sample ID: J0803954-015

Level (low/med): LOW Date Received: 8/13/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.2	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX25-TFMW48-20080813

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 112G00132 SAS No.: SDG NO.: J0803954

Matrix (soil/water): WATER Lab Sample ID: J0803954-016

Level (low/med): LOW Date Received: 8/13/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	3.4			MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

NOVEMBER 2008

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0805523
Project:	NAS JAX/11200132	**Date Collected:**	11/12/2008
Sample Matrix:	Water	**Date Received:**	11/12/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-TFMW11-111208	**Units:**	ug/L
Lab Code:	J0805523-001	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.21	1	11/18/08	11/18/08	JWG0804430	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.15	1	11/18/08	11/18/08	JWG0804430	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	11/18/08	11/18/08	JWG0804430	
1,1-Dichloroethane	ND	U	1.0	0.56	1	11/18/08	11/18/08	JWG0804430	
1,1-Dichloroethene	ND	U	1.0	0.16	1	11/18/08	11/18/08	JWG0804430	
1,2,4-Trichlorobenzene	ND	U	10	0.30	1	11/18/08	11/18/08	JWG0804430	
1,2-Dichlorobenzene	ND	U	1.0	0.17	1	11/18/08	11/18/08	JWG0804430	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.15	1	11/18/08	11/18/08	JWG0804430	
1,2-Dichloropropane	ND	U	1.0	0.057	1	11/18/08	11/18/08	JWG0804430	
1,3-Dichlorobenzene	ND	U	1.0	0.14	1	11/18/08	11/18/08	JWG0804430	
1,4-Dichlorobenzene	ND	U	1.0	0.14	1	11/18/08	11/18/08	JWG0804430	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.26	1	11/18/08	11/18/08	JWG0804430	
Benzene	ND	U	1.0	0.52	1	11/18/08	11/18/08	JWG0804430	
Bromodichloromethane	ND	U	1.0	0.10	1	11/18/08	11/18/08	JWG0804430	
Bromoform	ND	U	2.0	0.12	1	11/18/08	11/18/08	JWG0804430	
Bromomethane	ND	U	1.0	0.14	1	11/18/08	11/18/08	JWG0804430	
Carbon Tetrachloride	ND	U	1.0	0.18	1	11/18/08	11/18/08	JWG0804430	
Chlorobenzene	ND	U	1.0	0.15	1	11/18/08	11/18/08	JWG0804430	
Chloroethane	ND	U	5.0	0.19	1	11/18/08	11/18/08	JWG0804430	
Chloroform	ND	U	1.0	0.10	1	11/18/08	11/18/08	JWG0804430	
Chloromethane	ND	U	1.0	0.17	1	11/18/08	11/18/08	JWG0804430	
cis-1,2-Dichloroethene	ND	U	1.0	0.12	1	11/18/08	11/18/08	JWG0804430	
cis-1,3-Dichloropropene	ND	U	1.0	0.12	1	11/18/08	11/18/08	JWG0804430	
Dibromochloromethane	ND	U	1.0	0.11	1	11/18/08	11/18/08	JWG0804430	
Dichlorodifluoromethane	ND	U	20	0.23	1	11/18/08	11/18/08	JWG0804430	
Ethylbenzene	ND	U	1.0	0.10	1	11/18/08	11/18/08	JWG0804430	
m,p-Xylenes	ND	U	2.0	0.22	1	11/18/08	11/18/08	JWG0804430	
Methyl tert-Butyl Ether	ND	U	2.0	0.072	1	11/18/08	11/18/08	JWG0804430	
Methylene Chloride	ND	U	5.0	0.72	1	11/18/08	11/18/08	JWG0804430	
o-Xylene	ND	U	1.0	0.10	1	11/18/08	11/18/08	JWG0804430	
Tetrachloroethene (PCE)	ND	U	1.0	0.22	1	11/18/08	11/18/08	JWG0804430	
Toluene	ND	U	1.0	0.52	1	11/18/08	11/18/08	JWG0804430	
trans-1,2-Dichloroethene	ND	U	1.0	0.13	1	11/18/08	11/18/08	JWG0804430	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0805523
Project:	NAS JAX/11200132	**Date Collected:**	11/12/2008
Sample Matrix:	Water	**Date Received:**	11/12/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-TFMW11-111208	**Units:**	ug/L
Lab Code:	J0805523-001	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
trans-1,3-Dichloropropene	ND	U	1.0	0.12	1	11/18/08	11/18/08	JWG0804430	
Trichloroethene (TCE)	ND	U	1.0	0.15	1	11/18/08	11/18/08	JWG0804430	
Trichlorofluoromethane	ND	U	20	0.25	1	11/18/08	11/18/08	JWG0804430	
Vinyl Chloride	**3.8**		1.0	0.25	1	11/18/08	11/18/08	JWG0804430	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	93	75-120	11/18/08	Acceptable
Dibromofluoromethane	99	82-116	11/18/08	Acceptable
Toluene-d8	106	88-117	11/18/08	Acceptable

† **Analyte Comments**

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0805523
Project:	NAS JAX/11200132	**Date Collected:**	11/12/2008
Sample Matrix:	Water	**Date Received:**	11/12/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-MW09-111208	**Units:**	ug/L
Lab Code:	J0805523-002	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.21	1	11/18/08	11/18/08	JWG0804430	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.15	1	11/18/08	11/18/08	JWG0804430	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	11/18/08	11/18/08	JWG0804430	
1,1-Dichloroethane	ND	U	1.0	0.56	1	11/18/08	11/18/08	JWG0804430	
1,1-Dichloroethene	ND	U	1.0	0.16	1	11/18/08	11/18/08	JWG0804430	
1,2,4-Trichlorobenzene	ND	U	10	0.30	1	11/18/08	11/18/08	JWG0804430	
1,2-Dichlorobenzene	ND	U	1.0	0.17	1	11/18/08	11/18/08	JWG0804430	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.15	1	11/18/08	11/18/08	JWG0804430	
1,2-Dichloropropane	ND	U	1.0	0.057	1	11/18/08	11/18/08	JWG0804430	
1,3-Dichlorobenzene	ND	U	1.0	0.14	1	11/18/08	11/18/08	JWG0804430	
1,4-Dichlorobenzene	ND	U	1.0	0.14	1	11/18/08	11/18/08	JWG0804430	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.26	1	11/18/08	11/18/08	JWG0804430	
Benzene	ND	U	1.0	0.52	1	11/18/08	11/18/08	JWG0804430	
Bromodichloromethane	ND	U	1.0	0.10	1	11/18/08	11/18/08	JWG0804430	
Bromoform	ND	U	2.0	0.12	1	11/18/08	11/18/08	JWG0804430	
Bromomethane	ND	U	1.0	0.14	1	11/18/08	11/18/08	JWG0804430	
Carbon Tetrachloride	ND	U	1.0	0.18	1	11/18/08	11/18/08	JWG0804430	
Chlorobenzene	ND	U	1.0	0.15	1	11/18/08	11/18/08	JWG0804430	
Chloroethane	ND	U	5.0	0.19	1	11/18/08	11/18/08	JWG0804430	
Chloroform	ND	U	1.0	0.10	1	11/18/08	11/18/08	JWG0804430	
Chloromethane	ND	U	1.0	0.17	1	11/18/08	11/18/08	JWG0804430	
cis-1,2-Dichloroethene	ND	U	1.0	0.12	1	11/18/08	11/18/08	JWG0804430	
cis-1,3-Dichloropropene	ND	U	1.0	0.12	1	11/18/08	11/18/08	JWG0804430	
Dibromochloromethane	ND	U	1.0	0.11	1	11/18/08	11/18/08	JWG0804430	
Dichlorodifluoromethane	ND	U	20	0.23	1	11/18/08	11/18/08	JWG0804430	
Ethylbenzene	ND	U	1.0	0.10	1	11/18/08	11/18/08	JWG0804430	
m,p-Xylenes	ND	U	2.0	0.22	1	11/18/08	11/18/08	JWG0804430	
Methyl tert-Butyl Ether	ND	U	2.0	0.072	1	11/18/08	11/18/08	JWG0804430	
Methylene Chloride	ND	U	5.0	0.72	1	11/18/08	11/18/08	JWG0804430	
o-Xylene	ND	U	1.0	0.10	1	11/18/08	11/18/08	JWG0804430	
Tetrachloroethene (PCE)	ND	U	1.0	0.22	1	11/18/08	11/18/08	JWG0804430	
Toluene	ND	U	1.0	0.52	1	11/18/08	11/18/08	JWG0804430	
trans-1,2-Dichloroethene	ND	U	1.0	0.13	1	11/18/08	11/18/08	JWG0804430	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0805523
Project:	NAS JAX/11200132	**Date Collected:**	11/12/2008
Sample Matrix:	Water	**Date Received:**	11/12/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-MW09-111208	**Units:**	ug/L
Lab Code:	J0805523-002	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
trans-1,3-Dichloropropene	ND	U	1.0	0.12	1	11/18/08	11/18/08	JWG0804430	
Trichloroethene (TCE)	ND	U	1.0	0.15	1	11/18/08	11/18/08	JWG0804430	
Trichlorofluoromethane	ND	U	20	0.25	1	11/18/08	11/18/08	JWG0804430	
Vinyl Chloride	ND	U	1.0	0.25	1	11/18/08	11/18/08	JWG0804430	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	92	75-120	11/18/08	Acceptable
Dibromofluoromethane	99	82-116	11/18/08	Acceptable
Toluene-d8	106	88-117	11/18/08	Acceptable

† **Analyte Comments**

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0805523
Project:	NAS JAX/11200132	**Date Collected:**	11/12/2008
Sample Matrix:	Water	**Date Received:**	11/12/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-MW16I-111208	**Units:**	ug/L
Lab Code:	J0805523-003	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.21	1	11/18/08	11/18/08	JWG0804430	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.15	1	11/18/08	11/18/08	JWG0804430	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	11/18/08	11/18/08	JWG0804430	
1,1-Dichloroethane	ND	U	1.0	0.56	1	11/18/08	11/18/08	JWG0804430	
1,1-Dichloroethene	ND	U	1.0	0.16	1	11/18/08	11/18/08	JWG0804430	
1,2,4-Trichlorobenzene	ND	U	10	0.30	1	11/18/08	11/18/08	JWG0804430	
1,2-Dichlorobenzene	ND	U	1.0	0.17	1	11/18/08	11/18/08	JWG0804430	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.15	1	11/18/08	11/18/08	JWG0804430	
1,2-Dichloropropane	ND	U	1.0	0.057	1	11/18/08	11/18/08	JWG0804430	
1,3-Dichlorobenzene	ND	U	1.0	0.14	1	11/18/08	11/18/08	JWG0804430	
1,4-Dichlorobenzene	ND	U	1.0	0.14	1	11/18/08	11/18/08	JWG0804430	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.26	1	11/18/08	11/18/08	JWG0804430	
Benzene	ND	U	1.0	0.52	1	11/18/08	11/18/08	JWG0804430	
Bromodichloromethane	ND	U	1.0	0.10	1	11/18/08	11/18/08	JWG0804430	
Bromoform	ND	U	2.0	0.12	1	11/18/08	11/18/08	JWG0804430	
Bromomethane	ND	U	1.0	0.14	1	11/18/08	11/18/08	JWG0804430	
Carbon Tetrachloride	ND	U	1.0	0.18	1	11/18/08	11/18/08	JWG0804430	
Chlorobenzene	ND	U	1.0	0.15	1	11/18/08	11/18/08	JWG0804430	
Chloroethane	ND	U	5.0	0.19	1	11/18/08	11/18/08	JWG0804430	
Chloroform	ND	U	1.0	0.10	1	11/18/08	11/18/08	JWG0804430	
Chloromethane	ND	U	1.0	0.17	1	11/18/08	11/18/08	JWG0804430	
cis-1,2-Dichloroethene	ND	U	1.0	0.12	1	11/18/08	11/18/08	JWG0804430	
cis-1,3-Dichloropropene	ND	U	1.0	0.12	1	11/18/08	11/18/08	JWG0804430	
Dibromochloromethane	ND	U	1.0	0.11	1	11/18/08	11/18/08	JWG0804430	
Dichlorodifluoromethane	ND	U	20	0.23	1	11/18/08	11/18/08	JWG0804430	
Ethylbenzene	ND	U	1.0	0.10	1	11/18/08	11/18/08	JWG0804430	
m,p-Xylenes	ND	U	2.0	0.22	1	11/18/08	11/18/08	JWG0804430	
Methyl tert-Butyl Ether	ND	U	2.0	0.072	1	11/18/08	11/18/08	JWG0804430	
Methylene Chloride	ND	U	5.0	0.72	1	11/18/08	11/18/08	JWG0804430	
o-Xylene	ND	U	1.0	0.10	1	11/18/08	11/18/08	JWG0804430	
Tetrachloroethene (PCE)	ND	U	1.0	0.22	1	11/18/08	11/18/08	JWG0804430	
Toluene	ND	U	1.0	0.52	1	11/18/08	11/18/08	JWG0804430	
trans-1,2-Dichloroethene	ND	U	1.0	0.13	1	11/18/08	11/18/08	JWG0804430	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0805523
Project:	NAS JAX/11200132	**Date Collected:**	11/12/2008
Sample Matrix:	Water	**Date Received:**	11/12/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-MW16I-111208	**Units:**	ug/L
Lab Code:	J0805523-003	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
trans-1,3-Dichloropropene	ND	U	1.0	0.12	1	11/18/08	11/18/08	JWG0804430	
Trichloroethene (TCE)	ND	U	1.0	0.15	1	11/18/08	11/18/08	JWG0804430	
Trichlorofluoromethane	ND	U	20	0.25	1	11/18/08	11/18/08	JWG0804430	
Vinyl Chloride	ND	U	1.0	0.25	1	11/18/08	11/18/08	JWG0804430	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	91	75-120	11/18/08	Acceptable
Dibromofluoromethane	99	82-116	11/18/08	Acceptable
Toluene-d8	107	88-117	11/18/08	Acceptable

† **Analyte Comments**

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0805523
Project:	NAS JAX/11200132	**Date Collected:**	11/12/2008
Sample Matrix:	Water	**Date Received:**	11/12/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-MW03-111208	**Units:**	ug/L
Lab Code:	J0805523-004	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.21	1	11/18/08	11/18/08	JWG0804430	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.15	1	11/18/08	11/18/08	JWG0804430	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	11/18/08	11/18/08	JWG0804430	
1,1-Dichloroethane	ND	U	1.0	0.56	1	11/18/08	11/18/08	JWG0804430	
1,1-Dichloroethene	ND	U	1.0	0.16	1	11/18/08	11/18/08	JWG0804430	
1,2,4-Trichlorobenzene	ND	U	10	0.30	1	11/18/08	11/18/08	JWG0804430	
1,2-Dichlorobenzene	ND	U	1.0	0.17	1	11/18/08	11/18/08	JWG0804430	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.15	1	11/18/08	11/18/08	JWG0804430	
1,2-Dichloropropane	ND	U	1.0	0.057	1	11/18/08	11/18/08	JWG0804430	
1,3-Dichlorobenzene	ND	U	1.0	0.14	1	11/18/08	11/18/08	JWG0804430	
1,4-Dichlorobenzene	ND	U	1.0	0.14	1	11/18/08	11/18/08	JWG0804430	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.26	1	11/18/08	11/18/08	JWG0804430	
Benzene	ND	U	1.0	0.52	1	11/18/08	11/18/08	JWG0804430	
Bromodichloromethane	ND	U	1.0	0.10	1	11/18/08	11/18/08	JWG0804430	
Bromoform	ND	U	2.0	0.12	1	11/18/08	11/18/08	JWG0804430	
Bromomethane	ND	U	1.0	0.14	1	11/18/08	11/18/08	JWG0804430	
Carbon Tetrachloride	ND	U	1.0	0.18	1	11/18/08	11/18/08	JWG0804430	
Chlorobenzene	ND	U	1.0	0.15	1	11/18/08	11/18/08	JWG0804430	
Chloroethane	ND	U	5.0	0.19	1	11/18/08	11/18/08	JWG0804430	
Chloroform	ND	U	1.0	0.10	1	11/18/08	11/18/08	JWG0804430	
Chloromethane	ND	U	1.0	0.17	1	11/18/08	11/18/08	JWG0804430	
cis-1,2-Dichloroethene	ND	U	1.0	0.12	1	11/18/08	11/18/08	JWG0804430	
cis-1,3-Dichloropropene	ND	U	1.0	0.12	1	11/18/08	11/18/08	JWG0804430	
Dibromochloromethane	ND	U	1.0	0.11	1	11/18/08	11/18/08	JWG0804430	
Dichlorodifluoromethane	ND	U	20	0.23	1	11/18/08	11/18/08	JWG0804430	
Ethylbenzene	**4.6**		1.0	0.10	1	11/18/08	11/18/08	JWG0804430	
m,p-Xylenes	**0.34**	I	2.0	0.22	1	11/18/08	11/18/08	JWG0804430	
Methyl tert-Butyl Ether	ND	U	2.0	0.072	1	11/18/08	11/18/08	JWG0804430	
Methylene Chloride	ND	U	5.0	0.72	1	11/18/08	11/18/08	JWG0804430	
o-Xylene	ND	U	1.0	0.10	1	11/18/08	11/18/08	JWG0804430	
Tetrachloroethene (PCE)	ND	U	1.0	0.22	1	11/18/08	11/18/08	JWG0804430	
Toluene	ND	U	1.0	0.52	1	11/18/08	11/18/08	JWG0804430	
trans-1,2-Dichloroethene	ND	U	1.0	0.13	1	11/18/08	11/18/08	JWG0804430	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0805523
Project:	NAS JAX/11200132	**Date Collected:**	11/12/2008
Sample Matrix:	Water	**Date Received:**	11/12/2008

Volatile Organic Compounds by GC/MS

Sample Name:	JAX25-MW03-111208	**Units:**	ug/L
Lab Code:	J0805523-004	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
trans-1,3-Dichloropropene	ND	U	1.0	0.12	1	11/18/08	11/18/08	JWG0804430	
Trichloroethene (TCE)	ND	U	1.0	0.15	1	11/18/08	11/18/08	JWG0804430	
Trichlorofluoromethane	ND	U	20	0.25	1	11/18/08	11/18/08	JWG0804430	
Vinyl Chloride	ND	U	1.0	0.25	1	11/18/08	11/18/08	JWG0804430	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	75	75-120	11/18/08	Acceptable
Dibromofluoromethane	99	82-116	11/18/08	Acceptable
Toluene-d8	107	88-117	11/18/08	Acceptable

† **Analyte Comments**

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0805523
Project:	NAS JAX/11200132	**Date Collected:**	11/12/2008
Sample Matrix:	Water	**Date Received:**	11/12/2008

Volatile Organic Compounds by GC/MS

Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	J0805523-005	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.21	1	11/18/08	11/18/08	JWG0804430	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.15	1	11/18/08	11/18/08	JWG0804430	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	11/18/08	11/18/08	JWG0804430	
1,1-Dichloroethane	ND	U	1.0	0.56	1	11/18/08	11/18/08	JWG0804430	
1,1-Dichloroethene	ND	U	1.0	0.16	1	11/18/08	11/18/08	JWG0804430	
1,2,4-Trichlorobenzene	ND	U	10	0.30	1	11/18/08	11/18/08	JWG0804430	
1,2-Dichlorobenzene	ND	U	1.0	0.17	1	11/18/08	11/18/08	JWG0804430	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.15	1	11/18/08	11/18/08	JWG0804430	
1,2-Dichloropropane	ND	U	1.0	0.057	1	11/18/08	11/18/08	JWG0804430	
1,3-Dichlorobenzene	ND	U	1.0	0.14	1	11/18/08	11/18/08	JWG0804430	
1,4-Dichlorobenzene	ND	U	1.0	0.14	1	11/18/08	11/18/08	JWG0804430	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.26	1	11/18/08	11/18/08	JWG0804430	
Benzene	ND	U	1.0	0.52	1	11/18/08	11/18/08	JWG0804430	
Bromodichloromethane	ND	U	1.0	0.10	1	11/18/08	11/18/08	JWG0804430	
Bromoform	ND	U	2.0	0.12	1	11/18/08	11/18/08	JWG0804430	
Bromomethane	ND	U	1.0	0.14	1	11/18/08	11/18/08	JWG0804430	
Carbon Tetrachloride	ND	U	1.0	0.18	1	11/18/08	11/18/08	JWG0804430	
Chlorobenzene	ND	U	1.0	0.15	1	11/18/08	11/18/08	JWG0804430	
Chloroethane	ND	U	5.0	0.19	1	11/18/08	11/18/08	JWG0804430	
Chloroform	ND	U	1.0	0.10	1	11/18/08	11/18/08	JWG0804430	
Chloromethane	ND	U	1.0	0.17	1	11/18/08	11/18/08	JWG0804430	
cis-1,2-Dichloroethene	ND	U	1.0	0.12	1	11/18/08	11/18/08	JWG0804430	
cis-1,3-Dichloropropene	ND	U	1.0	0.12	1	11/18/08	11/18/08	JWG0804430	
Dibromochloromethane	ND	U	1.0	0.11	1	11/18/08	11/18/08	JWG0804430	
Dichlorodifluoromethane	ND	U	20	0.23	1	11/18/08	11/18/08	JWG0804430	
Ethylbenzene	ND	U	1.0	0.10	1	11/18/08	11/18/08	JWG0804430	
m,p-Xylenes	ND	U	2.0	0.22	1	11/18/08	11/18/08	JWG0804430	
Methyl tert-Butyl Ether	ND	U	2.0	0.072	1	11/18/08	11/18/08	JWG0804430	
Methylene Chloride	ND	U	5.0	0.72	1	11/18/08	11/18/08	JWG0804430	
o-Xylene	ND	U	1.0	0.10	1	11/18/08	11/18/08	JWG0804430	
Tetrachloroethene (PCE)	ND	U	1.0	0.22	1	11/18/08	11/18/08	JWG0804430	
Toluene	ND	U	1.0	0.52	1	11/18/08	11/18/08	JWG0804430	
trans-1,2-Dichloroethene	ND	U	1.0	0.13	1	11/18/08	11/18/08	JWG0804430	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0805523
Project:	NAS JAX/11200132	**Date Collected:**	11/12/2008
Sample Matrix:	Water	**Date Received:**	11/12/2008

Volatile Organic Compounds by GC/MS

Sample Name:	Trip Blank	**Units:**	ug/L
Lab Code:	J0805523-005	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
trans-1,3-Dichloropropene	ND	U	1.0	0.12	1	11/18/08	11/18/08	JWG0804430	
Trichloroethene (TCE)	ND	U	1.0	0.15	1	11/18/08	11/18/08	JWG0804430	
Trichlorofluoromethane	ND	U	20	0.25	1	11/18/08	11/18/08	JWG0804430	
Vinyl Chloride	ND	U	1.0	0.25	1	11/18/08	11/18/08	JWG0804430	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	93	75-120	11/18/08	Acceptable
Dibromofluoromethane	98	82-116	11/18/08	Acceptable
Toluene-d8	107	88-117	11/18/08	Acceptable

† **Analyte Comments**

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Tetra Tech NUS, Inc.
Project: NAS JAX/11200132
Sample Matrix: Water

Service Request: J0805523
Date Collected: NA
Date Received: NA

Volatile Organic Compounds by GC/MS

Sample Name: Method Blank
Lab Code: JWG0804430-4

Units: ug/L
Basis: NA

Extraction Method: EPA 5030B
Analysis Method: 8260B

Level: Low

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,1,1-Trichloroethane (TCA)	ND	U	1.0	0.21	1	11/18/08	11/18/08	JWG0804430	
1,1,2,2-Tetrachloroethane	ND	U	1.0	0.15	1	11/18/08	11/18/08	JWG0804430	
1,1,2-Trichloroethane	ND	U	1.0	0.21	1	11/18/08	11/18/08	JWG0804430	
1,1-Dichloroethane	ND	U	1.0	0.56	1	11/18/08	11/18/08	JWG0804430	
1,1-Dichloroethene	ND	U	1.0	0.16	1	11/18/08	11/18/08	JWG0804430	
1,2,4-Trichlorobenzene	ND	U	10	0.30	1	11/18/08	11/18/08	JWG0804430	
1,2-Dichlorobenzene	ND	U	1.0	0.17	1	11/18/08	11/18/08	JWG0804430	
1,2-Dichloroethane (EDC)	ND	U	1.0	0.15	1	11/18/08	11/18/08	JWG0804430	
1,2-Dichloropropane	ND	U	1.0	0.057	1	11/18/08	11/18/08	JWG0804430	
1,3-Dichlorobenzene	ND	U	1.0	0.14	1	11/18/08	11/18/08	JWG0804430	
1,4-Dichlorobenzene	ND	U	1.0	0.14	1	11/18/08	11/18/08	JWG0804430	
2-Chloroethyl Vinyl Ether†	ND	U	25	0.26	1	11/18/08	11/18/08	JWG0804430	
Benzene	ND	U	1.0	0.52	1	11/18/08	11/18/08	JWG0804430	
Bromodichloromethane	ND	U	1.0	0.10	1	11/18/08	11/18/08	JWG0804430	
Bromoform	ND	U	2.0	0.12	1	11/18/08	11/18/08	JWG0804430	
Bromomethane	ND	U	1.0	0.14	1	11/18/08	11/18/08	JWG0804430	
Carbon Tetrachloride	ND	U	1.0	0.18	1	11/18/08	11/18/08	JWG0804430	
Chlorobenzene	ND	U	1.0	0.15	1	11/18/08	11/18/08	JWG0804430	
Chloroethane	ND	U	5.0	0.19	1	11/18/08	11/18/08	JWG0804430	
Chloroform	ND	U	1.0	0.10	1	11/18/08	11/18/08	JWG0804430	
Chloromethane	ND	U	1.0	0.17	1	11/18/08	11/18/08	JWG0804430	
cis-1,2-Dichloroethene	ND	U	1.0	0.12	1	11/18/08	11/18/08	JWG0804430	
cis-1,3-Dichloropropene	ND	U	1.0	0.12	1	11/18/08	11/18/08	JWG0804430	
Dibromochloromethane	ND	U	1.0	0.11	1	11/18/08	11/18/08	JWG0804430	
Dichlorodifluoromethane	ND	U	20	0.23	1	11/18/08	11/18/08	JWG0804430	
Ethylbenzene	ND	U	1.0	0.10	1	11/18/08	11/18/08	JWG0804430	
m,p-Xylenes	ND	U	2.0	0.22	1	11/18/08	11/18/08	JWG0804430	
Methyl tert-Butyl Ether	ND	U	2.0	0.072	1	11/18/08	11/18/08	JWG0804430	
Methylene Chloride	ND	U	5.0	0.72	1	11/18/08	11/18/08	JWG0804430	
o-Xylene	ND	U	1.0	0.10	1	11/18/08	11/18/08	JWG0804430	
Tetrachloroethene (PCE)	ND	U	1.0	0.22	1	11/18/08	11/18/08	JWG0804430	
Toluene	ND	U	1.0	0.52	1	11/18/08	11/18/08	JWG0804430	
trans-1,2-Dichloroethene	ND	U	1.0	0.13	1	11/18/08	11/18/08	JWG0804430	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0805523
Project:	NAS JAX/11200132	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0804430-4	**Basis:**	NA
Extraction Method:	EPA 5030B	**Level:**	Low
Analysis Method:	8260B		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
trans-1,3-Dichloropropene	ND	U	1.0	0.12	1	11/18/08	11/18/08	JWG0804430	
Trichloroethene (TCE)	ND	U	1.0	0.15	1	11/18/08	11/18/08	JWG0804430	
Trichlorofluoromethane	ND	U	20	0.25	1	11/18/08	11/18/08	JWG0804430	
Vinyl Chloride	ND	U	1.0	0.25	1	11/18/08	11/18/08	JWG0804430	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	92	75-120	11/18/08	Acceptable
Dibromofluoromethane	100	82-116	11/18/08	Acceptable
Toluene-d8	107	88-117	11/18/08	Acceptable

† **Analyte Comments**

2-Chloroethyl Vinyl Ether	This analyte is susceptible to acid hydrolysis and is not expected to be present in samples preserved to a low pH.

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0805523
Project:	NAS JAX/11200132	**Date Collected:**	11/12/2008
Sample Matrix:	Water	**Date Received:**	11/12/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX25-TFMW11-111208	**Units:**	ug/L
Lab Code:	J0805523-001	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	11/16/08	11/18/08	JWG0804358	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	126	77-150	11/18/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0805523
Project:	NAS JAX/11200132	**Date Collected:**	11/12/2008
Sample Matrix:	Water	**Date Received:**	11/12/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX25-MW09-111208	**Units:**	ug/L
Lab Code:	J0805523-002	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	11/16/08	11/18/08	JWG0804358	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	128	77-150	11/18/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0805523
Project:	NAS JAX/11200132	**Date Collected:**	11/12/2008
Sample Matrix:	Water	**Date Received:**	11/12/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX25-MW16I-111208	**Units:**	ug/L
Lab Code:	J0805523-003	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	11/16/08	11/18/08	JWG0804358	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	130	77-150	11/18/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0805523
Project:	NAS JAX/11200132	**Date Collected:**	11/12/2008
Sample Matrix:	Water	**Date Received:**	11/12/2008

1,2-Dibromoethane by GC-ECD

Sample Name:	JAX25-MW03-111208	**Units:**	ug/L
Lab Code:	J0805523-004	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	11/16/08	11/18/08	JWG0804358	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	125	77-150	11/18/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0805523
Project:	NAS JAX/11200132	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

1,2-Dibromoethane by GC-ECD

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0804358-4	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	8011		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
1,2-Dibromoethane (EDB)	ND	U	0.020	0.0070	1	11/16/08	11/18/08	JWG0804358	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,1,1,2-Tetrachloroethane	132	77-150	11/18/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0805523
Project:	NAS JAX/11200132	**Date Collected:**	11/12/2008
Sample Matrix:	Water	**Date Received:**	11/12/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX25-TFMW11-111208	**Units:**	ug/L
Lab Code:	J0805523-001	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.11	0.027	1	11/18/08	11/21/08	JWG0804425	
2-Methylnaphthalene	ND	U	0.11	0.021	1	11/18/08	11/21/08	JWG0804425	
1-Methylnaphthalene	ND	U	0.11	0.019	1	11/18/08	11/21/08	JWG0804425	
Acenaphthylene	ND	U	0.11	0.033	1	11/18/08	11/21/08	JWG0804425	
Acenaphthene	**0.96**		0.11	0.017	1	11/18/08	11/21/08	JWG0804425	
Fluorene	ND	U	0.11	0.015	1	11/18/08	11/21/08	JWG0804425	
Phenanthrene	ND	U	0.11	0.024	1	11/18/08	11/21/08	JWG0804425	
Anthracene	ND	U	0.11	0.012	1	11/18/08	11/21/08	JWG0804425	
Fluoranthene	ND	U	0.11	0.016	1	11/18/08	11/21/08	JWG0804425	
Pyrene	ND	U	0.11	0.014	1	11/18/08	11/21/08	JWG0804425	
Benz(a)anthracene	ND	U	0.11	0.012	1	11/18/08	11/21/08	JWG0804425	
Chrysene	ND	U	0.11	0.012	1	11/18/08	11/21/08	JWG0804425	
Benzo(b)fluoranthene	ND	U	0.11	0.015	1	11/18/08	11/21/08	JWG0804425	
Benzo(k)fluoranthene	ND	U	0.11	0.020	1	11/18/08	11/21/08	JWG0804425	
Benzo(a)pyrene	ND	U	0.11	0.013	1	11/18/08	11/21/08	JWG0804425	
Indeno(1,2,3-cd)pyrene	ND	U	0.11	0.017	1	11/18/08	11/21/08	JWG0804425	
Dibenz(a,h)anthracene	ND	U	0.11	0.017	1	11/18/08	11/21/08	JWG0804425	
Benzo(g,h,i)perylene	ND	U	0.11	0.019	1	11/18/08	11/21/08	JWG0804425	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	29	22-105	11/21/08	Acceptable
p-Terphenyl-d14	40	25-127	11/21/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0805523
Project:	NAS JAX/11200132	**Date Collected:**	11/12/2008
Sample Matrix:	Water	**Date Received:**	11/12/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX25-MW09-111208	**Units:**	ug/L
Lab Code:	J0805523-002	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.11	0.027	1	11/18/08	11/21/08	JWG0804425	
2-Methylnaphthalene	**24**		1.1	0.21	10	11/18/08	11/21/08	JWG0804425	
1-Methylnaphthalene	**24**		1.1	0.19	10	11/18/08	11/21/08	JWG0804425	
Acenaphthylene	ND	U	0.11	0.033	1	11/18/08	11/21/08	JWG0804425	
Acenaphthene	**0.62**		0.11	0.017	1	11/18/08	11/21/08	JWG0804425	
Fluorene	**0.85**		0.11	0.015	1	11/18/08	11/21/08	JWG0804425	
Phenanthrene	**0.54**		0.11	0.024	1	11/18/08	11/21/08	JWG0804425	
Anthracene	ND	U	0.11	0.012	1	11/18/08	11/21/08	JWG0804425	
Fluoranthene	**0.28**		0.11	0.016	1	11/18/08	11/21/08	JWG0804425	
Pyrene	**0.19**		0.11	0.014	1	11/18/08	11/21/08	JWG0804425	
Benz(a)anthracene	ND	U	0.11	0.012	1	11/18/08	11/21/08	JWG0804425	
Chrysene	ND	U	0.11	0.012	1	11/18/08	11/21/08	JWG0804425	
Benzo(b)fluoranthene	ND	U	0.11	0.015	1	11/18/08	11/21/08	JWG0804425	
Benzo(k)fluoranthene	ND	U	0.11	0.020	1	11/18/08	11/21/08	JWG0804425	
Benzo(a)pyrene	ND	U	0.11	0.013	1	11/18/08	11/21/08	JWG0804425	
Indeno(1,2,3-cd)pyrene	ND	U	0.11	0.017	1	11/18/08	11/21/08	JWG0804425	
Dibenz(a,h)anthracene	ND	U	0.11	0.017	1	11/18/08	11/21/08	JWG0804425	
Benzo(g,h,i)perylene	ND	U	0.11	0.019	1	11/18/08	11/21/08	JWG0804425	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	37	22-105	11/21/08	Acceptable
p-Terphenyl-d14	47	25-127	11/21/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0805523
Project:	NAS JAX/11200132	**Date Collected:**	11/12/2008
Sample Matrix:	Water	**Date Received:**	11/12/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX25-MW16I-111208	**Units:**	ug/L
Lab Code:	J0805523-003	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.11	0.027	1	11/18/08	11/21/08	JWG0804425	
2-Methylnaphthalene	ND	U	0.11	0.021	1	11/18/08	11/21/08	JWG0804425	
1-Methylnaphthalene	ND	U	0.11	0.019	1	11/18/08	11/21/08	JWG0804425	
Acenaphthylene	ND	U	0.11	0.033	1	11/18/08	11/21/08	JWG0804425	
Acenaphthene	ND	U	0.11	0.017	1	11/18/08	11/21/08	JWG0804425	
Fluorene	ND	U	0.11	0.015	1	11/18/08	11/21/08	JWG0804425	
Phenanthrene	ND	U	0.11	0.024	1	11/18/08	11/21/08	JWG0804425	
Anthracene	ND	U	0.11	0.012	1	11/18/08	11/21/08	JWG0804425	
Fluoranthene	ND	U	0.11	0.016	1	11/18/08	11/21/08	JWG0804425	
Pyrene	ND	U	0.11	0.014	1	11/18/08	11/21/08	JWG0804425	
Benz(a)anthracene	ND	U	0.11	0.012	1	11/18/08	11/21/08	JWG0804425	
Chrysene	ND	U	0.11	0.012	1	11/18/08	11/21/08	JWG0804425	
Benzo(b)fluoranthene	ND	U	0.11	0.015	1	11/18/08	11/21/08	JWG0804425	
Benzo(k)fluoranthene	ND	U	0.11	0.020	1	11/18/08	11/21/08	JWG0804425	
Benzo(a)pyrene	ND	U	0.11	0.013	1	11/18/08	11/21/08	JWG0804425	
Indeno(1,2,3-cd)pyrene	ND	U	0.11	0.017	1	11/18/08	11/21/08	JWG0804425	
Dibenz(a,h)anthracene	ND	U	0.11	0.017	1	11/18/08	11/21/08	JWG0804425	
Benzo(g,h,i)perylene	ND	U	0.11	0.019	1	11/18/08	11/21/08	JWG0804425	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	18	22-105	11/21/08	Outside Control Limits
p-Terphenyl-d14	45	25-127	11/21/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0805523
Project:	NAS JAX/11200132	**Date Collected:**	11/12/2008
Sample Matrix:	Water	**Date Received:**	11/12/2008

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	JAX25-MW03-111208	**Units:**	ug/L
Lab Code:	J0805523-004	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	**1.4**		0.11	0.027	1	11/18/08	11/21/08	JWG0804425	
2-Methylnaphthalene	**0.27**		0.11	0.021	1	11/18/08	11/21/08	JWG0804425	
1-Methylnaphthalene	**0.11**		0.11	0.019	1	11/18/08	11/21/08	JWG0804425	
Acenaphthylene	ND	U	0.11	0.033	1	11/18/08	11/21/08	JWG0804425	
Acenaphthene	**0.044**	I	0.11	0.017	1	11/18/08	11/21/08	JWG0804425	
Fluorene	ND	U	0.11	0.015	1	11/18/08	11/21/08	JWG0804425	
Phenanthrene	**0.033**	I	0.11	0.024	1	11/18/08	11/21/08	JWG0804425	
Anthracene	ND	U	0.11	0.012	1	11/18/08	11/21/08	JWG0804425	
Fluoranthene	ND	U	0.11	0.016	1	11/18/08	11/21/08	JWG0804425	
Pyrene	ND	U	0.11	0.014	1	11/18/08	11/21/08	JWG0804425	
Benz(a)anthracene	ND	U	0.11	0.012	1	11/18/08	11/21/08	JWG0804425	
Chrysene	ND	U	0.11	0.012	1	11/18/08	11/21/08	JWG0804425	
Benzo(b)fluoranthene	ND	U	0.11	0.015	1	11/18/08	11/21/08	JWG0804425	
Benzo(k)fluoranthene	ND	U	0.11	0.020	1	11/18/08	11/21/08	JWG0804425	
Benzo(a)pyrene	ND	U	0.11	0.013	1	11/18/08	11/21/08	JWG0804425	
Indeno(1,2,3-cd)pyrene	ND	U	0.11	0.017	1	11/18/08	11/21/08	JWG0804425	
Dibenz(a,h)anthracene	ND	U	0.11	0.017	1	11/18/08	11/21/08	JWG0804425	
Benzo(g,h,i)perylene	ND	U	0.11	0.019	1	11/18/08	11/21/08	JWG0804425	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	43	22-105	11/21/08	Acceptable
p-Terphenyl-d14	41	25-127	11/21/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0805523
Project:	NAS JAX/11200132	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0804425-4	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.10	0.026	1	11/18/08	11/20/08	JWG0804425	
2-Methylnaphthalene	ND	U	0.10	0.020	1	11/18/08	11/20/08	JWG0804425	
1-Methylnaphthalene	ND	U	0.10	0.018	1	11/18/08	11/20/08	JWG0804425	
Acenaphthylene	ND	U	0.10	0.032	1	11/18/08	11/20/08	JWG0804425	
Acenaphthene	ND	U	0.10	0.016	1	11/18/08	11/20/08	JWG0804425	
Fluorene	ND	U	0.10	0.014	1	11/18/08	11/20/08	JWG0804425	
Phenanthrene	ND	U	0.10	0.023	1	11/18/08	11/20/08	JWG0804425	
Anthracene	ND	U	0.10	0.011	1	11/18/08	11/20/08	JWG0804425	
Fluoranthene	ND	U	0.10	0.015	1	11/18/08	11/20/08	JWG0804425	
Pyrene	ND	U	0.10	0.013	1	11/18/08	11/20/08	JWG0804425	
Benz(a)anthracene	ND	U	0.10	0.011	1	11/18/08	11/20/08	JWG0804425	
Chrysene	ND	U	0.10	0.011	1	11/18/08	11/20/08	JWG0804425	
Benzo(b)fluoranthene	ND	U	0.10	0.014	1	11/18/08	11/20/08	JWG0804425	
Benzo(k)fluoranthene	ND	U	0.10	0.019	1	11/18/08	11/20/08	JWG0804425	
Benzo(a)pyrene	ND	U	0.10	0.012	1	11/18/08	11/20/08	JWG0804425	
Indeno(1,2,3-cd)pyrene	ND	U	0.10	0.016	1	11/18/08	11/20/08	JWG0804425	
Dibenz(a,h)anthracene	ND	U	0.10	0.016	1	11/18/08	11/20/08	JWG0804425	
Benzo(g,h,i)perylene	ND	U	0.10	0.018	1	11/18/08	11/20/08	JWG0804425	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	30	22-105	11/20/08	Acceptable
p-Terphenyl-d14	50	25-127	11/20/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0805523
Project:	NAS JAX/11200132	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS SIM

Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	JWG0804614-1	**Basis:**	NA
Extraction Method:	EPA 3510C	**Level:**	Low
Analysis Method:	8270C SIM		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Naphthalene	ND	U	0.10	0.026	1	11/25/08	11/30/08	JWG0804614	
2-Methylnaphthalene	ND	U	0.10	0.020	1	11/25/08	11/30/08	JWG0804614	
1-Methylnaphthalene	ND	U	0.10	0.018	1	11/25/08	11/30/08	JWG0804614	
Acenaphthylene	ND	U	0.10	0.032	1	11/25/08	11/30/08	JWG0804614	
Acenaphthene	ND	U	0.10	0.016	1	11/25/08	11/30/08	JWG0804614	
Fluorene	ND	U	0.10	0.014	1	11/25/08	11/30/08	JWG0804614	
Phenanthrene	ND	U	0.10	0.023	1	11/25/08	11/30/08	JWG0804614	
Anthracene	ND	U	0.10	0.011	1	11/25/08	11/30/08	JWG0804614	
Fluoranthene	ND	U	0.10	0.015	1	11/25/08	11/30/08	JWG0804614	
Pyrene	ND	U	0.10	0.013	1	11/25/08	11/30/08	JWG0804614	
Benz(a)anthracene	ND	U	0.10	0.011	1	11/25/08	11/30/08	JWG0804614	
Chrysene	ND	U	0.10	0.011	1	11/25/08	11/30/08	JWG0804614	
Benzo(b)fluoranthene	ND	U	0.10	0.014	1	11/25/08	11/30/08	JWG0804614	
Benzo(k)fluoranthene	ND	U	0.10	0.019	1	11/25/08	11/30/08	JWG0804614	
Benzo(a)pyrene	ND	U	0.10	0.012	1	11/25/08	11/30/08	JWG0804614	
Indeno(1,2,3-cd)pyrene	ND	U	0.10	0.016	1	11/25/08	11/30/08	JWG0804614	
Dibenz(a,h)anthracene	ND	U	0.10	0.016	1	11/25/08	11/30/08	JWG0804614	
Benzo(g,h,i)perylene	ND	U	0.10	0.018	1	11/25/08	11/30/08	JWG0804614	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
2-Fluorobiphenyl	60	22-105	11/30/08	Acceptable
p-Terphenyl-d14	57	25-127	11/30/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0805523
Project:	NAS JAX/11200132	**Date Collected:**	11/12/2008
Sample Matrix:	Water	**Date Received:**	11/12/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX25-TFMW11-111208	**Units:**	mg/L
Lab Code:	J0805523-001	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	**0.12**	I	0.41	0.062	1	11/18/08	11/26/08	JWG0804460	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
n-Nonatriacontane	64	43-81	11/26/08	Acceptable
o-Terphenyl	57	30-86	11/26/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0805523
Project:	NAS JAX/11200132	**Date Collected:**	11/12/2008
Sample Matrix:	Water	**Date Received:**	11/12/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX25-MW09-111208	**Units:**	mg/L
Lab Code:	J0805523-002	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	**0.71**		0.42	0.062	1	11/18/08	11/26/08	JWG0804460	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
n-Nonatriacontane	62	43-81	11/26/08	Acceptable
o-Terphenyl	66	30-86	11/26/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0805523
Project:	NAS JAX/11200132	**Date Collected:**	11/12/2008
Sample Matrix:	Water	**Date Received:**	11/12/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX25-MW16I-111208	**Units:**	mg/L
Lab Code:	J0805523-003	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	**0.10**	I	0.41	0.062	1	11/18/08	11/26/08	JWG0804460	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
n-Nonatriacontane	56	43-81	11/26/08	Acceptable
o-Terphenyl	55	30-86	11/26/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0805523
Project:	NAS JAX/11200132	**Date Collected:**	11/12/2008
Sample Matrix:	Water	**Date Received:**	11/12/2008

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	JAX25-MW03-111208	**Units:**	mg/L
Lab Code:	J0805523-004	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	**0.90**		0.42	0.062	1	11/18/08	11/26/08	JWG0804460	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
n-Nonatriacontane	59	43-81	11/26/08	Acceptable
o-Terphenyl	56	30-86	11/26/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Tetra Tech NUS, Inc.	**Service Request:**	J0805523
Project:	NAS JAX/11200132	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA

Total Petroleum Hydrocarbons (TPH) by GC-FID

Sample Name:	Method Blank	**Units:**	mg/L
Lab Code:	JWG0804460-4	**Basis:**	NA
Extraction Method:	METHOD	**Level:**	Low
Analysis Method:	FL-PRO		

Analyte Name	Result	Q	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
C8-C40 PRO	**0.076**	I	0.40	0.060	1	11/18/08	11/25/08	JWG0804460	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
n-Nonatriacontane	64	43-81	11/25/08	Acceptable
o-Terphenyl	48	30-86	11/25/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX25-TFMW11-111208

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 11200132 SAS No.: SDG NO.: J0805523

Matrix (soil/water): WATER Lab Sample ID: J0805523-001

Level (low/med): LOW Date Received: 11/12/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.2	U		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX25-MW09-111208

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 11200132 SAS No.: SDG NO.: J0805523

Matrix (soil/water): WATER Lab Sample ID: J0805523-002

Level (low/med): LOW Date Received: 11/12/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.3	i		MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX25-MW16I-111208

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 11200132 SAS No.: SDG NO.: J0805523

Matrix (soil/water): WATER Lab Sample ID: J0805523-003

Level (low/med): LOW Date Received: 11/12/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	1.6			MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

COLUMBIA ANALYTICAL SERVICES, INC

Total Metals

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

JAX25-MW03-111208

Client: Tetra Tech NUS, Inc.

Lab Code: CAS-JAX Project No.: 11200132 SAS No.: SDG NO.: J0805523

Matrix (soil/water): WATER Lab Sample ID: J0805523-004

Level (low/med): LOW Date Received: 11/12/2008

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	14			MS

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

APPENDIX G

FLORIDA UCL CALCULATIONS

Ethylbenzene

FDEP UCL Calculator Version 1.0 9/10/12

Note: Bounding estimates are worst case 95% UCLs based on the Chebyshev (mean, std) method.

Summary Statistics for	
Number of Samples	90
Number of Censored Data	80
Minimum	6
Maximum	3600
Mean	84.74989
Median	1.045
Standard Deviation	498.5954
Variance	
Coefficient of Variation	5.88314
Skewness	6.566349

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

95% Bounding Method UCL	
Bounding (Max)	313.8387
Bounding (1/2 DL)	310.9641

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
313.8387

Methylene Chloride

FDEP UCL Calculator Version 1.0 9/10/12

Note: Too few observations available to compute UCLs - Use Maximum.

Summary Statistics for	
Number of Samples	25
Number of Censored Data	24
Minimum	361
Maximum	361
Mean	38.8752
Median	13.1
Standard Deviation	88.34111
Variance	
Coefficient of Variation	2.272429
Skewness	3.338407

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
361

1-methylnapthalene

FDEP UCL Calculator Version 1.0 9/10/12

Note: Bounding estimates are worst case 95% UCLs based on the Chebyshev (mean, std) method.

Summary Statistics for	
Number of Samples	91
Number of Censored Data	74
Minimum	42.3
Maximum	66100
Mean	1558.205
Median	36
Standard Deviation	8180.534
Variance	
Coefficient of Variation	5.249971
Skewness	6.585637

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

95% Bounding Method UCL	
Bounding (Max)	5296.193
Bounding (1/2 DL)	5273.27

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
5296.193

2-methylnapthalene

FDEP UCL Calculator Version 1.0 9/10/12

Note: Bounding estimates are worst case 95% UCLs based on the Chebyshev (mean, std) method.

Summary Statistics for	
Number of Samples	91
Number of Censored Data	70
Minimum	40.2
Maximum	64700
Mean	1893.785
Median	36
Standard Deviation	9611.577
Variance	
Coefficient of Variation	5.075327
Skewness	5.579213

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

95% Bounding Method UCL	
Bounding (Max)	6285.669
Bounding (1/2 DL)	6274.98

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
6285.669

Acenapthene

FDEP UCL Calculator Version 1.0 9/10/12

Note: Bounding estimates are worst case 95% UCLs based on the Chebyshev (mean, std) method.

Summary Statistics for	
Number of Samples	91
Number of Censored Data	74
Minimum	76
Maximum	3600
Mean	168.3896
Median	37.5
Standard Deviation	480.0994
Variance	
Coefficient of Variation	2.851123
Skewness	4.979176

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

95% Bounding Method UCL	
Bounding (Max)	387.7647
Bounding (1/2 DL)	370.8855

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

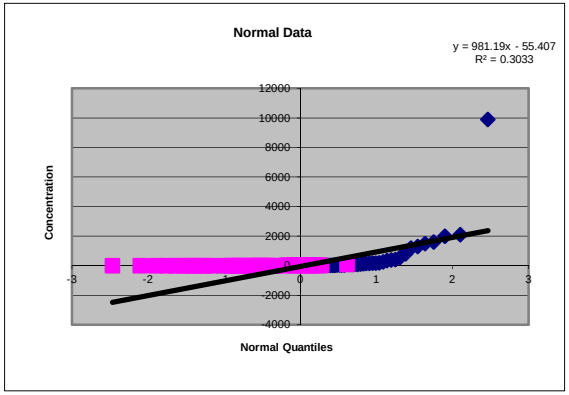
Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

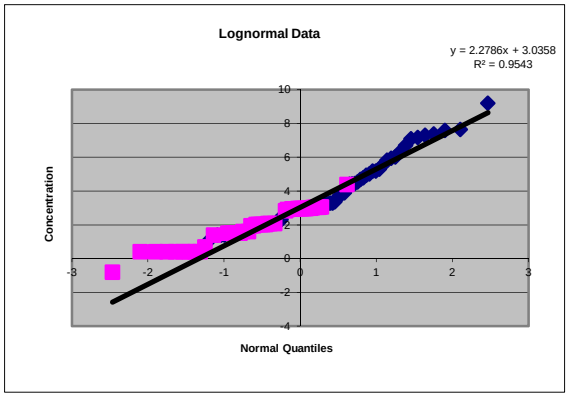
UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
387.7647

FDEP UCL Calculator Version 1.0

Goodness-of-fit test results





Shapiro-Francia Results (Adjust for Censoring)

SF for Normal Distribution	0.3033
SF for LogNormal Distribution	0.9543
Shapiro-Francia critical value for p<0.05	0.970638

Test stat > critical value indicates a reasonable fit

D'Agostino's Test Results for All Data (BDL replaced with 1/2 DL)

Fit to Normal Distribution	FALSE
Fit to LogNormal Distribution	TRUE

Based on the results of the Shapiro-Francia test
Distribution is best described as: Neither

Neither

BaP Equivalent

FDEP UCL Calculator Version 1.0 9/10/12

Summary Statistics for	
Number of Samples	91
Number of Censored Data	46
Minimum	0.45
Maximum	9900
Mean	271.95
Median	19.5
Standard Deviation	1102.145
Variance	1214723
Coefficient of Variation	4.052748
Skewness	7.712349

95% UCL (Assuming Normal Data)	
Student's-t	463.9666

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	561.8297
Modified-t	479.5346

95% Non-parametric UCL	
CLT	462.007
Jackknife	NA
Standard Bootstrap	433.2002
Bootstrap-t	764.7328
Chebyshev (Mean, Std)	775.5721

Summary Statistics for ln()	
Minimum	-0.79850775
Maximum	9.200289726
Mean	3.177069642
Standard Deviation	2.017946639
Variance	4.072108639

Goodness-of-Fit Results	
Distribution Recommended	Neither
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	183.6669314
MLE Standard Deviation	1394.908548
MLE Median	23.97639111
MLE Coefficient of Variation	7.594772436
MVUE Estimate of Mean	162.3938751
MVUE Estimate of Std. Dev.	770.2885011
MVUE Estimate of SE	70.44632057
MVUE Coefficient of Variation	4.743334689

UCL Assuming Lognormal Distribution	
95% H-UCL	375.7451782
95% Chebyshev (MVUE) UCL	469.4623413
99% Chebyshev (MVUE) UCL	863.3276978

FDEP Recommended UCL to Use:
775.5721

Naphthalene

FDEP UCL Calculator Version 1.0 9/10/12

Note: Bounding estimates are worst case 95% UCLs based on the Chebyshev (mean, std) method.

Summary Statistics for	
Number of Samples	91
Number of Censored Data	73
Minimum	40.2
Maximum	16000
Mean	317.9011
Median	34
Standard Deviation	1743.705
Variance	
Coefficient of Variation	5.485054
Skewness	8.370826

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

95% Bounding Method UCL	
Bounding (Max)	1114.664
Bounding (1/2 DL)	1080.34

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

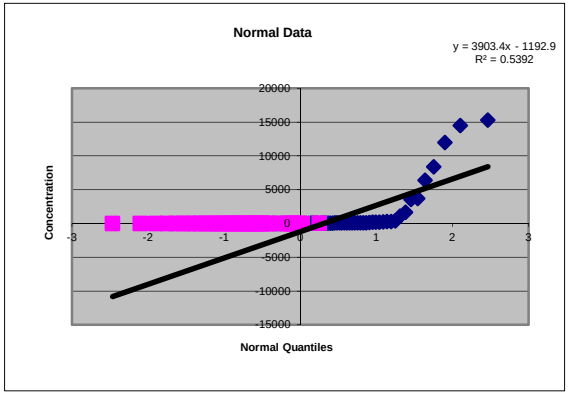
Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

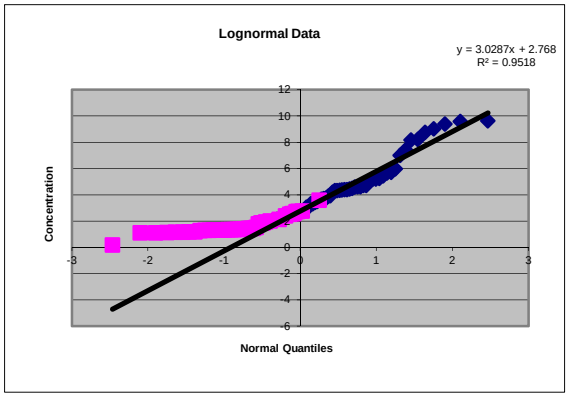
UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
1114.664

FDEP UCL Calculator Version 1.0

Goodness-of-fit test results





Shapiro-Francia Results (Adjust for Censoring)

SF for Normal Distribution	0.5392
SF for LogNormal Distribution	0.9518
Shapiro-Francia critical value for p<0.05	0.974564

Test stat > critical value indicates a reasonable fit

D'Agostino's Test Results for All Data (BDL replaced with 1/2 DL)

Fit to Normal Distribution	FALSE
Fit to LogNormal Distribution	FALSE

Based on the results of the Shapiro-Francia test
Distribution is best described as: Neither

Neither

TPH

FDEP UCL Calculator Version 1.0 9/10/12

Summary Statistics for	
Number of Samples	91
Number of Censored Data	40
Minimum	1.2
Maximum	15300
Mean	775.1414
Median	15.8
Standard Deviation	2740.945
Variance	7512777
Coefficient of Variation	3.536057
Skewness	4.248116

95% UCL (Assuming Normal Data)	
Student's-t	1252.671

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	1384.539
Modified-t	1273.997

95% Non-parametric UCL	
CLT	1247.798
Jackknife	NA
Standard Bootstrap	1183.323
Bootstrap-t	1518.787
Chebyshev (Mean, Std)	2027.609

Summary Statistics for ln()	
Minimum	0.182321593
Maximum	9.635607719
Mean	3.398342099
Standard Deviation	2.232293528
Variance	4.983134394

Goodness-of-Fit Results	
Distribution Recommended	Neither
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	361.3725049
MLE Standard Deviation	4350.466781
MLE Median	29.91446369
MLE Coefficient of Variation	12.03873212
MVUE Estimate of Mean	310.51474
MVUE Estimate of Std. Dev.	2062.492424
MVUE Estimate of SE	146.8819347
MVUE Coefficient of Variation	6.642172363

UCL Assuming Lognormal Distribution	
95% H-UCL	849.9292603
95% Chebyshev (MVUE) UCL	950.7584229
99% Chebyshev (MVUE) UCL	1771.975342

FDEP Recommended UCL to Use:
2027.609

FDEP UCL Calculator Version 1.0 9/10/12

Note: Bounding estimates are worst case 95% UCLs based on the Chebyshev (mean, std) method.

Summary Statistics for	
Number of Samples	90
Number of Censored Data	80
Minimum	6
Maximum	3600
Mean	84.74989
Median	1.045
Standard Deviation	498.5954
Variance	
Coefficient of Variation	5.88314
Skewness	6.566349

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

95% Bounding Method UCL	
Bounding (Max)	313.8387
Bounding (1/2 DL)	310.9641

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

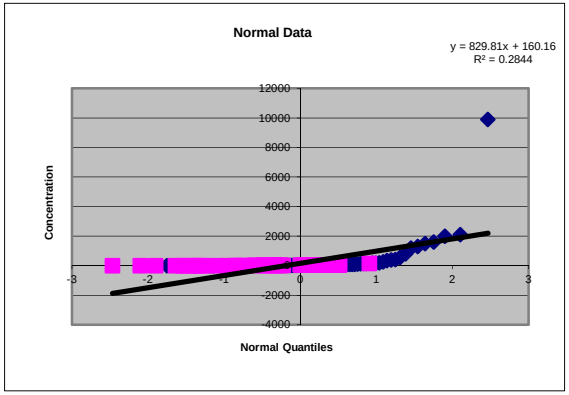
Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

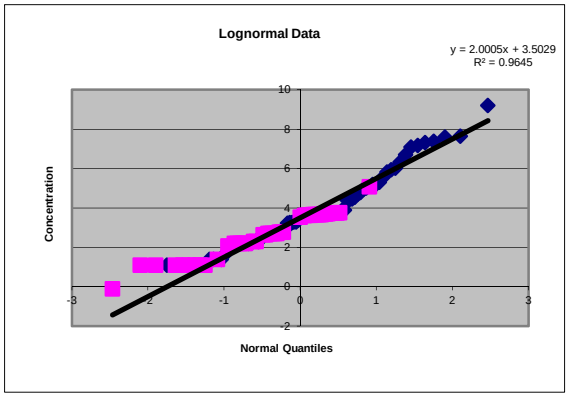
UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
313.8387

FDEP UCL Calculator Version 1.0

Goodness-of-fit test results





Shapiro-Francia Results (Adjust for Censoring)

SF for Normal Distribution	0.2844
SF for LogNormal Distribution	0.9645
Shapiro-Francia critical value for p<0.05	0.970638

Test stat > critical value indicates a reasonable fit

D'Agostino's Test Results for All Data (BDL replaced with 1/2 DL)

Fit to Normal Distribution	FALSE
Fit to LogNormal Distribution	TRUE

Based on the results of the Shapiro-Francia test
Distribution is best described as: Neither

Neither

FDEP UCL Calculator Version 1.0 9/10/12

Summary Statistics for	
Number of Samples	91
Number of Censored Data	46
Minimum	0.9
Maximum	9900
Mean	277.9
Median	34
Standard Deviation	1100.852
Variance	1211875
Coefficient of Variation	3.961323
Skewness	7.723752

95% UCL (Assuming Normal Data)	
Student's-t	469.6913

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	567.5871
Modified-t	485.2641

95% Non-parametric UCL	
CLT	467.734
Jackknife	NA
Standard Bootstrap	409.9106
Bootstrap-t	767.121
Chebyshev (Mean, Std)	780.9313

Summary Statistics for ln()	
Minimum	-0.105360545
Maximum	9.200289726
Mean	3.52745174
Standard Deviation	1.826590039
Variance	3.336431171

Goodness-of-Fit Results	
Distribution Recommended	Neither
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	180.4885472
MLE Standard Deviation	939.9034796
MLE Median	34.03712158
MLE Coefficient of Variation	5.207551915
MVUE Estimate of Mean	164.9151154
MVUE Estimate of Std. Dev.	608.5148673
MVUE Estimate of SE	62.86985099
MVUE Coefficient of Variation	3.689867154

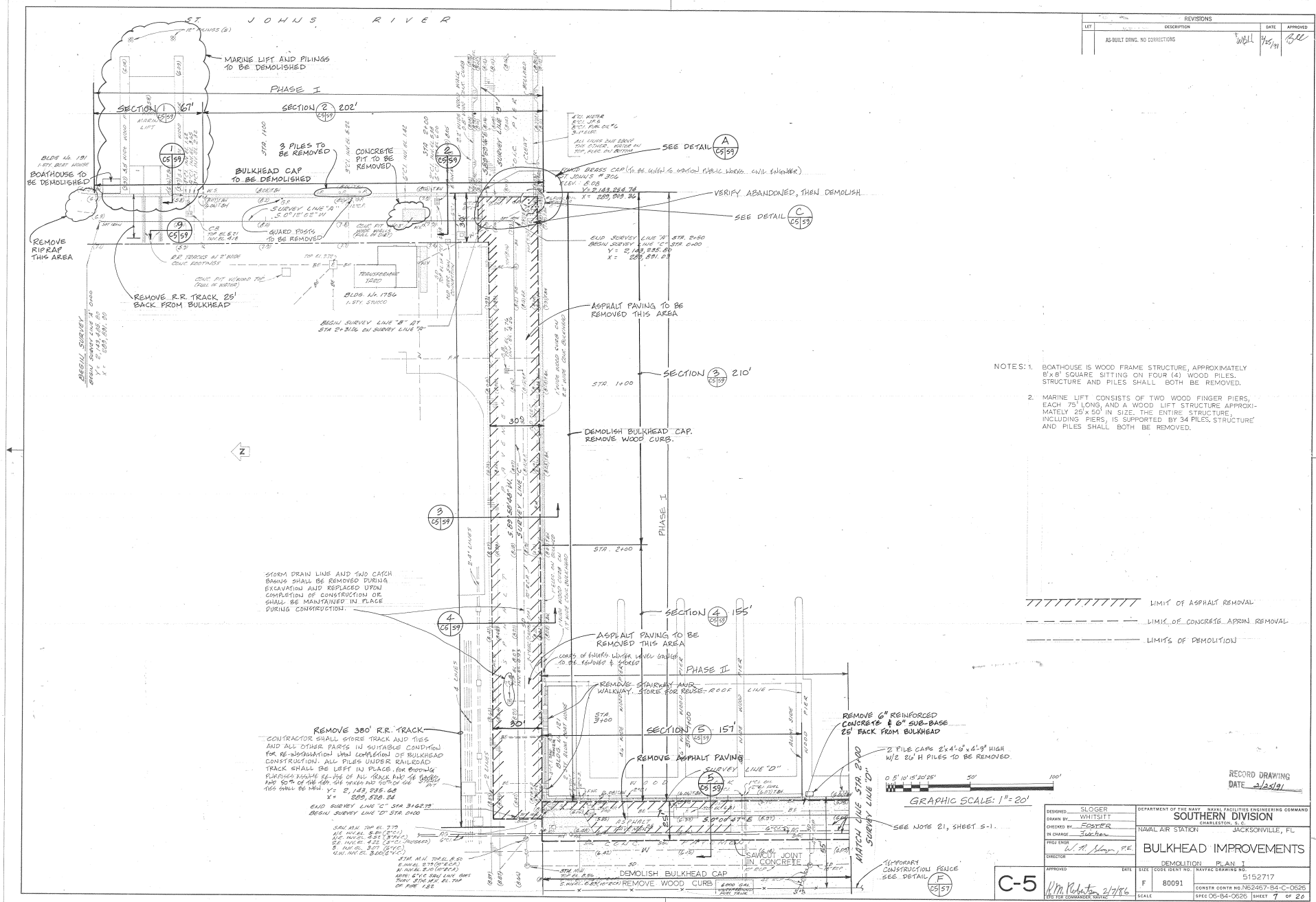
UCL Assuming Lognormal Distribution	
95% H-UCL	329.7854004
95% Chebyshev (MVUE) UCL	438.9584961
99% Chebyshev (MVUE) UCL	790.4638672

FDEP Recommended UCL to Use:
780.9313

APPENDIX H

BULKHEAD IMPROVEMENT DESIGNS

REVISIONS			
LET	DESCRIPTION	DATE	APPROVED
	AS-BUILT DWG. NO CORRECTIONS	9/25/91	BRC



NOTES:

1. BOATHOUSE IS WOOD FRAME STRUCTURE, APPROXIMATELY 8'x8' SQUARE SITTING ON FOUR (4) WOOD PILES. STRUCTURE AND PILES SHALL BOTH BE REMOVED.
2. MARINE LIFT CONSISTS OF TWO WOOD FINGER PIERS, EACH 75' LONG, AND A WOOD LIFT STRUCTURE APPROXIMATELY 25'x 50' IN SIZE. THE ENTIRE STRUCTURE, INCLUDING PIERS, IS SUPPORTED BY 34 PILES. STRUCTURE AND PILES SHALL BOTH BE REMOVED.

LIMIT OF ASPHALT REMOVAL
LIMIT OF CONCRETE APRON REMOVAL
LIMITS OF DEMOLITION

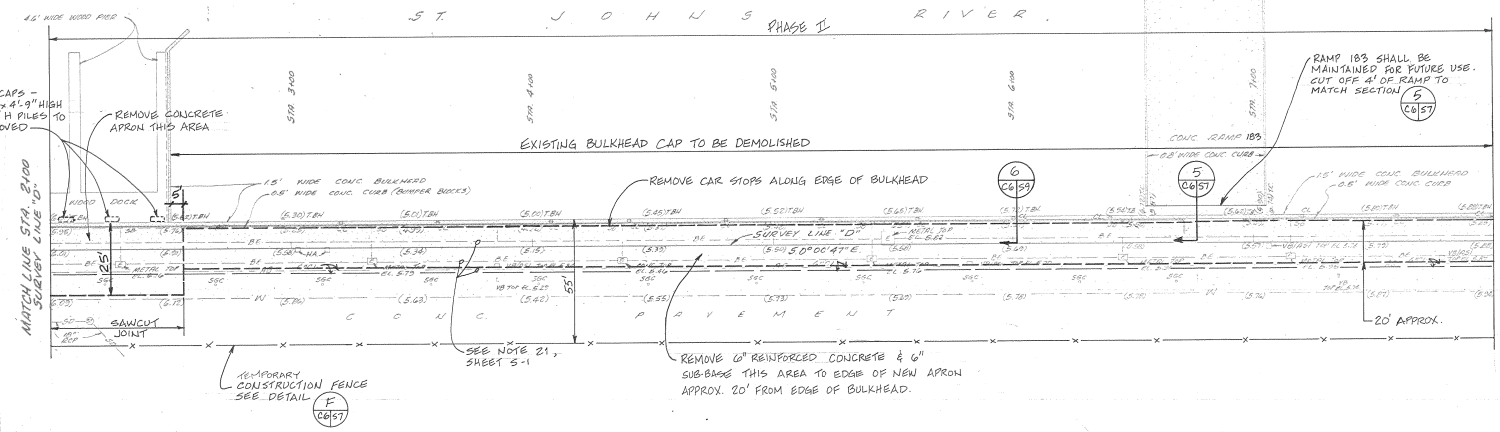
RECORD DRAWING
DATE 2/25/91

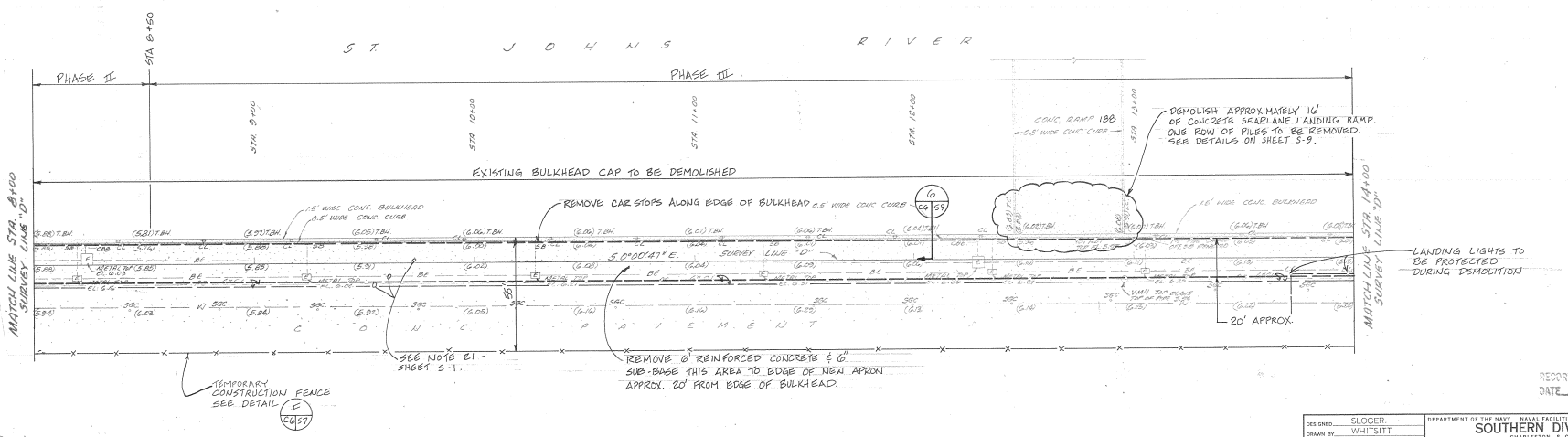
DESIGNED SLOGER	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND	
DRAWN BY WHITSITT	SOUTHERN DIVISION CHARLESTON, S.C.	
CHECKED BY FOSTER	NAVAL AIR STATION JACKSONVILLE, FL	
IN CHARGE Foster	BULKHEAD IMPROVEMENTS	
PROJ ENGR R. A. Kaye, P.E.	DEMOLITION PLAN 1	
DIRECTOR		
APPROVED H.M. Robertson 2/7/86 FOR COMMANDER, SOUTHDIV	SIZE F; CODE IDENT NO. 80091; NAVFAC DRAWING NO. 5152717	C-5
	SCALE; CONSTR CONTR NO. N62467-84-C-0626	
	SPEC 06-84-0626; SHEET 7 OF 26	

AS-BUILT

1-15-130

REVISIONS			
LET	DESCRIPTION	DATE	APPROVED
	AS-BUILT DRWG. NO CORRECTIONS	2/25/91	





RECORD DRAWING
DATE 2/25/91

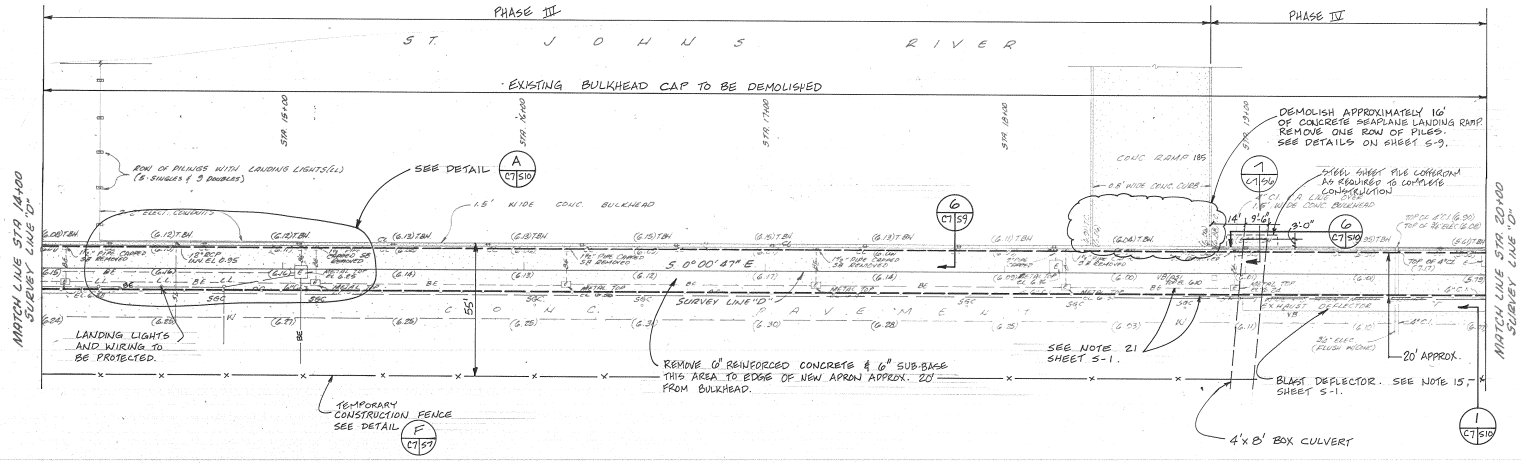
0 5' 10' 15' 20' 25' 50' 100'
GRAPHIC SCALE: 1" = 20'

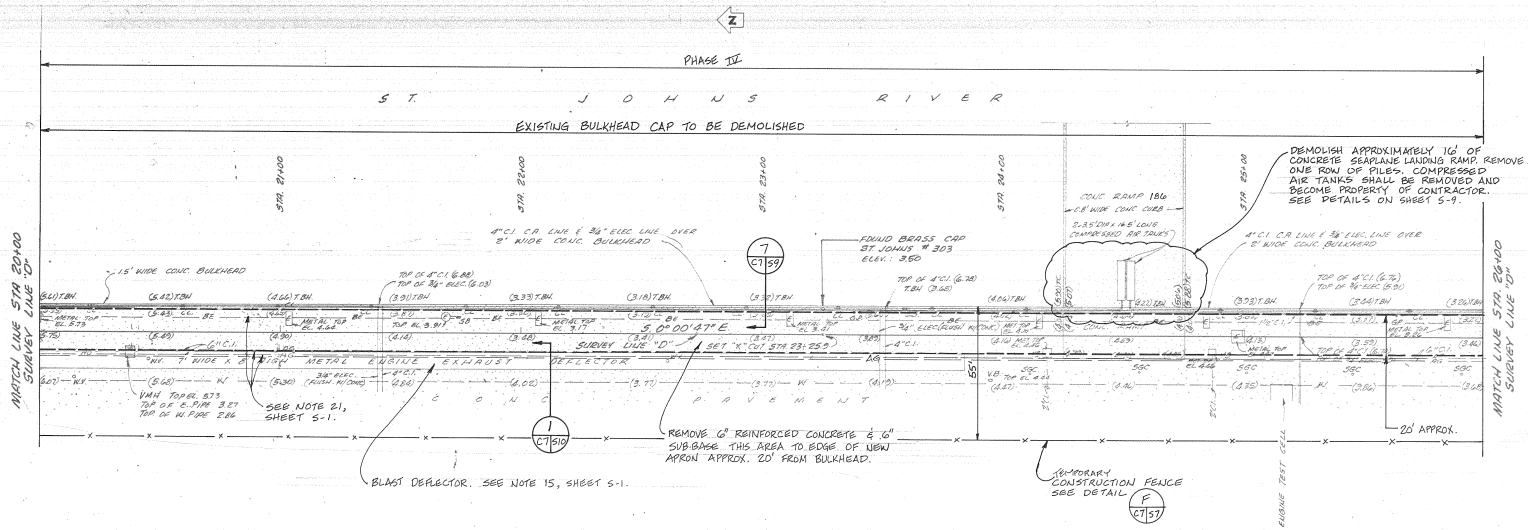
DESIGNED SLOGER	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND	
DRAWN BY WHITSITT	SOUTHERN DIVISION CHARLESTON, S. C.	
CHECKED BY FOSTER	NAVAL AIR STATION	JACKSONVILLE, FL
IN CHARGE Fischer	BULKHEAD IMPROVEMENTS	
PROJ ENGR W. A. Kluge, P.E.	DEMOLITION PLAN II	
DIRECTOR		
APPROVED K. M. Ritter 2/7/92 FOR COMMANDER, NAVFAC	SIZE F / CODE IDENT NO. 80091 / NAVFAC DRAWING NO. 5152718	
C-6	SCALE / CONSTR CONTR NO. N62467-84-C-0626	
	SPEC 06-84-0626 SHEET 8 OF 20	

AS-BUILT

1-15-191

REVISIONS			
LET	DESCRIPTION	DATE	APPROVED
	AS-BUILT DRWG. NO CORRECTIONS	2/25/91	





RECORD DRAWING
DATE 2/25/91

GRAPHIC SCALE: 1" = 20'

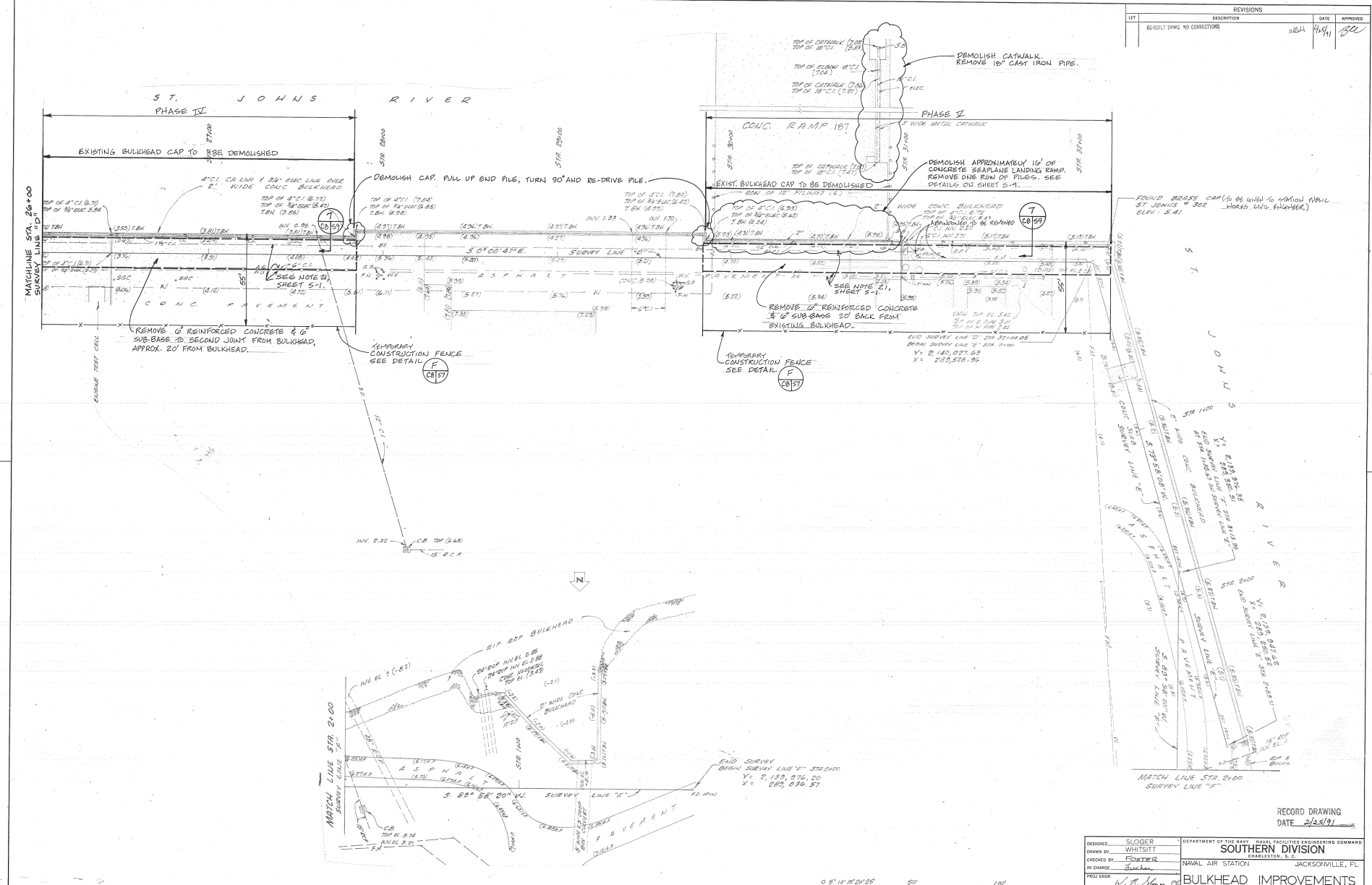
DESIGNED SLOGER	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND SOUTHERN DIVISION CHARLESTON, S. C.		
DRAWN BY WHITSITT			
CHECKED BY FOSTER	NAVAL AIR STATION JACKSONVILLE, FL		
IN CHARGE Sacher	BULKHEAD IMPROVEMENTS		
PROJ ENGR W. R. Sloger, P.E.	DEMOLITION PLAN III		
DIRECTOR			
APPROVED W. M. Robinson 2/7/86 DATE	SIZE F	CODE IDENT NO. 80091	NAVFAC DRAWING NO. 5152719
EFD FOR COMMANDER, NAVFAC	SCALE		CONSTR CONTR NO. N62467-84-C-0626
C-7			SPEC 06-84-0626 SHEET 9 OF 20

AS-BUILT

1-15-192

CAROLINA ESP P-300 RKD SOUTH DIV-9/8/15/5-15 S-N

REVISIONS			
LET	DESCRIPTION	DATE	APPROVED
	AS-BUILT DRWG. NO CORRECTIONS	4/18/91	BEC



RECORD DRAWING
DATE 2/25/91

DESIGNED SLOGER	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND SOUTHERN DIVISION CHARLESTON, S. C.		
DRAWN BY WHITSITT			
CHECKED BY FOSTER	NAVAL AIR STATION JACKSONVILLE, FL		
IN CHARGE	BULKHEAD IMPROVEMENTS		
PROJ ENGR W. A. Sloyer, PE	DEMOLITION PLAN IV		
DIRECTOR			
APPROVED H.M. Robertson 2/3/86 FOR COMMANDER, NAVFAC	DATE	SIZE F	CODE IDENT NO. 80091
		SCALE	

C-8

NAVFAC DRAWING NO. 5152720
CONSTR CONTR NO. N62467-84-C-0626
SPEC 06-84-0626 SHEET 10 OF 22

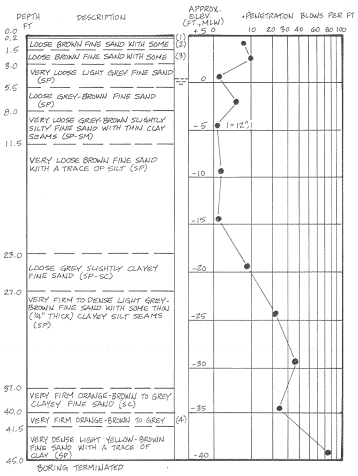
AS-BUILT

1-15-1993

CAROLINA E&P P-388 (HD SOUTH) (SV-WK-1181)-10-3-74

REVISIONS			
LET	DESCRIPTION	DATE	APPROVED
	AS-BUILT DRWG. NO CORRECTIONS WBH	2/25/91	BL

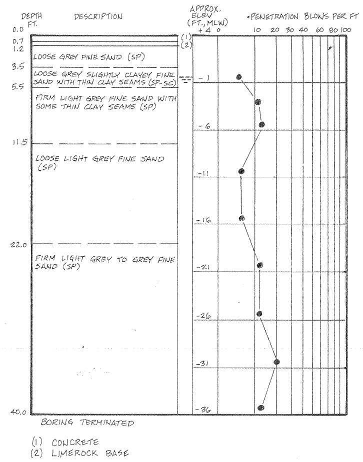
BORING B-1



BORING TERMINATED

(1) GRASS
(2) SMALL ROOTS & A TRACE OF SMALL SHELL FRAGMENTS (SP)
(3) SMALL CLAY LUMPS (SP)
(4) CLAYEY FINE SAND (SC)

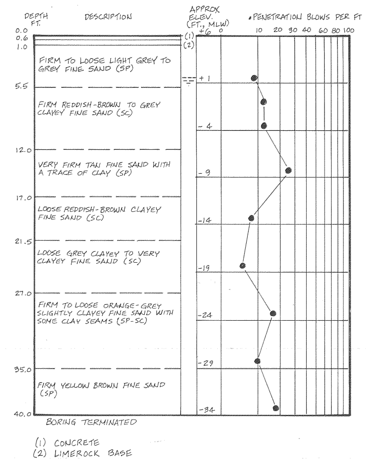
BORING B-2



BORING TERMINATED

(1) CONCRETE
(2) LIMEROCK BASE

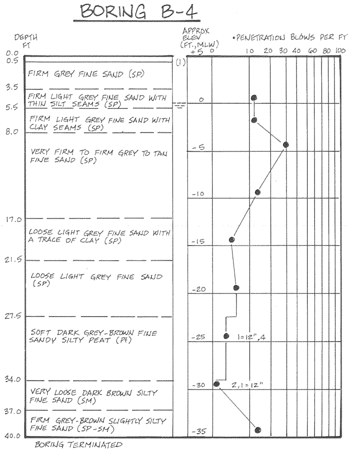
BORING B-3



BORING TERMINATED

(1) CONCRETE
(2) LIMEROCK BASE

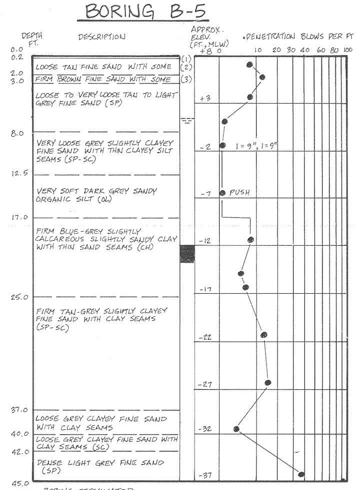
BORING B-4



BORING TERMINATED

(1) CONCRETE

BORING B-5



BORING TERMINATED

(1) GRASS
(2) SMALL ROOTS & SMALL LIMESTONE FRAGMENTS (SP)
(3) CLAY LUMPS (SP)

LEGEND

WATER TABLE, 24 HR.
UNDISTURBED SAMPLE

STRUCTURAL NOTES

1. JETTING OF PILES IS PERMITTED EXCEPT THAT THE FINAL TWO (2) FEET SHALL BE DRIVEN.
2. MATERIAL PROPERTIES:
   (A) REINFORCING STEEL - GRADE 60
   (B) PRESTRESSING STEEL - 270 KSI LOW RELAXATION
   (C) CONCRETE
   CAST-IN-PLACE 4000 PSI
   PRECAST 4000 PSI
   PRECAST PRESTRESSED 6000 PSI
   (D) TIE RODS - A36

   WELDING
   E60XX OR E70XX ELECTRODES (CARBON STEEL)
   316 L ELECTRODES (STAINLESS STEEL)
3. ALL CARBON STEEL PLATES, BOLTS, NUTS, WASHERS, AND TIE RODS, (INCLUDING THOSE ITEMS AT THE DEADMAN ANCHORAGE) SHALL RECEIVE A 16 MIL. THICKNESS COAL TAR EPOXY POLYAMIDE COATING CONFORMING TO SECTION 09877, EXCEPT IN AREAS TO BE PERMANENTLY ENCAPSULATED WITHIN CONCRETE OR WHERE NOTED OTHERWISE.
5. ALL REINFORCING STEEL SHALL HAVE A MINIMUM COVER OF 3" UNLESS NOTED OTHERWISE.
6. ALL REINFORCEMENT BAR BENDS AND HOOKS SHALL BE IN CONFORMANCE WITH ACI 315-80 UNLESS NOTED OTHERWISE.
7. UNLESS NOTED OTHERWISE, ALL REINFORCING SPLICES SHALL BE IN CONFORMANCE WITH ACI 318-83.
8. REINFORCING STEEL: ASTM A 615, GRADE 60, FUSION BONDED, EPOXY COATED AS PER ASTM D 3963. EPOXY COATING SHALL BE GREEN IN COLOR.
9. EXPANSION JOINT MATERIAL: WHERE CALLED FOR IN THE DRAWINGS, EXPANSION JOINT MATERIAL SHALL MEET REQUIREMENTS OF ASTM D 175 OR D 1752.
10. CONTRACTOR HAS THE OPTION TO USE PRECAST REINFORCED CONCRETE SHEET PILES AS INDICATED, OR TO PROVIDE:

    PRECAST PRESTRESSED CONCRETE SHEET PILING DESIGNED BY THE PRESTRESS MANUFACTURER USING THE DESIGN CRITERIA PROVIDED AND SUBJECT TO APPROVAL BY THE CONTRACTING OFFICER.
11. SHEET PILE KEY DIMENSIONS ARE NOMINAL DIMENSIONS. CONTRACTOR MAY USE A STANDARD KEY SIZE SUBJECT TO APPROVAL BY THE CONTRACTING OFFICER.
12. UTILITY LINES REMOVED FROM EXISTING BULKHEAD ARE TO BE RE-INSTALLED ONTO NEW BULKHEAD UPON COMPLETION OF CONSTRUCTION.
13. DESIGN CRITERIA (UNFACTORED WORKING LOADS):

	SHEAR (K/')	MOMENT ('-K/')
TYPE I	4.4	21.3
TYPE II	3.9	14.1
TYPE III	3.2	11.6

GENERAL NOTES

1. ALL ELEVATIONS REFER TO MEAN LOW WATER (M.L.W.).
2. THE ACCURACY OF EXISTING UNDERGROUND UTILITIES, BULKHEADS AND OTHER STRUCTURES SHOWN ON PLANS ARE NOT GUARANTEED. ACTUAL FIELD CONDITIONS SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO FABRICATION OF MATERIALS.
3. THE LOCATION AND ELEVATIONS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION AND ELEVATION IN THE FIELD. LOCATION OF NEW UTILITIES SHALL BE ADJUSTED IN AN APPROVED MANNER TO AVOID CONFLICTS. DAMAGES TO EXISTING UTILITIES RESULTING FROM THE CONTRACTOR'S OPERATION SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE GOVERNMENT. (AS PER SPECIFICATION)
4. UNLESS NOTED OTHERWISE, CONTRACTOR SHALL RESTORE DISTURBED AREAS TO ORIGINAL CONDITION TO MATCH ADJACENT GRADES AND SHALL REPLACE ANY DISTURBED GRASSED AREA IN KIND.
5. CUT PAVEMENT WITH NEAT, CLEAN, PARALLEL, STRAIGHT LINES.
6. SURPLUS MATERIAL SHALL BE REMOVED FROM GOVERNMENT PROPERTY BY THE CONTRACTOR UNLESS NOTED OTHERWISE.
7. ALL EXCAVATION, TRENCHING, SHEETING, SHORING, AND BRACING SHALL BE INSTALLED AS REQUIRED IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS INCLUDING, BUT NOT LIMITED, TO O.S.H.A.
8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE CONTRACTING OFFICER AND OBTAIN APPROVAL BEFORE OPEN CUTTING ANY ROADWAY. ALL CUT OR DAMAGED ROADWAY SURFACES SHALL BE REPLACED OR REPAIRED TO ORIGINAL CONDITION.
9. THE CONTRACTOR SHALL MAINTAIN TRAFFIC ALONG ALL ROADWAYS AND GATES AT ALL TIME AND PROVIDE NECESSARY TRAFFIC CONTROL SIGNS AND BARRICADES WHEN WORKING WITHIN ROADWAYS.
10. THE USE OF EXPLOSIVES OR BLASTING WILL NOT BE PERMITTED UNLESS STATED OTHERWISE IN THE SPECIFICATIONS.
11. ALL ITEMS INDICATED TO BE DEMOLISHED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM GOVERNMENT PROPERTY, UNLESS NOTED OTHERWISE.
12. SHOULD ACTUAL CONDITIONS DIFFER SUBSTANTIALLY FROM THOSE SHOWN, THE CONTRACT PRICE WILL BE ADJUSTED IN ACCORDANCE WITH THE TERMS OF THE CONTRACT.
13. NO SALVAGE VALUE IS EXPRESSED OR IMPLIED BY THESE CONTRACT DOCUMENTS FOR THE ITEMS TO BE REMOVED OR DEMOLISHED.
14. ALL UNFORMED CONCRETE SURFACES SHALL BE GIVEN A WOOD FLOAT FINISH UNLESS SPECIFIED OTHERWISE.
15. BLAST DEFLECTOR TO BE REMOVED AND STORED IN A LOCATION DESIGNATED BY CONTRACTING OFFICER DURING EXECUTION OF PROJECT. REPLACE IN ORIGINAL LOCATION UPON COMPLETION OF CONSTRUCTION.
16. TOP OF BULKHEAD TO SLOPE UNIFORMLY BETWEEN ELEVATIONS NOTED ON BULKHEAD PLANS S-2 THROUGH S-5.
17. NEW CONDUITS FOR LANDING DIRECTION LIGHTS SHALL BE RUN ON OUTSIDE FACE OF NEW BULKHEAD AND BACK TO ELECTRICAL MANHOLE SIMILAR TO DETAIL A ON SHEET S-10.
18. ELECTRICAL HANDHOLES SHALL BE REPLACED WITH NEW HANDHOLE DETAILED ON SHEET S-10 WHERE REQUIRED.
19. CONCRETE APRON DEMOLISHED DURING CONSTRUCTION SHALL BE REPLACED WITH REINFORCED CONCRETE APRON AS DETAILED ON SHEET S-8.
20. WHERE ASPHALT PAVING MUST BE REMOVED FOR CONSTRUCTION, EITHER OF THE VEHICULAR PAVEMENT OPTIONS SHOWN ON SHEET S-8 MAY BE USED TO REPAVE THE AREA.
21. THESE UTILITY LINES HAVE BEEN ABANDONED. REMOVE DURING EXCAVATION. ELECTRICAL HANDHOLES TO BE REMOVED ALSO.
22. EXCAVATION LIMITS SHOWN ON DRAWINGS C-5 THROUGH C-8 ARE APPROXIMATE AND MAY VARY DEPENDING ON SHORING METHODS USED. PROVIDE EXCAVATION PROTECTION AT LOCATIONS SHOWN. PROTECT ALL STRUCTURES NOT TO BE REMOVED.
23. THE WORK WITHIN THIS PROJECT SHALL BE BROKEN DOWN INTO FIVE PHASES (SEE DRAWINGS C-5 THROUGH C-8 AND S-2 THROUGH S-5). ALL WORK WITHIN EACH PHASE SHALL BE COMPLETED PRIOR TO PROCEEDING TO THE NEXT PHASE. THE SEQUENCE OF WORK SHALL BE PHASE I, PHASE II. UPON COMPLETION OF PHASE II THE CONTRACTOR WILL BE INSTRUCTED BY THE CONTRACTING OFFICER (WHO SHALL CONSULT WITH THE AIR OPERATIONS DEPARTMENT) TO PROCEED EITHER TO PHASE III (FOLLOWED BY IV AND V) OR TO PHASE V (FOLLOWED BY IV AND III).
24. THE CONSTRUCTION FENCE SHOWN ON DRAWINGS C-5 THROUGH C-8 AND S-2 THROUGH S-5 SHALL BE ERECTED ONLY FOR THE PHASE CURRENTLY UNDER CONSTRUCTION.
25. FOR BIDDING PURPOSES ASSUME 1000 CY OF UNSUITABLE MATERIAL WILL HAVE TO BE REMOVED AND REPLACE WITH SUITABLE MATERIAL.
26. UPON COMPLETION OF CONSTRUCTION, ANY HELICOPTER LANDING OR PARKING MARKINGS DAMAGED DURING CONSTRUCTION SHALL BE REPAINTED AS SHOWN IN THE DETAILS ON SHEET S-8.
27. REINFORCED CONCRETE PIPE SHALL CONFORM TO ASTM C76-80, CLASS III. JOINTS FOR PIPE SHALL BE BELL AND SPIGOT WITH RUBBER GASKETS, TONGUE AND GROOVE WITH RUBBER GASKETS, OR TONGUE AND GROOVE WITH PREFORMED PLASTIC GASKETS.
28. A LAYDOWN/STORAGE AREA WILL BE PROVIDED BY THE GOVERNMENT IN A LOCATION TO BE INDICATED BY THE CONTRACTING OFFICER.
29. EXISTING PAVEMENT THAT IS TO BE REMOVED SHALL BE STRIPPED WITHIN ONLY THE INDIVIDUAL CONSTRUCTION PHASE OF THE WORK THAT IS NEXT TO BE PURSUED, AND THE RESULTING DEBRIS SHALL BE HAULED FROM THE STATION. EXCAVATED EARTH MAY BE STOCKPILED AT THE WORK SITE BUT IN ANY REGARD SHALL BE SELECTIVELY STOCKPILED TO SEPARATE HIGH BEARING STABILIZED SOIL AND LIMEROCK MATERIAL FROM LOW BEARING SOIL. EXISTING LIMEROCK BASE MATERIAL THAT IS REMOVED MAY NOT BE REUSED AS REPLACEMENT BASE MATERIAL BUT SHALL BE USED IN THE UPPER LIMITS OF BACKFILL AS THE SPECIFIED HIGH BEARING SUBGRADE MATERIAL. ANY SURPLUS OR UNSUITABLE EXCAVATION SHALL BE LOADED INTO TRUCKS AND HAULED FROM THE STATION.

GENERAL NOTES CONTINUED ON SHEET S-6

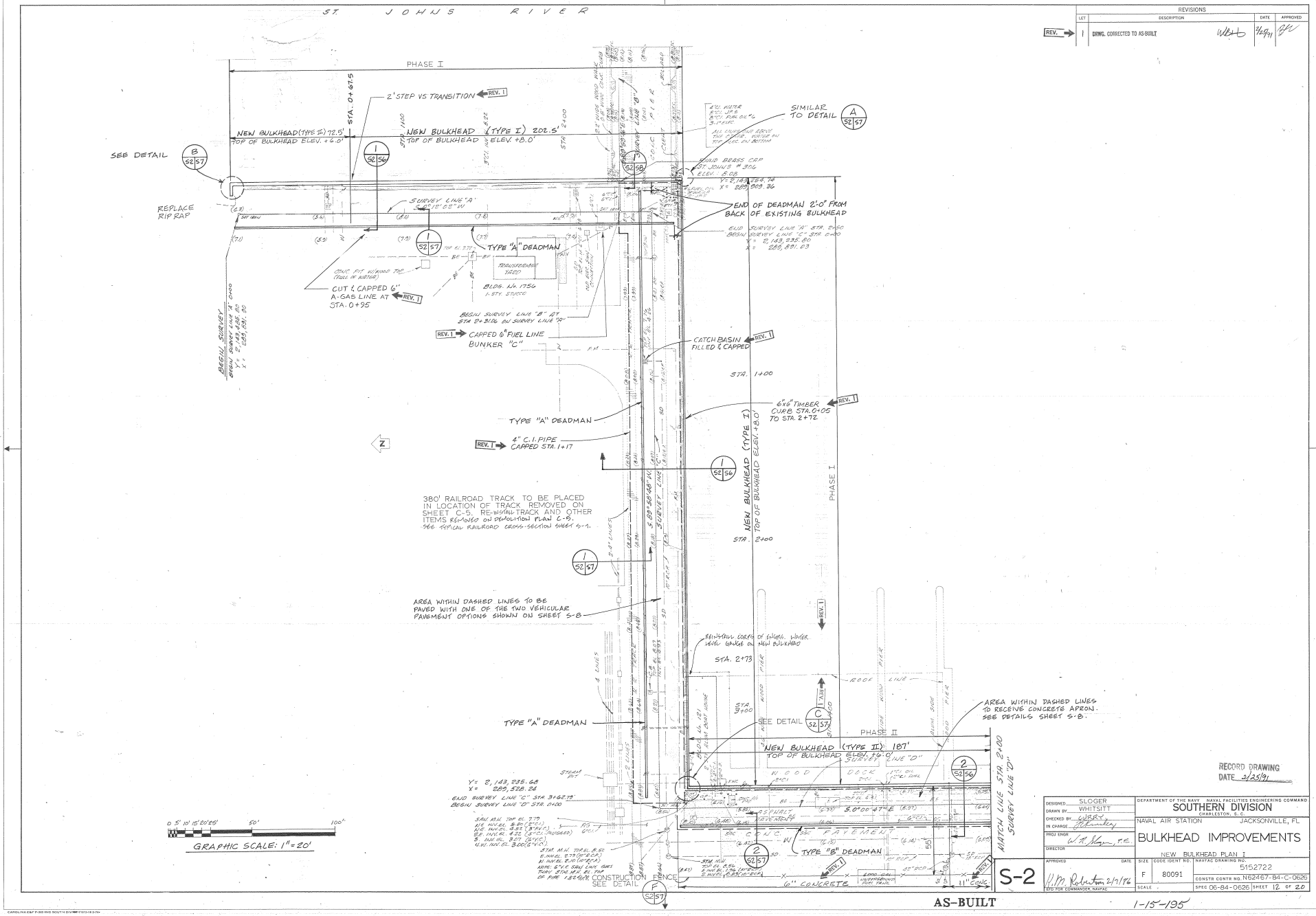
RECORD DRAWING
DATE 2/25/91

DESIGNED SLOGER	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND SOUTHERN DIVISION CHARLESTON, S. C.
DRAWN BY WHITSITT	NAVAL AIR STATION JACKSONVILLE, FL
CHECKED BY CURRY	BULKHEAD IMPROVEMENTS
IN CHARGE [signature]	SOIL BORINGS
PROJ ENGR W. R. Sloger, P.E.	
DIRECTOR	
APPROVED K.M. Robertson DATE 2/7/86 EFD FOR COMMANDER, NAVFAC	SIZE F · CODE IDENT NO. 80091 · NAVFAC DRAWING NO. 5152721 · CONSTR CONTR NO. N62467-84-C-0626
S-1	SCALE · SPEC 06-84-0626 · SHEET 11 OF 20

AS-BUILT

1-15-194

REVISIONS			
LET	DESCRIPTION	DATE	APPROVED
1	DRWG. CORRECTED TO AS-BUILT	2/25/91	



RECORD DRAWING
DATE 2/25/91

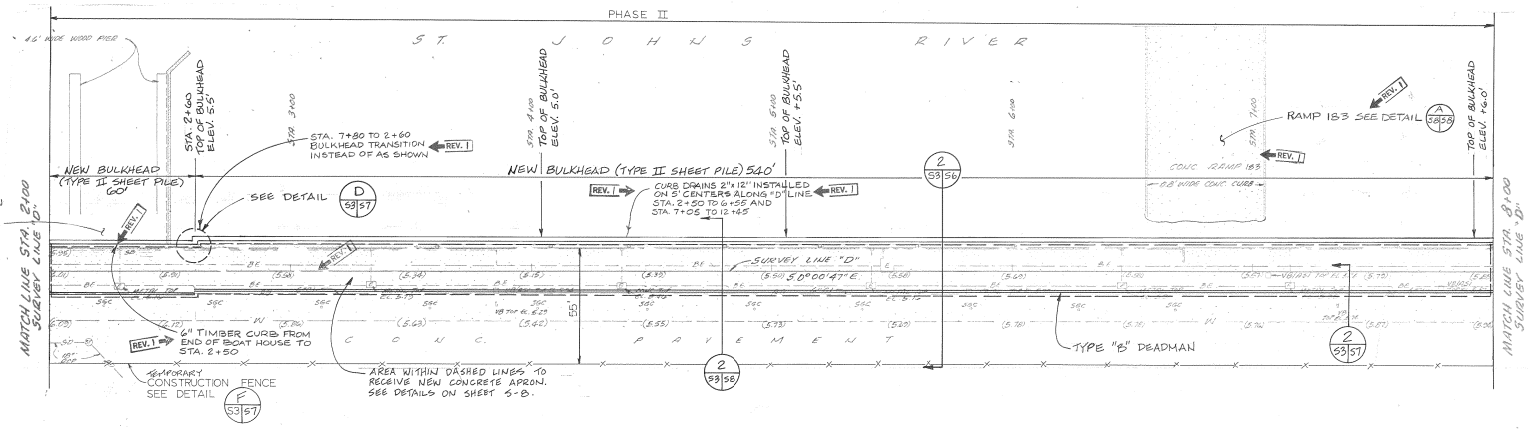
DESIGNED SLOGER	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND		
DRAWN BY WHITSITT	SOUTHERN DIVISION CHARLESTON, S.C.		
CHECKED BY WRRY	NAVAL AIR STATION JACKSONVILLE, FL		
IN CHARGE	BULKHEAD IMPROVEMENTS		
PROJ ENGR	NEW BULKHEAD PLAN I		
DIRECTOR			
APPROVED / DATE	SIZE F	CODE IDENT NO. 80091	NAVFAC DRAWING NO. 5152722
H.M. Robertson 2/7/86	SCALE		CONSTR CONTR NO. N62467-84-C-0626
FOR COMMANDER, NAVFAC			SPEC 06-84-0626 SHEET 12 OF 20

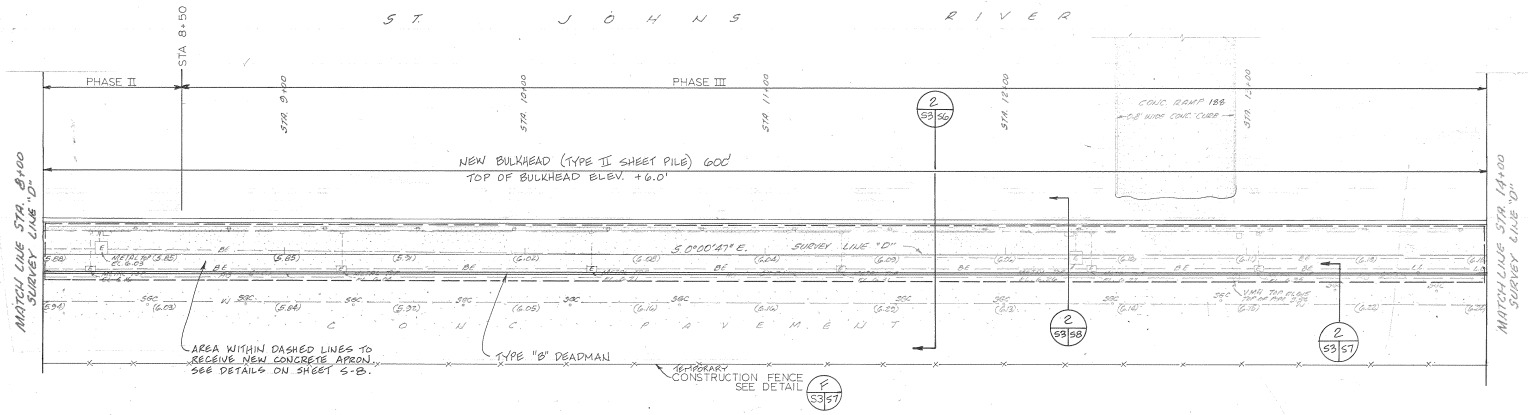
S-2

AS-BUILT

1-15-195

REVISIONS			
LET	DESCRIPTION	DATE	APPROVED
1	DRWG. CORRECTED TO AS-BUILT	2/25/91	





RECORD DRAWING
DATE 2/25/91

0 5' 10' 15' 20' 25' 50' 100'
GRAPHIC SCALE: 1"=20'

DESIGNED SLOGER	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND	
DRAWN BY WHITSITT	SOUTHERN DIVISION CHARLESTON, S. C.	
CHECKED BY CURRY	NAVAL AIR STATION	JACKSONVILLE, FL
IN CHARGE	BULKHEAD IMPROVEMENTS	
PROJ ENGR C. R. Nagy, P.E.	NEW BULKHEAD PLAN II	
DIRECTOR		
APPROVED H. M. Robertson 2/7/86 DATE	SIZE F / CODE IDENT NO. 80091	NAVFAC DRAWING NO. 5152723
CFD FOR COMMANDER, NAVFAC	SCALE	CONSTR CONTR NO. N62467-84-C-0626
		SPEC 05-84-0626 SHEET 13 OF 20

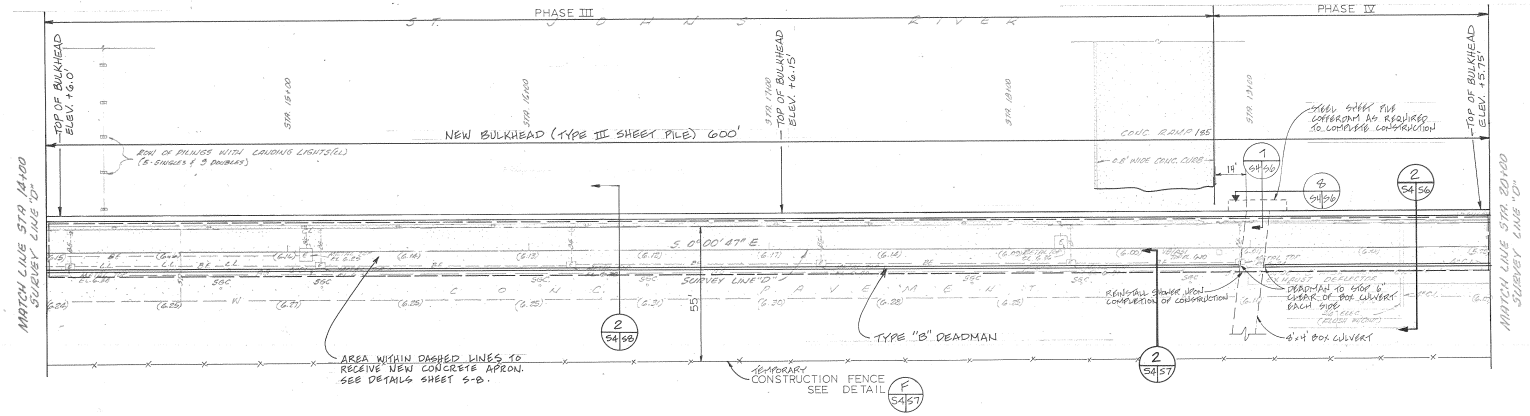
S-3

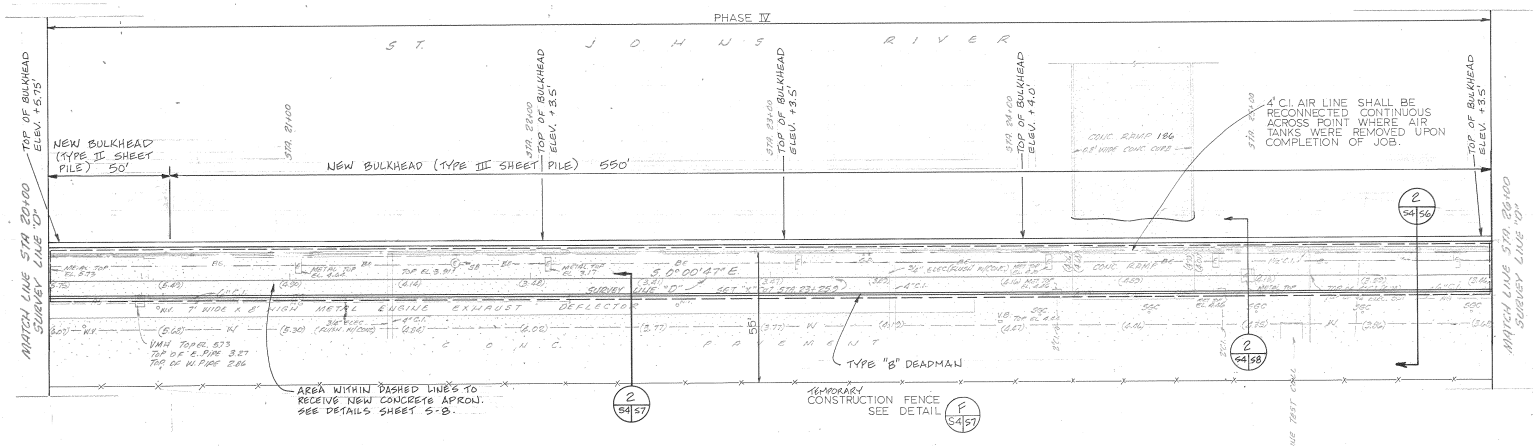
AS-BUILT

1-15-196

CAROLINA E&F P-383 END SOUTH DIV

REVISIONS			
LET	DESCRIPTION	DATE	APPROVED
	AS-BUILT DRWG. NO CORRECTIONS	2/25/91	





RECORD DRAWING
DATE 2/25/91

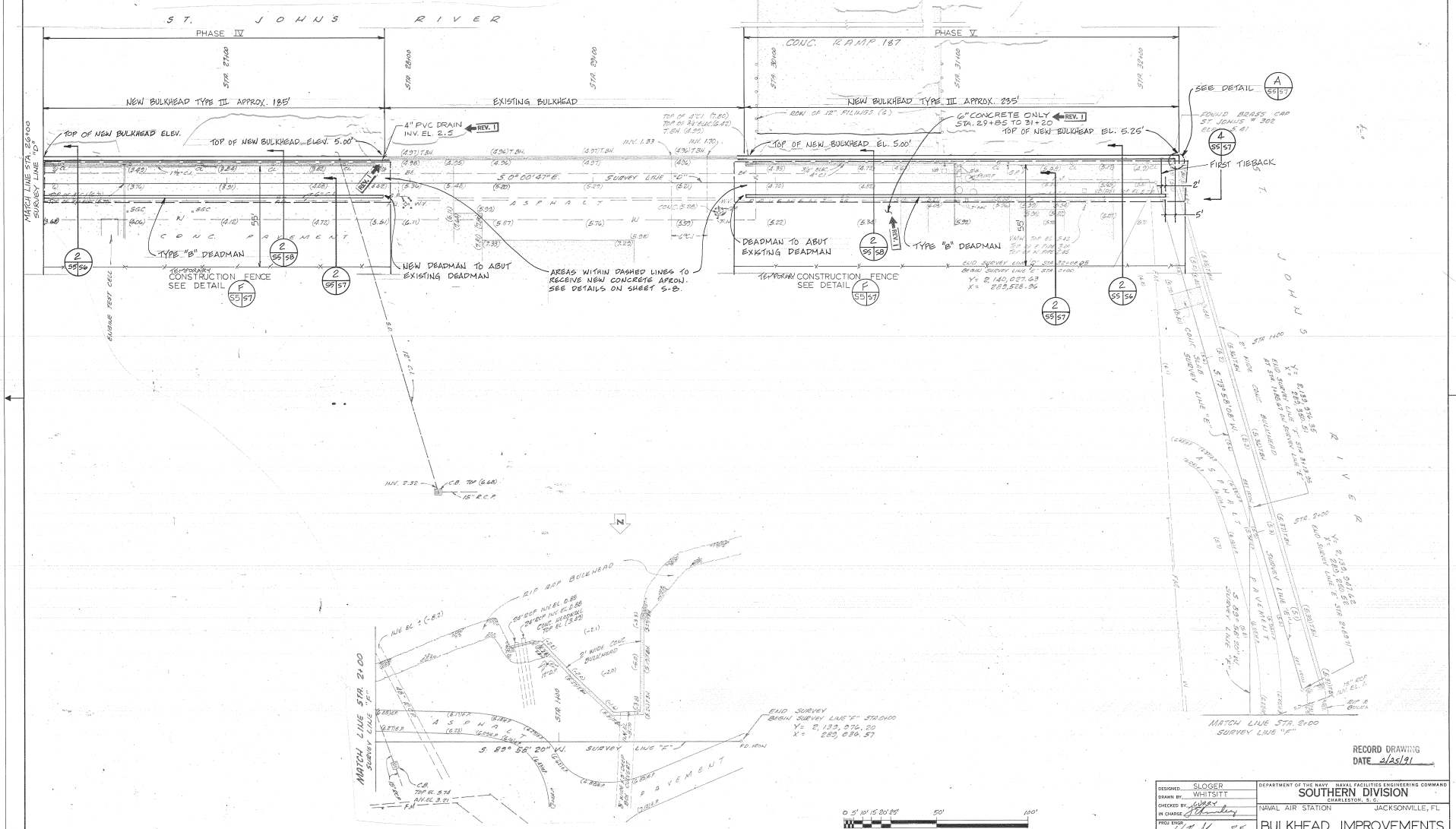
GRAPHIC SCALE: 1"=20'

DESIGNED SLOGER	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND	
DRAWN BY WHITSITT	SOUTHERN DIVISION CHARLESTON, S.C.	
CHECKED BY CURRY	NAVAL AIR STATION JACKSONVILLE, FL	
IN CHARGE	BULKHEAD IMPROVEMENTS	
PROJ ENGR	NEW BULKHEAD PLAN III	
DIRECTOR		
APPROVED / DATE	SIZE F / CODE IDENT NO. 80091 / NAVFAC DRAWING NO. 5152724	
S-4	CONSTR CONTR NO. N62467-84-C-0626	
FOR COMMANDER, NAVFAC	SCALE / SPEC 06-84-0626 / SHEET 14 OF 20	

AS-BUILT

1-15-197

REVISIONS			
LET	DESCRIPTION	DATE	APPROVED
1	DWG. CORRECTED TO AS-BUILT	8/5/91	



RECORD DRAWING
DATE 8/25/91

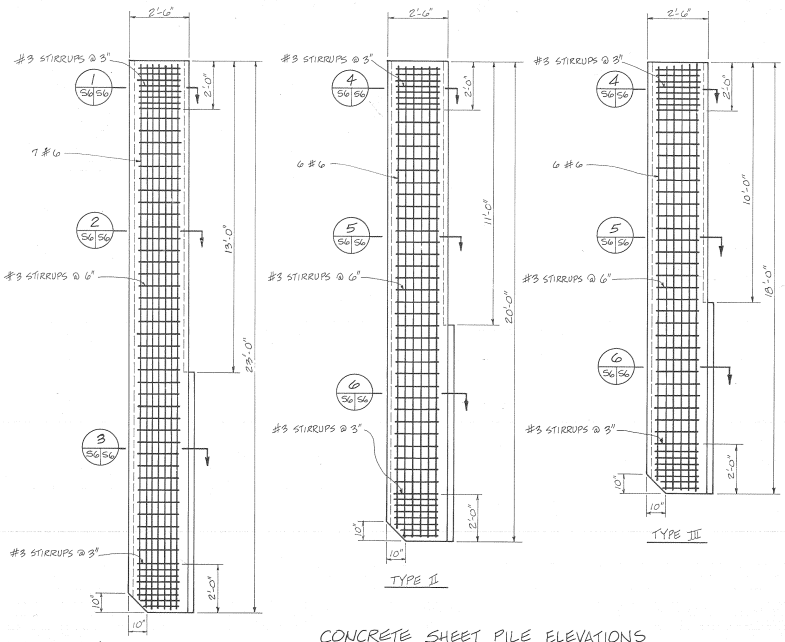
DESIGNED SLOGER	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND	
DRAWN BY WHITSITT	SOUTHERN DIVISION CHARLESTON, S.C.	
CHECKED BY	NAVAL AIR STATION	JACKSONVILLE, FL
IN CHARGE	BULKHEAD IMPROVEMENTS	
PROJ ENGR	NEW BULKHEAD PLAN IV	
DIRECTOR		
APPROVED / DATE / EFD FOR COMMANDER, NAVFAC	SIZE F / CODE IDENT NO. 80091 / NAVFAC DRAWING NO. 5152725	
	CONSTR CONTR NO. N62467-84-C-0626	
	SCALE / SPEC 06-84-0626 / SHEET 15 OF 20	

S-5

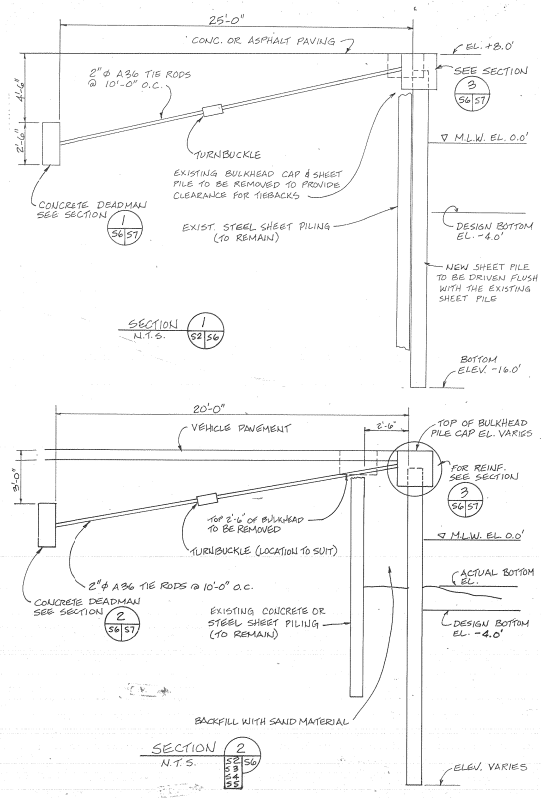
AS-BUILT

1-15-108

REVISIONS			
LET	DESCRIPTION	DATE	APPROVED
	AS-BUILT DRWG. NO CORRECTIONS	9/29/91	



CONCRETE SHEET PILE ELEVATIONS
SCALE: 1/2" = 1'-0"



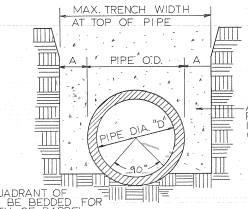
GENERAL NOTES (CONT.)

30. AFTER REMOVAL OF APRON OR PAVING, THE CONTRACTOR SHALL CAREFULLY REMOVE THE UPPER THREE FEET OF EARTH BELOW THE BOTTOM OF THE BASE BY EXCAVATING WITH HAND IMPLEMENTS OR OTHER APPROVED METHODS, FOR THE PURPOSE OF EXPOSING ALL KNOWN AND UNKNOWN BURIED DRAINLINES, UTILITIES, CABLES, AND OTHER BELOW GROUND FACILITIES. EXTEND THE DEPTH OF EXCAVATION WHERE NECESSARY. BELOW GROUND FACILITIES SHALL BE PROTECTED AS SPECIFIED. ALL UTILITIES NOT IDENTIFIED AS ABANDONED AND TO BE REMOVED SHALL REMAIN IN PLACE. THE LOCATION, SIZE, MATERIAL, AND ELEVATIONS (NOT DEPTHS) OF EACH BELOW GROUND FACILITY SHALL BE RECORDED ON RECORD DRAWINGS. THOSE BELOW GROUND FACILITIES THAT HAVE BEEN PREVIOUSLY ABANDONED, BUT NOT IDENTIFIED AS ABANDONED, WILL AT THIS TIME BE IDENTIFIED BY THE CONTRACTING OFFICER AND THE CONTRACTOR WILL REMOVE SAME WITHIN THE LIMITS OF THE WORK BY CUTTING AND PLUGGING THE EXPOSED ENDS. THOSE BELOW GROUND FACILITIES THAT WILL CONFLICT WITH THE PROPOSED BULKHEAD AND DEADMAN SHALL BE IDENTIFIED BY THE CONTRACTOR, AND THE CONTRACTING OFFICER SHALL BE SO NOTIFIED. SAID CONFLICTING BELOW GROUND FACILITIES SHALL BE ADJUSTED AND/OR RELOCATED BY THE CONTRACTOR. COST OF ADJUSTING UTILITIES SHOWN ON PLANS TO BE ADJUSTED SHALL BE INCLUDED IN THE CONTRACT BID PRICE.

31. GROUND AVGAS (AVIATION GASOLINE) PIPELINES AND APPURTENANCES HAVE BEEN ABANDONED BELOW THE AIRFIELD PAVEMENT. ALL AVGAS PIPELINES AND APPURTENANCES ENCOUNTERED WITHIN THE EXCAVATION LIMITS SHALL BE REMOVED BY THE CONTRACTOR AND THE RESULTING ENDS OF THE PIPELINES PLUGGED AT THE LIMITS OF CONSTRUCTION. THE CONTRACTOR CAN ANTICIPATE THE PRESENCE OF AVGAS WITHIN THESE PIPELINES AND APPURTENANCES. ADEQUATE MEASURES SHALL BE TAKEN BY THE CONTRACTOR TO CAPTURE AND PROPERLY DISPOSE OF ANY AVGAS THAT FLOWS FROM WITHIN THE SEVERED AVGAS FACILITIES. NO AVGAS SHALL BE PERMITTED TO FLOW INTO THE EXCAVATION OR THE RIVER AND NO SAFETY HAZARD SHALL BE ALLOWED TO DEVELOP.

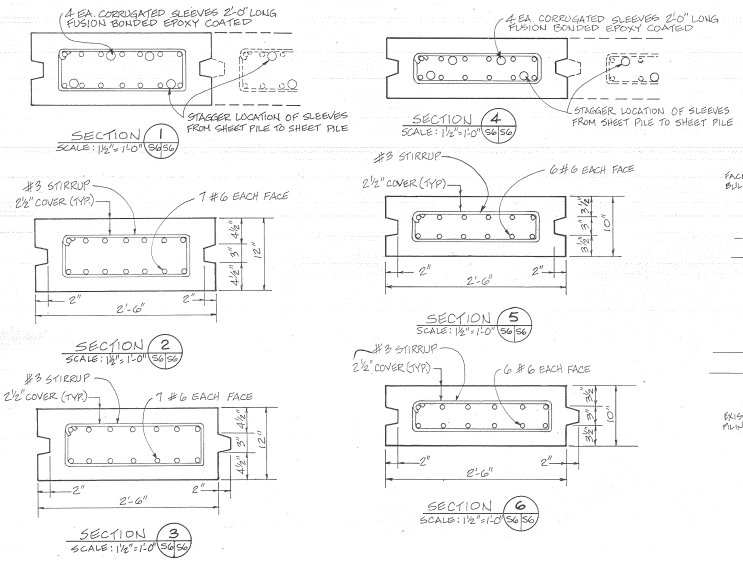
32. PROVIDE FLAP GATES ON SEAWALL AT PIPE OUTFALLS. LOCATE PIPES TO PENETRATE SEAWALL IN MIDSECTION OF SHEET PILE PANELS. SEE SHEET S-7 FOR GATE DETAILS.

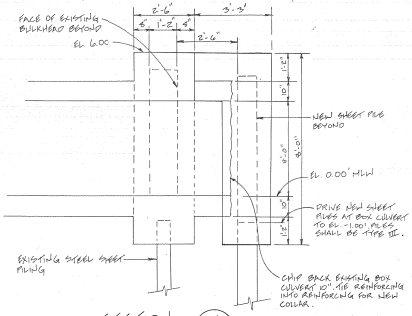
PIPE DIA "D"	MAXIMUM "A"
6" TO 15"	8"
18" TO 21"	10"
24" TO 30"	12"
33" TO 42"	15"
48" & LARGER	18"

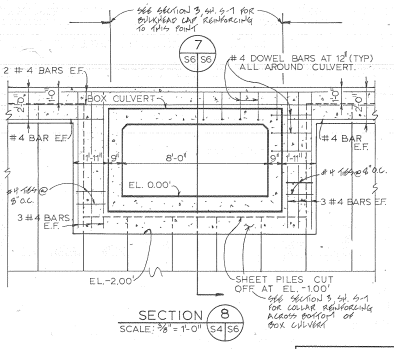


BOTTOM QUADRANT OF PIPE SHALL BE BEDDED FOR FULL LENGTH OF BARREL (EXCEPT PRESSURE PIPE)

PIPE TRENCH BEDDING IN EARTH
NO SCALE







GRAPHIC SCALES
1/2" = 1'-0" 1' 0' 1' 2' 3' 4' 5' 6' 7' 8'
1½" = 1'-0" 1' 9" 6" 3" 0' 1' 2'

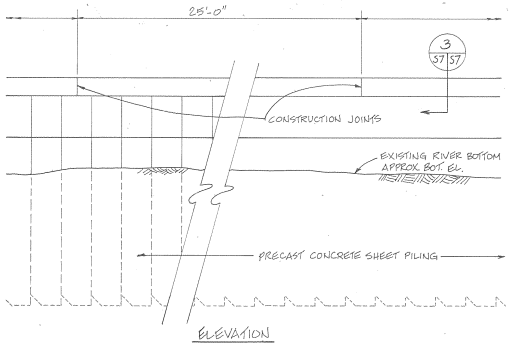
RECORD DRAWING
DATE 2/25/91

DESIGNED SLOGER	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND		
DRAWN BY WHITSITT	SOUTHERN DIVISION CHARLESTON, S. C.		
CHECKED BY CURRY	NAVAL AIR STATION JACKSONVILLE, FL		
IN CHARGE	BULKHEAD IMPROVEMENTS		
PROJ ENGR L. R. Moyer, P.E.	NEW SHEET PILE DETAILS		
DIRECTOR			
APPROVED H. M. Robertson 2/7/82 FOR COMMANDER, NAVFAC	S-6	SIZE F	CODE IDENT NO. 80091
	NAVFAC DRAWING NO. 5152726.		
	CONSTR CONTR NO. N62467-84-C-0626		
	SCALE	SPEC 06-84-0626	SHEET 16 OF 20

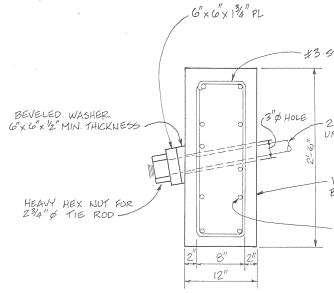
AS-BUILT

1-15-190

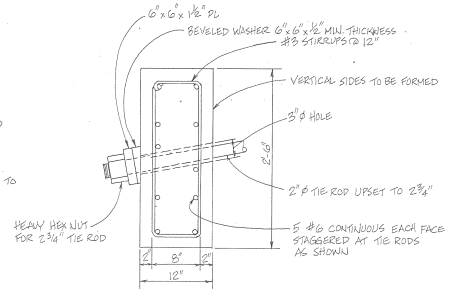
REVISIONS			
LET	DESCRIPTION	DATE	APPROVED
1	DRWG. CORRECTED TO AS-BUILT	9/23/91	



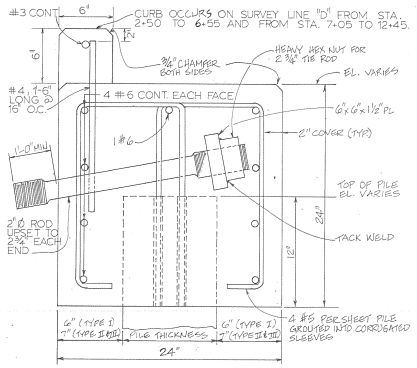
ELEVATION
SCALE: 3/16" = 1'-0"



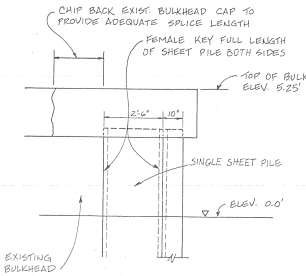
SECTION 1
SCALE: 1 1/2" = 1'-0"
TYPE "A" DEADMAN



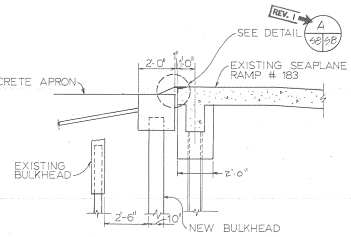
SECTION 2
SCALE: 1 1/2" = 1'-0"
TYPE "B" DEADMAN



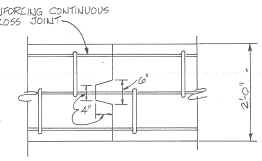
SECTION 3
N.T.S.



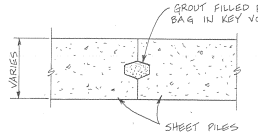
SECTION 4
SCALE: 1/2" = 1'-0"



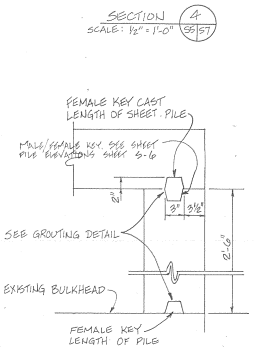
SECTION 5
SCALE: 3/8" = 1'-0"



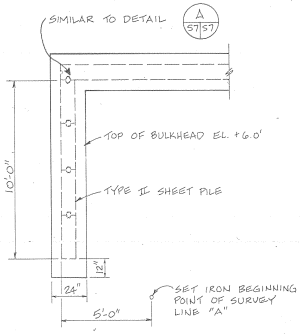
TYPICAL CONSTRUCTION JOINT - BULKHEAD CAP
SCALE: 1" = 1'-0"



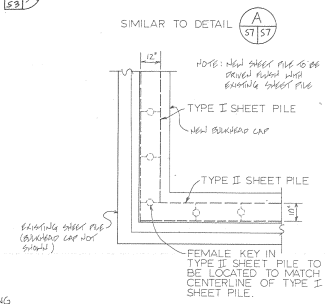
GROUTING DETAIL
SCALE: 1 1/2" = 1'-0"



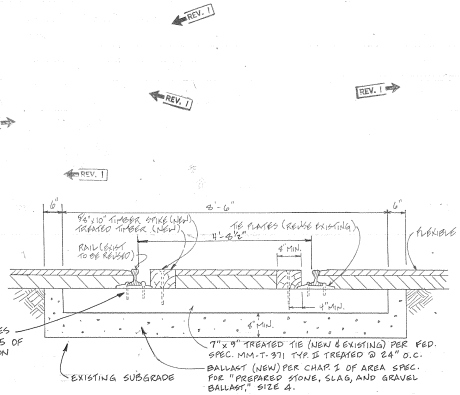
END SHEET PILE KEY DETAIL A
SCALE: 1 1/2" = 1'-0"



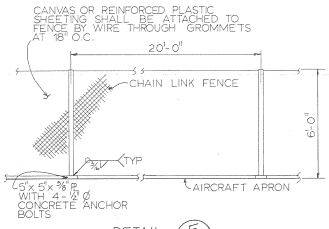
DETAIL B
SCALE: 3/8" = 1'-0"



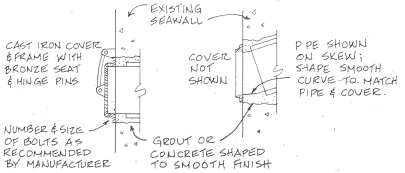
DETAIL C
SCALE: 3/8" = 1'-0"



TYPICAL RAILROAD CROSS-SECTION THRU FLEXIBLE PAVEMENT
SCALE: 3/4" = 1'-0"



DETAIL F
SCALE: 3/8" = 1'-0"



VERTICAL SECTION HORIZONTAL SECTION
TYPICAL FLAP GATE
NO SCALE

GRAPHIC SCALES

1/4" = 1'-0" 5' 0' 5' 10' 15'
3/16" = 1'-0" 1' 0' 2' 4' 6' 8' 10' 12'
1/2" = 1'-0" 1' 0' 1' 2' 3' 4' 5' 6' 7' 8' 9'
1" = 1'-0" 1' 6' 0' 1' 2' 3' 4'
1 1/2" = 1'-0" 1' 9" 6" 3" 0' 1' 2'

RECORD DRAWING
DATE 2/25/91

DESIGNED SLOGER	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND		
DRAWN BY WHITSITT	SOUTHERN DIVISION CHARLESTON, S.C.		
CHECKED BY LUBRY	NAVAL AIR STATION JACKSONVILLE, FL		
IN CHARGE Schulley	BULKHEAD IMPROVEMENTS		
PROJ ENGR. W. A. Nagy, P.E.	DETAILS – BULKHEAD DEADMEN		
DIRECTOR			
APPROVED K.M. Robertson 2/7/92 DATE	SIZE F	CODE IDENT NO. 80091	NAVFAC DRAWING NO. 5152727
TECH DIR COMMANDER, NAVFAC	SCALE	CONSTR CONTR NO. N62467-84-C-0626	SPEC 06-84-0626 SHEET 11 OF 20

S-7

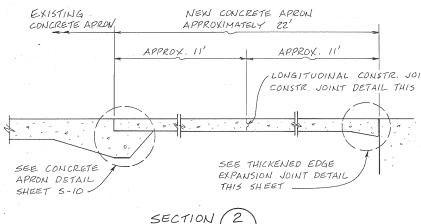
AS-BUILT

1-15-200

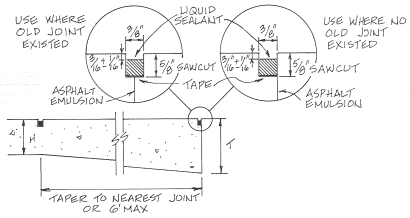
CAROLINA E&F PLMS AND SOUTH DIV. 84-1910-06 (1-15)

REVISIONS			
LET	DESCRIPTION	DATE	APPROVED
1	DRWG. CORRECTED TO AS-BUILT	8/29/91	

NOTE: TRANSVERSE CONTRACTION JOINT @ 15' TO BE ALIGNED WITH EXISTING JOINTS. SEE CONTRACTION JOINT DETAILS THIS SHEET.

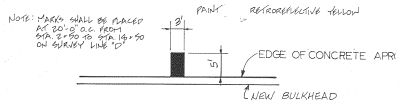


SECTION 2 (53 & 58 / 58)
SCALE: 1/2" = 1'-0"

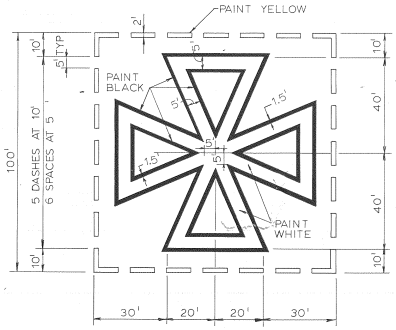


THICKENED EDGE JOINT (TE)
NO SCALE

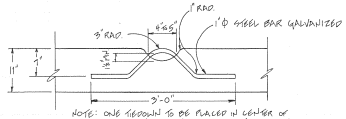
H	T
6"	9"
8"	11"
11"	15"



CONCRETE APRON SHOULDER MARKING DETAIL
SCALE: 1" = 10'

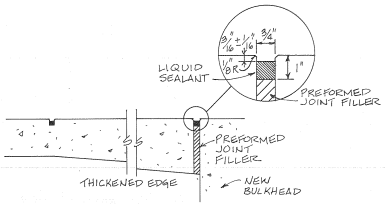


HELICOPTER LANDING AREA
SCALE: 1" = 20'
ANY PAINT DAMAGED IN ANY OF THE THREE LANDING AREAS DURING CONSTRUCTION SHALL BE REPAINTED AS SHOWN ABOVE. PAINT SHALL BE RETROREFLECTIVE.

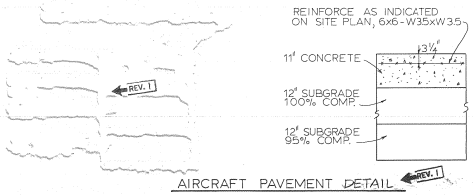


NOTE: ONE TIEDOWN TO BE PLACED IN CENTER OF EACH APRON SECTION (APPROX. 10'x15') SPECIFIED STA. 1+00 AND STA. 12+50 ON SURVEY LINE "D"

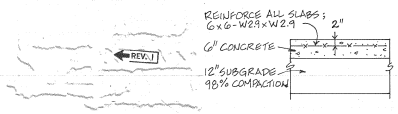
AIRCRAFT TIEDOWN (MOORING EYE) DETAIL
N.T.S.



THICKENED EDGE EXPANSION JOINT (TEX)
NO SCALE

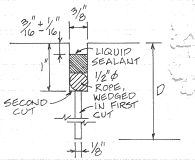


AIRCRAFT PAVEMENT DETAIL REV. 1

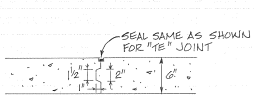


VEHICULAR PAVEMENT DETAIL REV. 1
NO SCALE

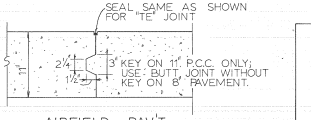
PAVEMENT DETAILS
NO SCALE



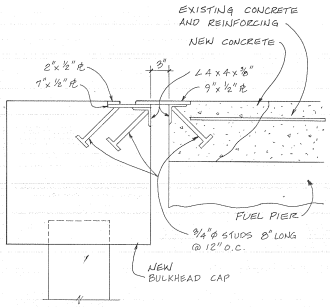
H	D
6"	1 1/2"
8"	2"
11"	2 3/4"



VEHICULAR PAVEMENT

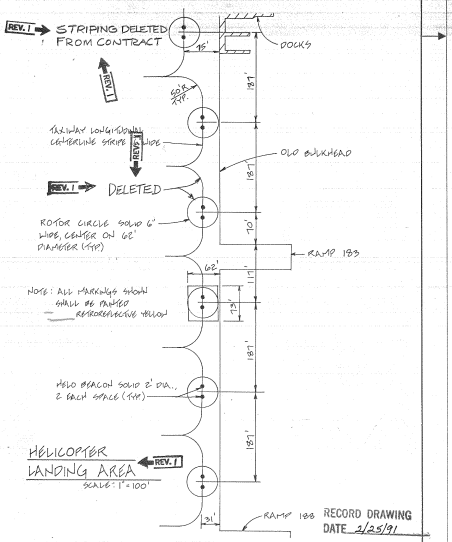


AIRFIELD PAV'T
N.T.S.



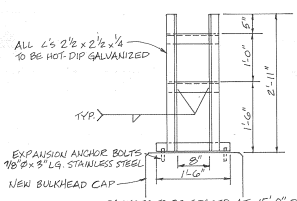
DETAIL A (58 / 58)
SCALE: 1 1/2" = 1'-0"

CONSTRUCTION JOINT DETAILS
NO SCALE



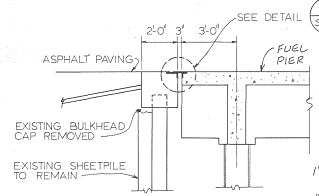
HELICOPTER LANDING AREA REV. 1
SCALE: 1" = 100'

RECORD DRAWING DATE 2/25/91



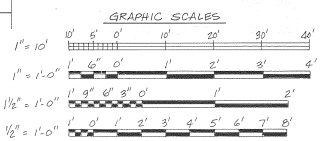
UTILITIES SUPPORT BRACKET DETAIL
SCALE: 1" = 1'-0"

CONTRACTION JOINT DETAIL REV. 1



SECTION 1 (52 / 58)
N.T.S.

GRAPHIC SCALES



DESIGNED SLOGER	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND SOUTHERN DIVISION CHARLESTON, S.C.		
DRAWN BY WHITSITT	NAVAL AIR STATION JACKSONVILLE, FL		
CHECKED BY GRAY	BULKHEAD IMPROVEMENTS		
IN CHARGE	DETAILS - NEW CONSTRUCTION		
PROJ ENGR W. T. Sloger, P.E.			
DIRECTOR			
APPROVED K.M. Robertson 2/7/86 DATE	SIZE F	CODE IDENT NO. 80091	NAVFAC DRAWING NO. 5152728
CEO FOR COMMANDER, NAVFAC	SCALE		CONSTR CONTR NO. N62467-84-C-0626
			SPEC 05-84-0626 SHEET 18 OF 20

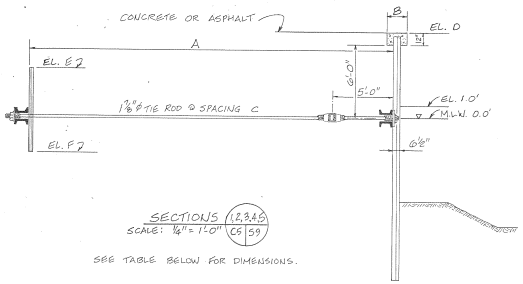
S-8

AS-BUILT

1-15-201

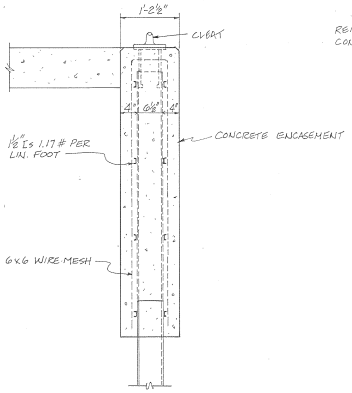
CAROLINA E&F P-389 (NO SOUTH DIV. 84-1092-26 (3-71))

REVISIONS			
LET	DESCRIPTION	DATE	APPROVED
	AS-BUILT DRWG. NO CORRECTIONS WBH	2/25/91	

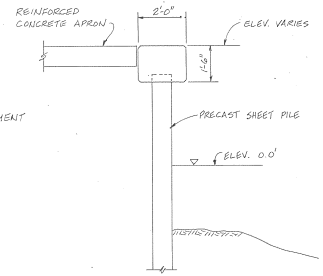


SECTIONS (1,2,3,&5) (C5|S9)
SCALE: 1/4" = 1'-0"

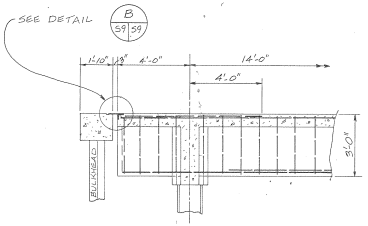
SEE TABLE BELOW FOR DIMENSIONS.



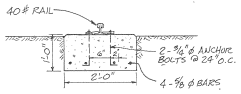
SECTION (6)
SCALE: 1" = 1'-0" (C6|S9)



SECTION (7)
SCALE: 1/2" = 1'-0" (C7|S9)

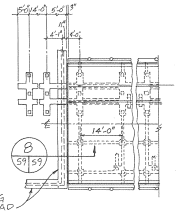


SECTION (8)
SCALE: 3/8" = 1'-0" (S9|S9)



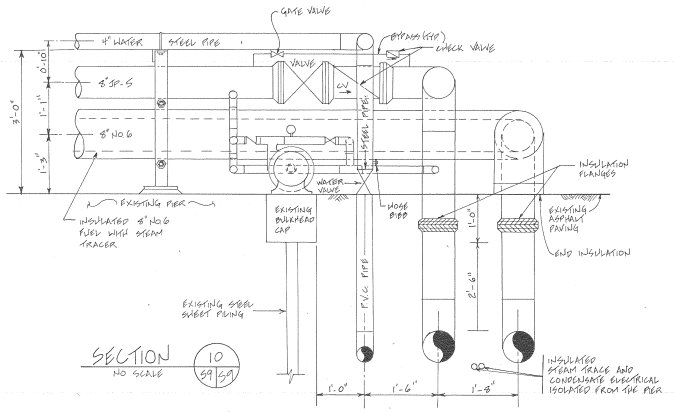
SECTION (9)
SCALE: 3/4" = 1'-0" (C5|S9)

	SECTION				
DIMENSION	1	2	3	4	5
A	26'-0"	40'-0"	40'-0"	30'-0"	30'-0"
B	1'-10"	2'-2"	2'-0"	1'-6"	1'-6"
C	10'-0"	8'-0"	8'-0"	9'-9¾"	9'-9¾"
D	6.0	8.0	8.0	8.0	6.0
E	4.0	5.5	5.5	5.0	4.0
F	-2.5	-2.5	-2.5	-2.0	-2.5

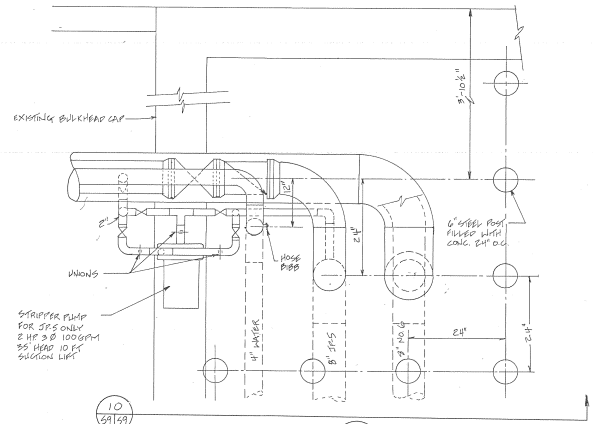


FUEL PIER PLAN
DECK DELETED FOR CLARITY.

DETAIL (A) (C5|S9)
N.T.S.

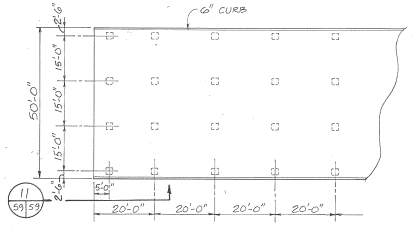


SECTION (10)
NO SCALE (S9|S9)



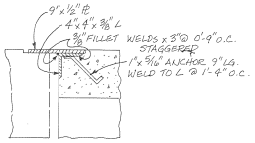
(10) (S9|S9)

DETAIL (C) (C5|S9)
NO SCALE



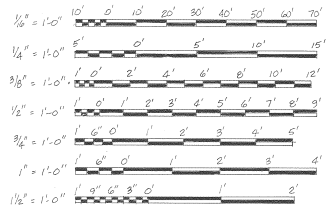
(11) (S9|S9)

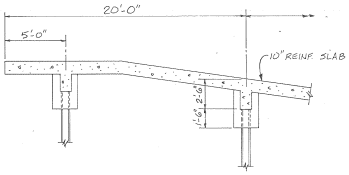
SEAPLANE RAMP - PLAN (TYP)
SCALE: 1/16" = 1'-0"



DETAIL (B)
SCALE: 1½" = 1'-0" (S9|S9)

GRAPHIC SCALES





SECTION (11)
SCALE: 1/4" = 1'-0" (S9|S9)

RECORD DRAWING
DATE 2/25/91

DESIGNED SLOGER	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND		
DRAWN BY WHITSITT	SOUTHERN DIVISION CHARLESTON, S.C.		
CHECKED BY CURRY	NAVAL AIR STATION JACKSONVILLE, FL		
IN CHARGE	BULKHEAD IMPROVEMENTS		
PROJ ENGR W. A. Sloger, P.E.			
DIRECTOR	SECTIONS - EXISTING		
APPROVED R.M. Robertson 2/7/84 DATE	SIZE F	CODE IDENT NO. 80091	NAVFAC DRAWING NO. 5152729
FOR COMMANDER, NAVFAC	SCALE	SPEC 06-84-0626	CONSTR CONTR NO. N62467-84-C-0626 SHEET 1 OF 20

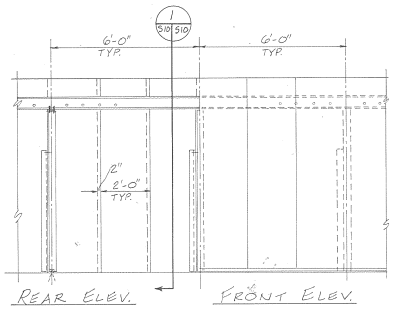
S-9

AS-BUILT

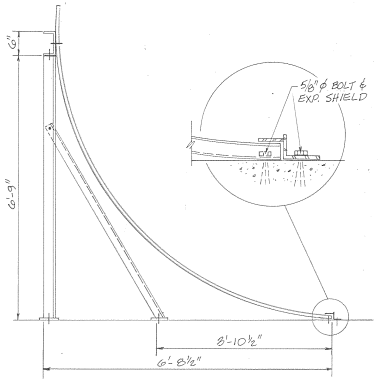
1-15-202

CAROLINA E&F P-355 (NO SOUTH DIV. 04-1093-16 (1-73))

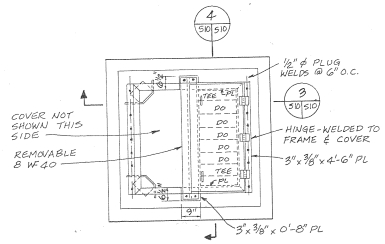
REVISIONS			
LET	DESCRIPTION	DATE	APPROVED
	AS-BUILT DRWG. NO CORRECTIONS	2/25/91	



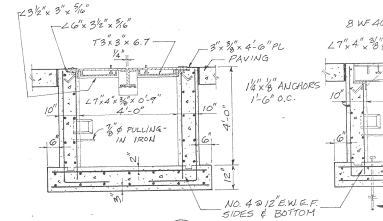
ENGINE EXHAUST DEFLECTOR
SCALE: 1/2" = 1'-0"



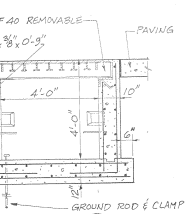
SECTION 1 (C7 | S10 | S10)
N.T.S.



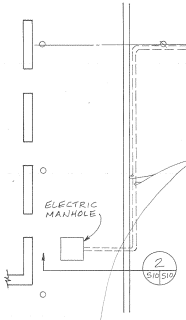
TYPICAL ELECTRICAL HANDHOLE
PLAN VIEW
SCALE: 1/2" = 1'-0"



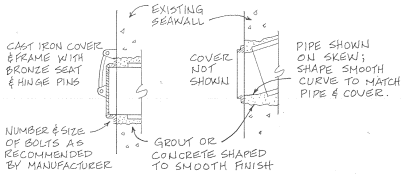
SECTION 3 (S10 | S10)
SCALE: 1/2" = 1'-0"



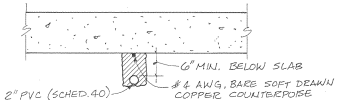
SECTION 4 (S10 | S10)
SCALE: 1/2" = 1'-0"



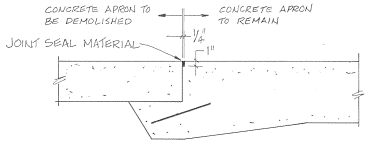
LANDING DIRECTION LIGHTING PLAN



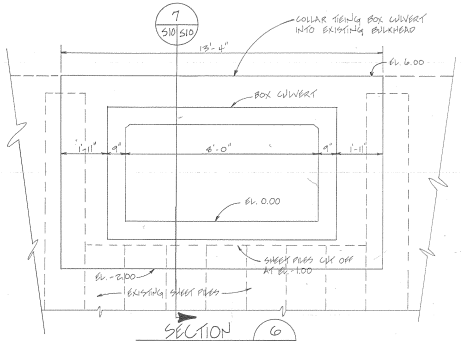
VERTICAL SECTION HORIZONTAL SECTION
TYPICAL FLAP GATE
NO SCALE



SECTION 5 (S10 | S10)
N.T.S.

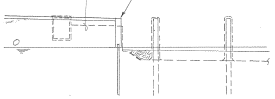


CONCRETE APRON DETAIL
N.T.S.

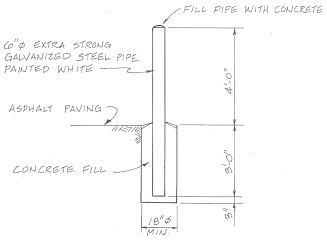


SECTION 6 (C7 | S10)
SCALE: 1/2" = 1'-0"

DETAIL A (C7 | S10)
N.T.S.

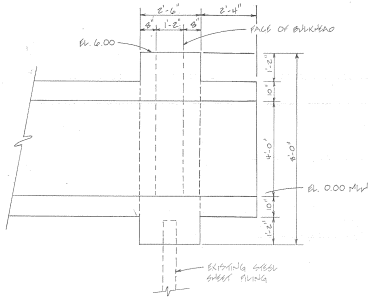


SECTION 2 (S10 | S10)
N.T.S.



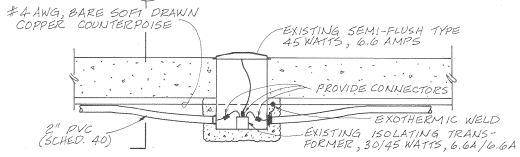
DETAIL B (S10)
N.T.S.

GUARD POST DETAIL (C | S10)
SCALE: 1/2" = 1'-0"



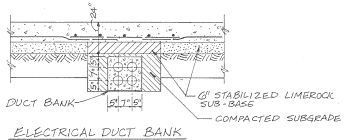
SECTION 7 (S10 | S10)
SCALE: 1/2" = 1'-0"

RECORD DRAWING
DATE 2/25/91



PERIMETER LIGHT DETAIL
SCALE: 1" = 1'-0"

NOTE
PROVIDE A MINIMUM OF 3" OF CONCRETE AROUND LIGHT BASE UNDER NEW SLAB.



ELECTRICAL DUCT BANK
SCALE: 1/2" = 1'-0"

GRAPHIC SCALES
1/2" = 1'-0" 1' 0' 1' 2' 3' 4' 5' 6' 7' 8' 9'
1" = 1'-0" 1' 6" 0' 1' 2' 3' 4'

DESIGNED SLOGER	DEPARTMENT OF THE NAVY · NAVAL FACILITIES ENGINEERING COMMAND		
DRAWN BY WHITSITT	SOUTHERN DIVISION CHARLESTON, S.C.		
CHECKED BY WBRY	NAVAL AIR STATION JACKSONVILLE, FL		
IN CHARGE	BULKHEAD IMPROVEMENTS		
PROJ ENGR L. R. Sloger, P.E.			
DIRECTOR	SECT. FOR CONTRACTING		
APPROVED K.M. Robertson 2/7/86	SIZE F	CODE IDENT NO. 80091	NAVFAC DRAWING NO. 5152730
EFD FOR COMMANDER, NAVFAC	CONTRACT NO. N62467-84-C-0626		
	SCALE	SHEET NO. 84-C-0626	SHEET 20 OF 20

S-10

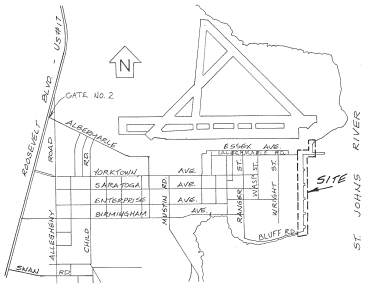
AS-BUILT

1-15-203

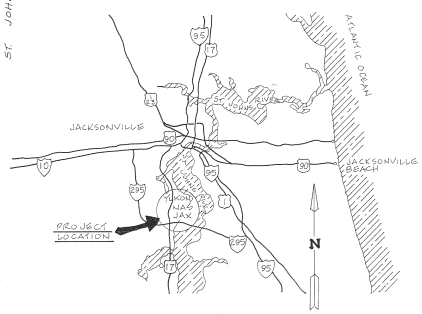
REVISIONS			
LET	DESCRIPTION	DATE	APPROVED
	AS-BUILT DRWG. NO CORRECTIONS	2/25/91	

BULKHEAD IMPROVEMENTS

NAVAL AIR STATION JACKSONVILLE, FLORIDA



VICINITY MAP



LOCATION MAP

NAVFAC DWG. NO.	SHEET NO.	TITLE
5152711	T-1	TITLE, INDEX OF DRAWINGS, VICINITY & LOCATION MAPS
5152712	T-2	AERIAL PHOTOGRAPH
5152713	C-1	EXISTING SITE PLAN I
5152714	C-2	EXISTING SITE PLAN II
5152715	C-3	EXISTING SITE PLAN III
5152716	C-4	EXISTING SITE PLAN IV
5152717	C-5	DEMOLITION PLAN I
5152718	C-6	DEMOLITION PLAN II
5152719	C-7	DEMOLITION PLAN III
5152720	C-8	DEMOLITION PLAN IV
5152721	S-1	SOIL BORINGS
5152722	S-2	NEW BULKHEAD PLAN I
5152723	S-3	NEW BULKHEAD PLAN II
5152724	S-4	NEW BULKHEAD PLAN III
5152725	S-5	NEW BULKHEAD PLAN IV
5152726	S-6	NEW SHEET PILE DETAILS
5152727	S-7	DETAILS - BULKHEAD DEADMEN
5152728	S-8	DETAILS - NEW CONSTRUCTION
5152729	S-9	SECTIONS - EXISTING
5152730	S-10	SECTIONS - EXISTING

RECORD DRAWING
DATE 2/25/91
CC 154.10

DESIGNED SLOGER	DEPARTMENT OF THE NAVY - NAVAL FACILITIES ENGINEERING COMMAND	
DRAWN BY WHITSITT	SOUTHERN DIVISION CHARLESTON, S.C.	
CHECKED BY GARRY	NAVAL AIR STATION JACKSONVILLE, FL	
IN CHARGE	BULKHEAD IMPROVEMENTS	
PROJ ENGR W. R. Sloger P.E.	TITLE SHEET	
DIRECTOR		
APPROVED LCDR, CEC USN FOR COMMANDER, NAVFAC — DATE 6/17/86	SIZE F — CODE IDENT NO. 80091 — NAVFAC DRAWING NO. 5152711	
	SCALE — CONSTR CONTR NO. N62467-84-C-0626	
	SPEC 06-84-0626 — SHEET 1 OF 20	

T-1

AS-BUILT

1-15-184

CAROLINA E&F PJ.80 IND SOUTH DIV. 84-11/02-14 (7-71)

REVISIONS			
LET	DESCRIPTION	DATE	APPROVED
	AS-BUILT DRWG. NO CORRECTIONS	2/25/91	BR

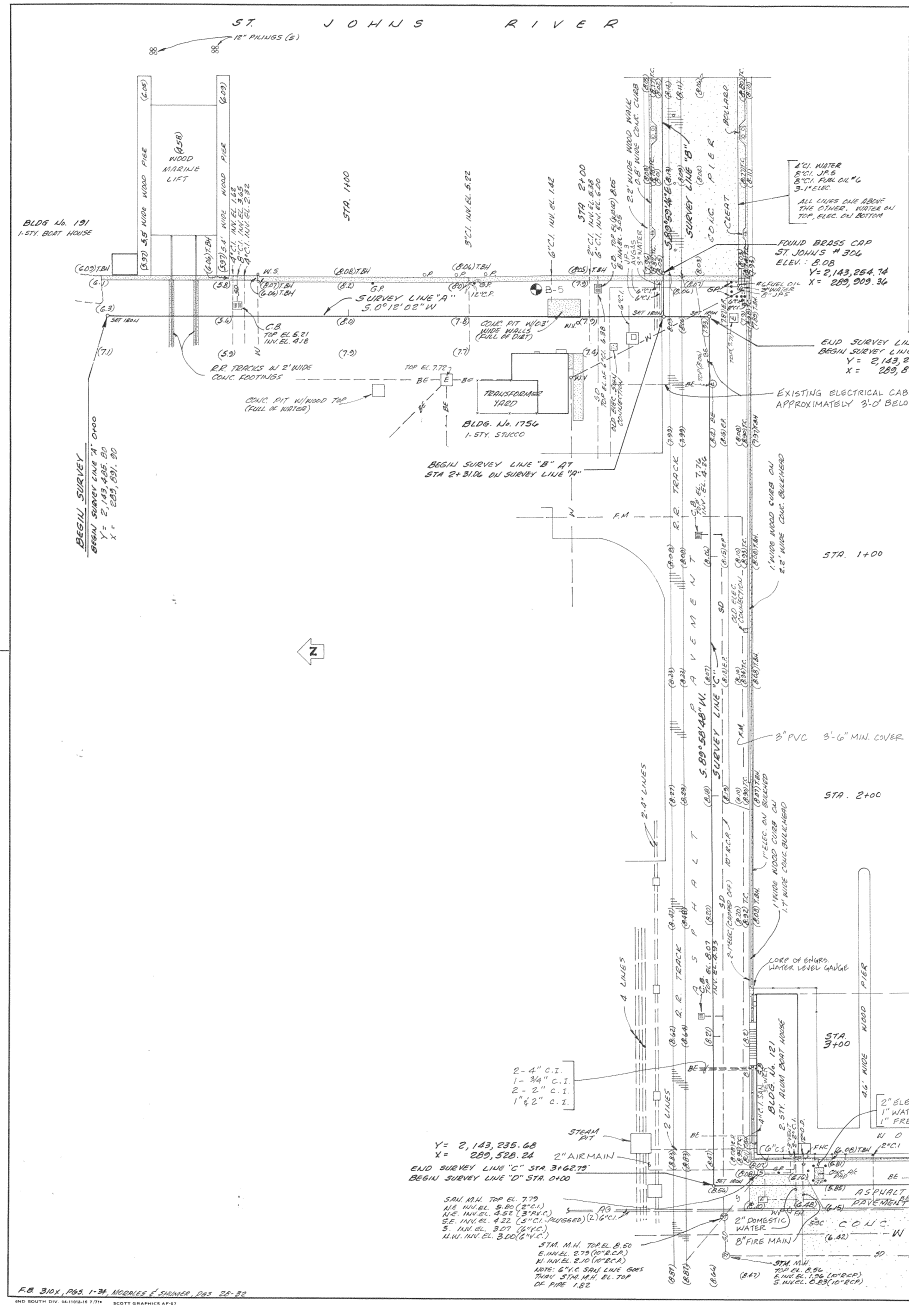
RECORD DRAWING
DATE 2/25/91

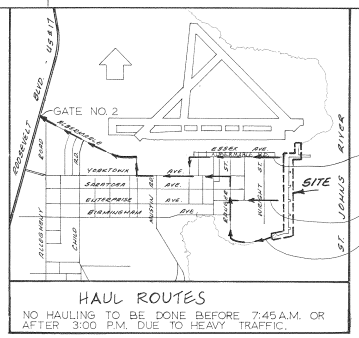
DESIGNED SLOGER	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
DRAWN BY WHITSITT	SOUTHERN DIVISION (CHARLESTON, S.C.)
CHECKED BY WRR-Y	NAVAL AIR STATION JACKSONVILLE, FL
IN CHARGE	BULKHEAD IMPROVEMENTS
PROJ ENGR W. R. Nagy, P.E.	AERIAL PHOTOGRAPH
DIRECTOR	
APPROVED / DATE: K.M. Robertson 2/7/91 — VICE FOR COMMANDER - NAVFAC	SIZE F; CODE IDENT NO. 80091; NAVFAC DRAWING NO. 5152712; CONTR CONTR NO. N62467-84-C-0626; SCALE 1" = 150'; SPEC 06-84-0626; SHEET 2 OF 20

T-2

AS-BUILT

1-15-185





HAUL ROUTES

NO HAULING TO BE DONE BEFORE 7:45 A.M. OR AFTER 3:00 P.M. DUE TO HEAVY TRAFFIC.

0 5' 10' 15' 20' 25' 50' 100'

GRAPHIC SCALE: 1" = 20'

REVISIONS			
LET	DESCRIPTION	DATE	APPROVED
	AS-BUILT DRWG. NO CORRECTIONS	2/25/91	

LEGEND

—AG—	AVIATION GAS
—FM—	SANITARY SEWER FORCE MAIN
—W—	WATER
—S—	SANITARY SEWER
—SD—	STORM DRAIN
—BE—	BURIED ELECTRIC
B-#	SOIL BORING
(E)	ELECTRIC MANHOLE
(SD)	STORM DRAIN MANHOLE
(S)	SANITARY SEWER MANHOLE
(4.15)	SPOT ELEVATIONS SHOWN THUS AND REFERS TO M.L.W. DATUM
T.B.H.	TOP OF BULKHEAD
T.B.	TOP OF BANK
T.C.	TOP OF CURB
E.P.	EDGE OF PAVEMENT
C.I.	CAST IRON
RCP	REINFORCED CONCRETE PIPE
V.C.	VITRIFIED CLAY
C.A.	CHARGEERED AIR
S.B.	SWITCH BOX
C.B.B.	CIRCUIT BREAKER BOX
L.L.	LANDING LIGHT
S.G.C.	STATIC GROUND CONTROL
W.V.	WATER VALVE
V.B.	VALVE BOX
F.H.	FIRE HYDRANT
F.H.C.	FIRE HOSE CONNECTION
W.S.	WATER SPIGOT
S.H.	SHOWER HEAD
C.B.	CATCH BASIN
G.P.	GUARD POST
CL.	CLEAT
P.	PILING
C.P.	CABBAGE PALM TREE
D.P.	DATE PALM TREE
H.A.	HELICOPTER ANCHOR
O.D.	OUTSIDE DIAMETER
VMH	VALVE MANHOLE
VB/ASI	VALVE BOX WITH METAL PLATE "AQUA SYSTEMS INC."

NOTES:

1. ALL UTILITY STRUCTURES AND ELEVATIONS PERTAINING THERETO ARE FIELD LOCATED. UNDERGROUND INFORMATION TAKEN FROM AVAILABLE MAPS.
2. REFERENCE BENCH MARK IS B.M. # 131 AS SHOWN ON P.W. DWG. No. 1-1-372 FOR BENCH MARKS JAX. H.A.S., ELEVATION 8.98, M.L.W. DATUM.
3. COORDINATES SHOWN HEREON REFER TO THE TRANSVERSE MERCATOR GRID COORDINATE SYSTEM FOR THE EAST ZONE OF FLORIDA.
4. GENERAL NOTES ARE SHOWN ON DRAWING S-1.

RECORD DRAWING
DATE 2/25/91

CERTIFICATE:

THIS SURVEY COMPLIES WITH THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF LAND SURVEYORS, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

CLARSON & ASSOC., INC.
1445 KIRLIN AVE, JACKSONVILLE

BY: Jose A. Hill DATE 4-30-85
JOSE A. HILL, REG. P.L.S. SURVEYOR No. 2361

DESIGNED SLOGER	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND SOUTHERN DIVISION CHARLESTON, S.C.		
DRAWN BY WHITSITT			
CHECKED BY FOSTER	NAVAL AIR STATION JACKSONVILLE, FL		
IN CHARGE	BULKHEAD IMPROVEMENTS		
PROJ ENGR W. T. Yunger P.E.	EXISTING SITE PLAN I		
DIRECTOR			
APPROVED K.M. Robertson 2/1/86 DATE	SIZE F	CODE IDENT NO. 80091	NAVFAC DRAWING NO. 5152713
FOR COMMANDER, NAVFAC	SCALE	SPEC 06-84-0626	SHEET 3 OF 22

C-1

CONSTR CONTR NO. N62467-84-C-0626

F.B. 310X, PGS. 1-39 MCBRIDE & SHUMER, PGS. 28-29

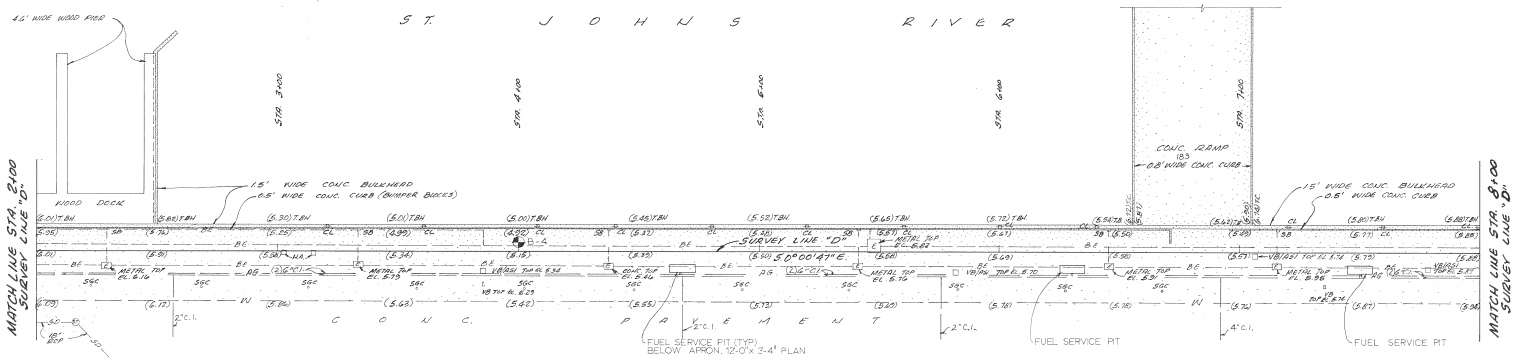
AND SOUTH DIV. 34.11(9)(8) 7-74 SCOTT GRAPHICS AF-57

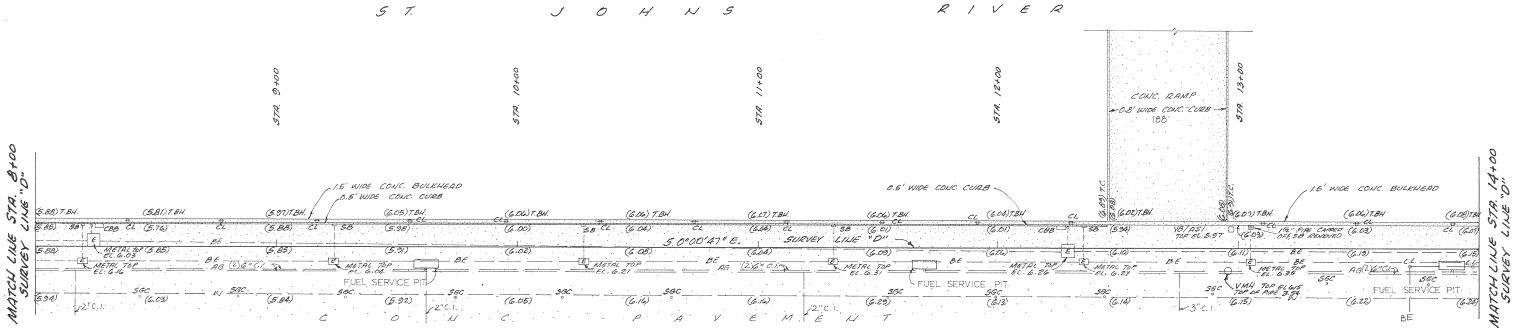
AS-BUILT

1-15-186

REVISIONS			
LET	DESCRIPTION	DATE	APPROVED
	AS-BUILT DWG. NO CORRECTIONS	2/25/91	

GRAPHIC SCALE: 1" = 20'





RECORD DRAWING
DATE 3/25/91

NOTE: SEE SHEET C-1 FOR GENERAL NOTES & LEGEND

DESIGNED SLOGER	DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND	
DRAWN BY WHITSITT	SOUTHERN DIVISION CHARLESTON, S.C.	
CHECKED BY FOSTER	NAVAL AIR STATION JACKSONVILLE, FL	
IN CHARGE Foster	BULKHEAD IMPROVEMENTS	
PROJ ENGR W. M. Slayton, P.E.	EXISTING SITE PLAN II	
DIRECTOR		
APPROVED K M Robertson 2/3/94 DATE	SIZE F / CODE IDENT NO. 80091 / NAVFAC DRAWING NO. 5152714	
FOR COMMANDER, NAVFAC	CONSTR CONTR NO. N62467-84-C-0626	
	SCALE / SPEC 06-84-0626 / SHEET 4 OF 20	

C-2

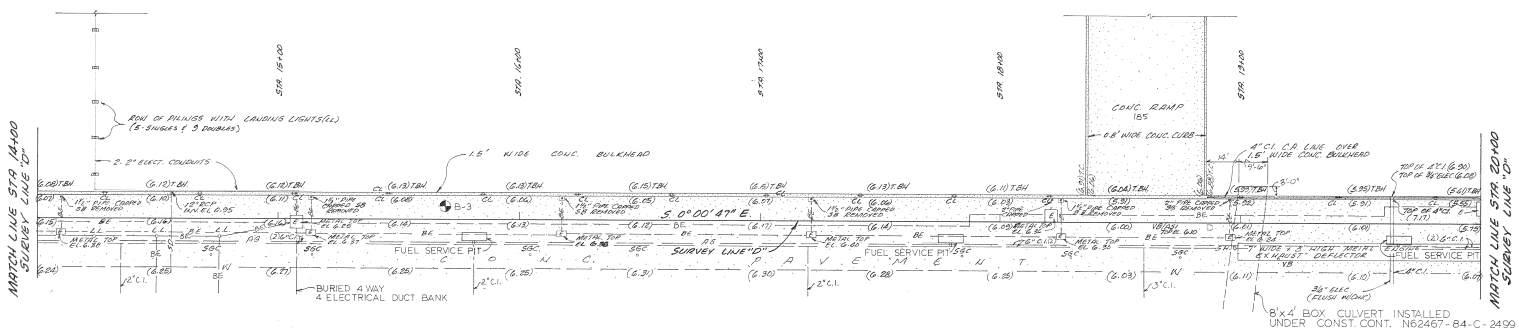
F.B. 3104, PGS. 1-34, MOORIES & SHUMER, PGS. 28-32

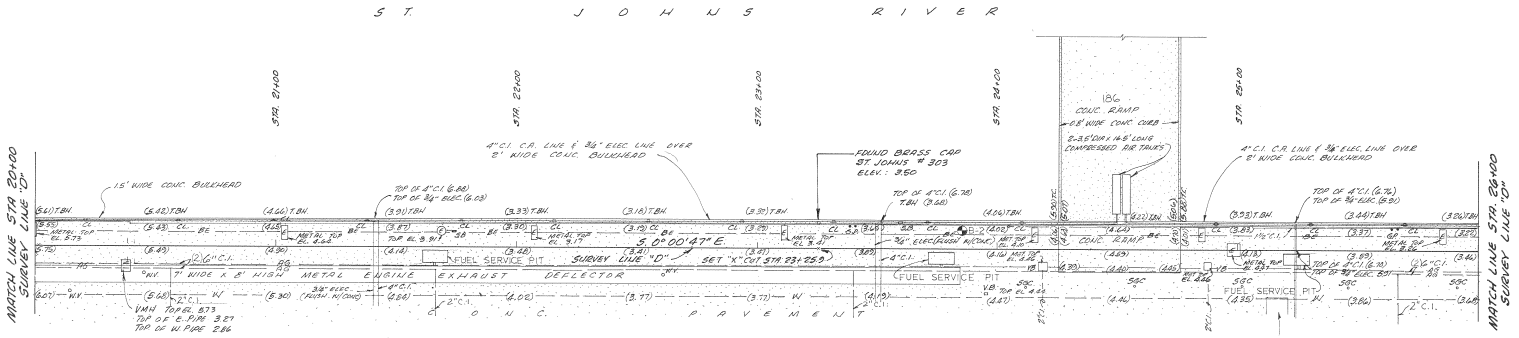
AS-BUILT

1-15-187

REVISIONS			
LET	DESCRIPTION	DATE	APPROVED
	AS-BUILT DWNG. NO CORRECTIONS	9/15/91	

GRAPHIC SCALE: 1"=20'





NOTE: SEE SHEET C-1 FOR GENERAL NOTES & LEGEND

RECORD DRAWING
DATE 2/25/91

DESIGNED SLOGER	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND	
DRAWN BY WHITSITT	SOUTHERN DIVISION CHARLESTON, S.C.	
CHECKED BY FOSTER	NAVAL AIR STATION JACKSONVILLE, FL	
IN CHARGE Fischer	BULKHEAD IMPROVEMENTS	
PROJ ENGR W. A. Slager, P.E.	EXISTING SITE PLAN III	
DIRECTOR		
APPROVED / DATE	SIZE F	CODE IDENT NO. 80091
STE FOR COMMANDER, NAVFac	SCALE	SPEC 06-84-0626 SHEET 5 OF 20

NAVFAC DRAWING NO. 5152715
CONSTR CONTR NO. N62467-84-C-0626

C-3

F.B. 310x, PGS. 1-34, MORALES & SHUMER, PAS. 28-32

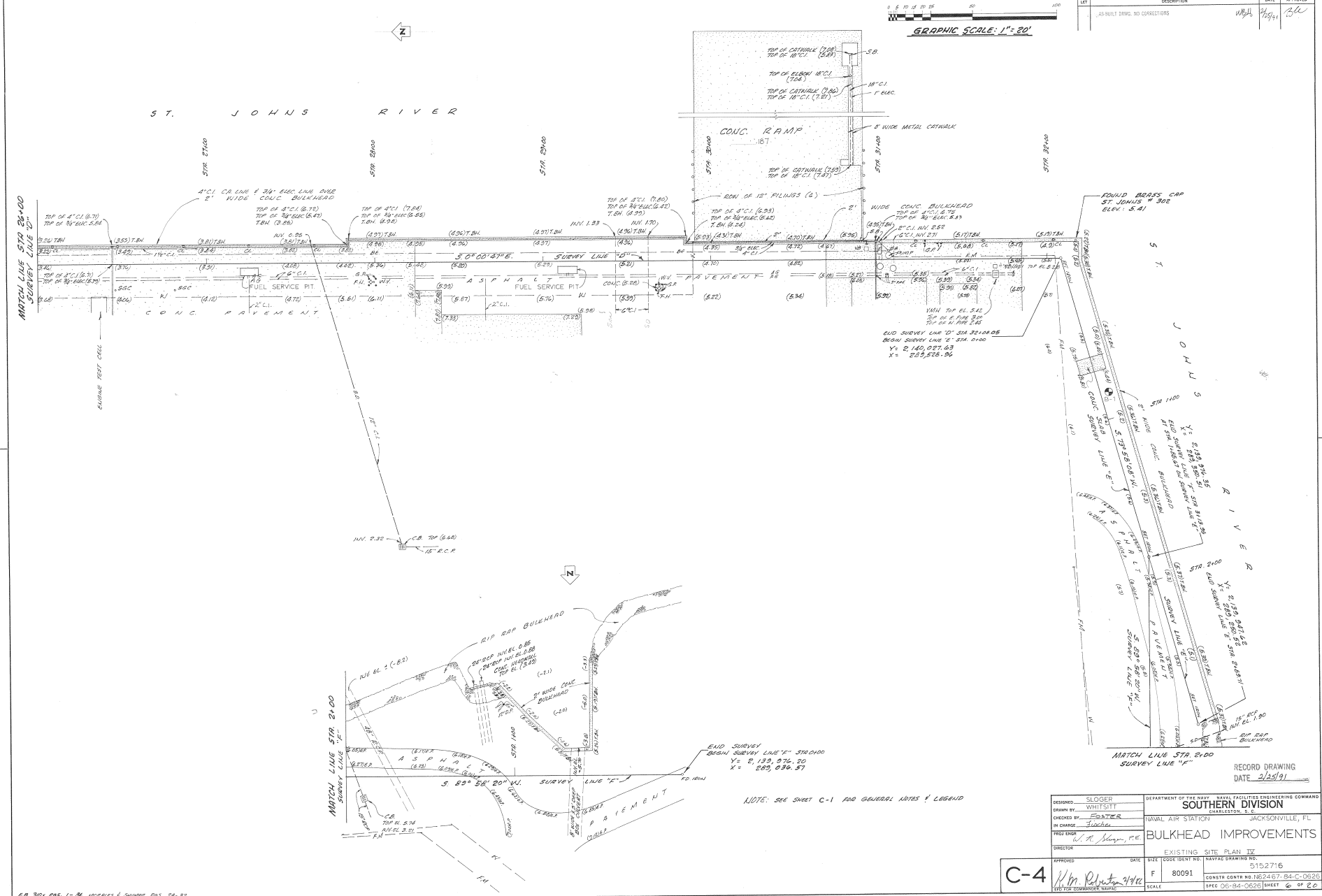
AND SOUTH DIV. 96-1100-16 1-7-74 SCOTT GRAPHICS AF-87

AS-BUILT

1-15-188

REVISIONS			
LET	DESCRIPTION	DATE	APPROVED
	AS-BUILT DRWG. NO CORRECTIONS	2/25/91	

GRAPHIC SCALE: 1" = 20'



RECORD DRAWING
DATE 2/25/91

DESIGNED SLOGER	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND	
DRAWN BY WHITSITT	SOUTHERN DIVISION CHARLESTON, S.C.	
CHECKED BY FOSTER	NAVAL AIR STATION JACKSONVILLE, FL	
IN CHARGE Fischer	BULKHEAD IMPROVEMENTS	
PROJ ENGR W. H. Singer, P.E.	EXISTING SITE PLAN IV	
DIRECTOR		
APPROVED / DATE	SIZE F / CODE IDENT NO. 80091	NAVFAC DRAWING NO. 5152716
EFD FOR COMMANDER, NAVFAC	SCALE	CONSTR CONTR NO. N62467-84-C-0626
		SPEC 06-84-0626 SHEET 6 OF 20

C-4

F.B. 3101, PGS. 1-34, 100 BELLS & SHUNDER, PGS. 28-32

WHO SOUTH DIV. 58.1115516 7774 ROOTY GRAPHICS AP-01

AS-BUILT

1-15-189

APPENDIX I

MONITORED NATURAL ATTENUATION WORK PLAN

Comprehensive Long-term Environmental Action Navy

CONTRACT NUMBER N62467-04-D-0055

Rev. 0
July 2011

Monitored Natural Attenuation Work Plan
for
Petroleum Contaminated Area 25 UST Site 119 Fuel Transfer Sump

Naval Air Station Jacksonville
Jacksonville, Florida

Contract Task Order 0154

July 2011

NAVFAC
Naval Facilities Engineering Command
NAVFAC SOUTHEAST
NAS Jacksonville
Jacksonville, Florida 32212-0030

TETRA TECH NUS, Inc.

Rev. 0
July 15, 2011

MONITORED NATURAL ATTENUATION WORK PLAN
FOR
PETROLEUM CONTAMINATED AREA (PCA) 25
UST SITE 119 FUEL TRANSFER SUMP

NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA

COMPREHENSIVE LONG-TERM
ENVIRONMENTAL ACTION NAVY (CLEAN) CONTRACT

Submitted to:
Naval Facilities Engineering Command
Southeast
NAS Jacksonville Building 103
Jacksonville, Florida 32212

Submitted by:
Tetra Tech NUS, Inc.
661 Andersen Drive
Foster Plaza 7
Pittsburgh, Pennsylvania 15220

CONTRACT NUMBER N62467-04-D-0055
CONTRACT TASK ORDER 0003

JULY 2011

PREPARED UNDER THE SUPERVISION OF:

MARK A. PETERSON, P.G.
TASK ORDER MANAGER
TETRA TECH NUS, INC.
JACKSONVILLE, FLORIDA

APPROVED FOR SUBMITTAL BY:

DEBRA M. HUMBERT
PROGRAM MANAGER
TETRA TECH NUS, INC.
PITTSBURGH, PENNSYLVANIA

TABLE OF CONTENTS

SECTION **PAGE**

ACRONYMS ..... **v**

1.0 INTRODUCTION **1-1**
1.1 WORK PLAN OBJECTIVE 1-1
1.2 PROJECT MANAGEMENT AND ORGANIZATION 1-1
1.3 NAS JACKSONVILLE SUPPORT 1-2

2.0 BACKGROUND INFORMATION **2-1**
2.1 SITE DESCRIPTION 2-1
2.2 SITE INVESTIGATIVE HISTORY 2-1
2.2.1 Waste Product Removal 2-1
2.2.2 Tank Demolition and Removal 2-4
2.2.3 Piping Abandonment 2-4
2.2.4 Excessively Contaminated Soil and Groundwater 2-4
2.2.5 Summary of Tank Closure Activities 2-5
2.2.6 Site Assessment and Quarterly Monitoring 2-5

3.0 SAMPLING RATIONALE AND ANALYSIS PLAN **3-1**
3.1 SAMPLING OBJECTIVES 3-1
3.1.1 Problem Statement 3-1
3.1.2 Project Objective 3-2
3.1.3 Field Objective 3-3
3.1.4 Site Boundary 3-3
3.1.5 Sample and Analysis Approach 3-3
3.2 FIELD ACTIVITIES 3-3
3.2.1 Groundwater Sampling 3-3
3.3 LABORATORY ANALYSIS AND QUALITY ASSURANCE/QUALITY CONTROL SAMPLES 3-6

4.0 SAMPLING PROTOCOL **4-1**
4.1 STANDARD OPERATING PROCEDURES 4-1
4.2 FIELD TEAM ORGANIZATION 4-1
4.3 FIELD LOGBOOKS AND FORMS 4-2
4.4 GROUNDWATER LEVEL MEASUREMENTS 4-3
4.5 GROUNDWATER SAMPLING 4-4
4.6 FIELD MEASUREMENTS 4-4
4.6.1 Field Instrument Control Limits 4-5
4.6.2 Manufacturers' Specifications 4-5
4.7 DECONTAMINATION PROCEDURES 4-6
4.7.1 Groundwater Sampling Equipment 4-6
4.8 SAMPLE HANDLING 4-6
4.8.1 Sample Containers, Preservation, Holding Times, and Analysis 4-6
4.8.2 Laboratory Sample Identification 4-6
4.8.3 Sample Packaging and Shipping 4-7
4.9 INVESTIGATION DERIVED WASTE 4-8
4.10 FIELD ORGANIZATION 4-8
4.11 DELIVERABLES AND DATA MANAGEMENT 4-9

5.0 PROJECT SCHEDULE **5-1**

REFERENCES **R-1**

APPENDICES

A FIELD FORMS

TABLES

NUMBER **PAGE**

3-1 Preliminary Remediation Goals for Groundwater COCs 3-2
3-2 Summary of Aqueous Sample Analytical Requirements 3-6
3-3 Frequency of Field QC Samples 3-7
4-1 Field QA/QC Specifications 4-4

FIGURES

NUMBER **PAGE**

2-1 Site Vicinity Map 2-2
2-2 Site Plan 2-3
2-3 Initial Investigation Groundwater Results 2-9
2-4 Quarterly Groundwater Results 2-10
3-1 Groundwater Monitoring Well Locations 3-4

ACRONYMS AND ABBREVIATIONS

AST	Aboveground Storage Tank
bls	Below land surface
CLEAN	Comprehensive Long-term Environmental Action Navy
COC	Chemical of concern
CTO	Contract Task Order
°C	Degree Celsius
F.A.C.	Florida Administrative Code
FDEP	Florida Department of Environmental Protection
FID	Flame ionization detector
FL-PRO	Florida Residual Petroleum Organics
FOL	Field Operations Leader
GCTL	Groundwater Cleanup Target Level
H_2SO_4	Sulfuric acid
HCl	Hydrochloric acid
HNO_3	Nitric acid
IDW	Investigative derived waste
LUC	Land use control
MER	Moran Environmental Recovery, LLC
µg/L	Microgram per liter
mg/kg	Milligram per kilogram
mg/L	Milligram per liter
mL	Milliliter
MNA	Monitored Natural Attenuation
MS	Matrix spike
MSD	Matrix spike duplicate
MSW	Marine Surface Water
NAS	Naval Air Station
NAVFAC SE	Naval Facilities Engineering Command Southeast
NAVSTA	Naval Station
NIST	National Institute of Standards and Technology
OVA	Organic vapor analyzer
PAH	Polynuclear aromatic hydrocarbon
PCA	Petroleum Contaminated Area
PCW	Product contact water
PID	Photoionization Detector

ACRONYMS AND ABBREVIATIONS (continued)

POC	Point of contact
ppm	Part per million
QA	Quality assurance
QAM	Quality Assurance Manager
QC	Quality control
RBCA	Risk-Based Corrective Action
RMO	Risk Management Option
RPM	Remedial Project Manager
SAR	Site Assessment Report
SCTL	Soil Cleanup Target Level
SOP	Standard operating procedure
SPLP	Synthetic Precipitation Leaching Procedure
SSO	Site Safety Officer
TPH	Total petroleum hydrocarbons
TRPH	Total recoverable petroleum hydrocarbons
Tetra Tech	Tetra Tech NUS, Inc.
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VOC	Volatile organic compound

1.0 INTRODUCTION

Tetra Tech NUS, Inc. (Tetra Tech) has prepared this Groundwater Monitored Natural Attenuation Work Plan for the Petroleum Contaminated Area (PCA) 25, Underground Storage Tank (UST) Site 119 Fuel Transfer Sump, Naval Air Station (NAS) Jacksonville, Florida. This Work Plan was prepared for the United States Navy, Naval Facilities Engineering Command Southeast (NAVFAC SE) under Contract Task Order (CTO) 0154, for the Comprehensive Long-term Environmental Action Navy (CLEAN) IV Contract Number N62467-04-D-0055.

This Work Plan consists of five sections. Section 1.0 is an introduction, which includes descriptions of the objective and scope, the project management organization, the field organization, and the project schedule. Section 2.0 provides descriptions, background information, and presents the sampling rationale. Section 3.0 describes the sampling rationale and analysis plan. Section 4.0 details the field tasks and associated methodologies. Section 5.0 summarizes the NAS Jacksonville support tasks for the subject work scope. The appendices include Field Forms (Appendix A).

1.1 WORK PLAN OBJECTIVE

The focus of this Work Plan involves groundwater sampling and analysis at PCA 25 at NAS Jacksonville. Groundwater samples will be collected at PCA 25 to determine, 1) whether groundwater at PCA 25 is eligible for No Further Action without Controls under Risk Management Option (RMO) I [i.e., no exceedances of Groundwater Cleanup Target Levels (GCTLs) for four quarters, including previous monitoring data] as defined in Florida Department of Environmental Protection (FDEP) Chapter 62-770, Florida Administrative Code (F.A.C.); 2) if No Further Action with Institutional Controls under RMO II will be required, or 3) if continued monitoring to assess monitored natural attenuation (MNA) is appropriate.

1.2 PROJECT MANAGEMENT AND ORGANIZATION

At the direction of the NAVFAC SE Remedial Project Manager (RPM), the Contractor is responsible for the overall management of the project, including field activities. NAVFAC SE and NAS Jacksonville personnel will actively support the assessment and will coordinate with personnel from the Contractor during field activities. The responsible organizations and personnel involved in the management of the project are as follows:

NAVFAC SE Integrated Product Team South Atlantic
Code OPA6, Cube 36
135 Ajax Street
Jacksonville, FL 32212-0030
(904) 542-6160
Ms. Adrienne Wilson, RPM

NAS Jacksonville
Building 1, Code 064TC
NASJAX /Yorktown/Langley
Jacksonville, FL 32212
(904) 542-4228
Mr. Tim Curtin

Responsibilities of other key project personnel are discussed in the following sections.

1.3 NAS JACKSONVILLE SUPPORT

The NAS Jacksonville facility Point of Contact (POC) will be responsible for the following activities:

- Provide access to the site
- Answer questions related to NAS Jacksonville policies and procedures

2.0 BACKGROUND INFORMATION

This work plan has been established based on previous assessments and results. This section describes the site characteristics of PCA 25/UST 119 and provides a summary of the previous assessments and results.

2.1 SITE DESCRIPTION

NAS Jacksonville is located in northeast Florida on the west bank of the St. Johns River, southwest of downtown Jacksonville, Florida as depicted on Figure 2-1. The facility is bounded by the St. Johns River to the east, a golf course (Timuquana Country Club) to the north, U.S. Highway 17 (Roosevelt Boulevard) to the west, and residential development to the south. PCA 25 is located at the end of Albermarle Avenue east of Taxiway Bravo Street. The site location on NAS Jacksonville is shown on Figure 2-1 and the site boundary with former aboveground storage tank (AST) locations are shown in Figure 2-2. The primary area of assessment is the fuel sump area located south of the former location of Tank 1982.

2.2 SITE INVESTIGATIVE HISTORY

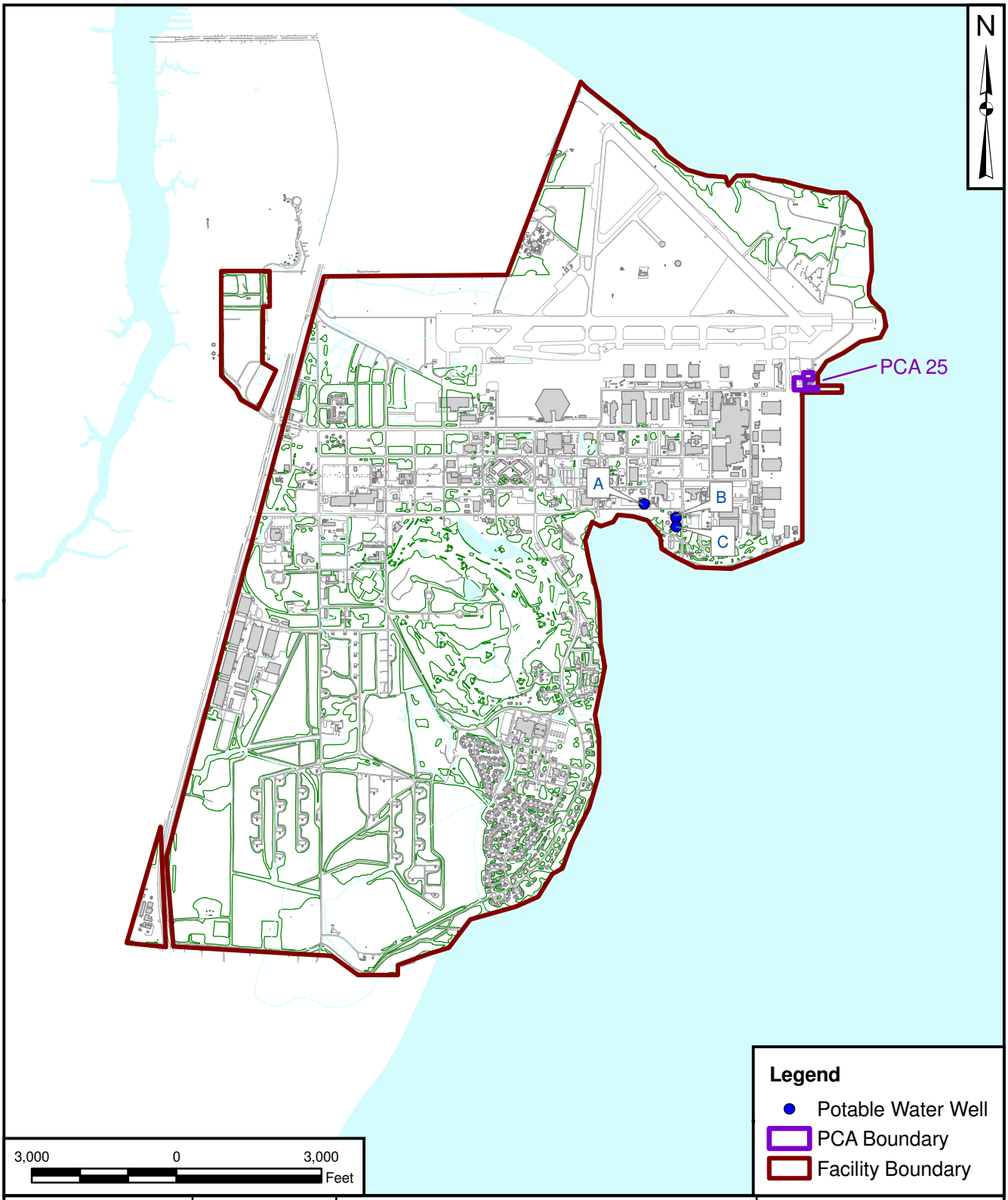
PCA 25, located at the end of Albermarle Avenue east of Taxiway Bravo, contained two ASTs. The locations of the ASTs are presented on Figure 2-2 along with the associated piping and product lines in the general area. The two tanks (Tank 120 and Tank 1982) contained Bunker C fuel at a capacity of 420,000 gallons each.

OHC Environmental Engineering, Inc. was contracted by NAVFAC SE to supervise, monitor, and assess the demolition and removal of Tanks 120 and 1982. Both tanks contained Bunker C fuel oil and were no longer in use. Details of the Tank Closure Assessment Report are provided in the following sections.

2.2.1 <u>Waste Product Removal</u>

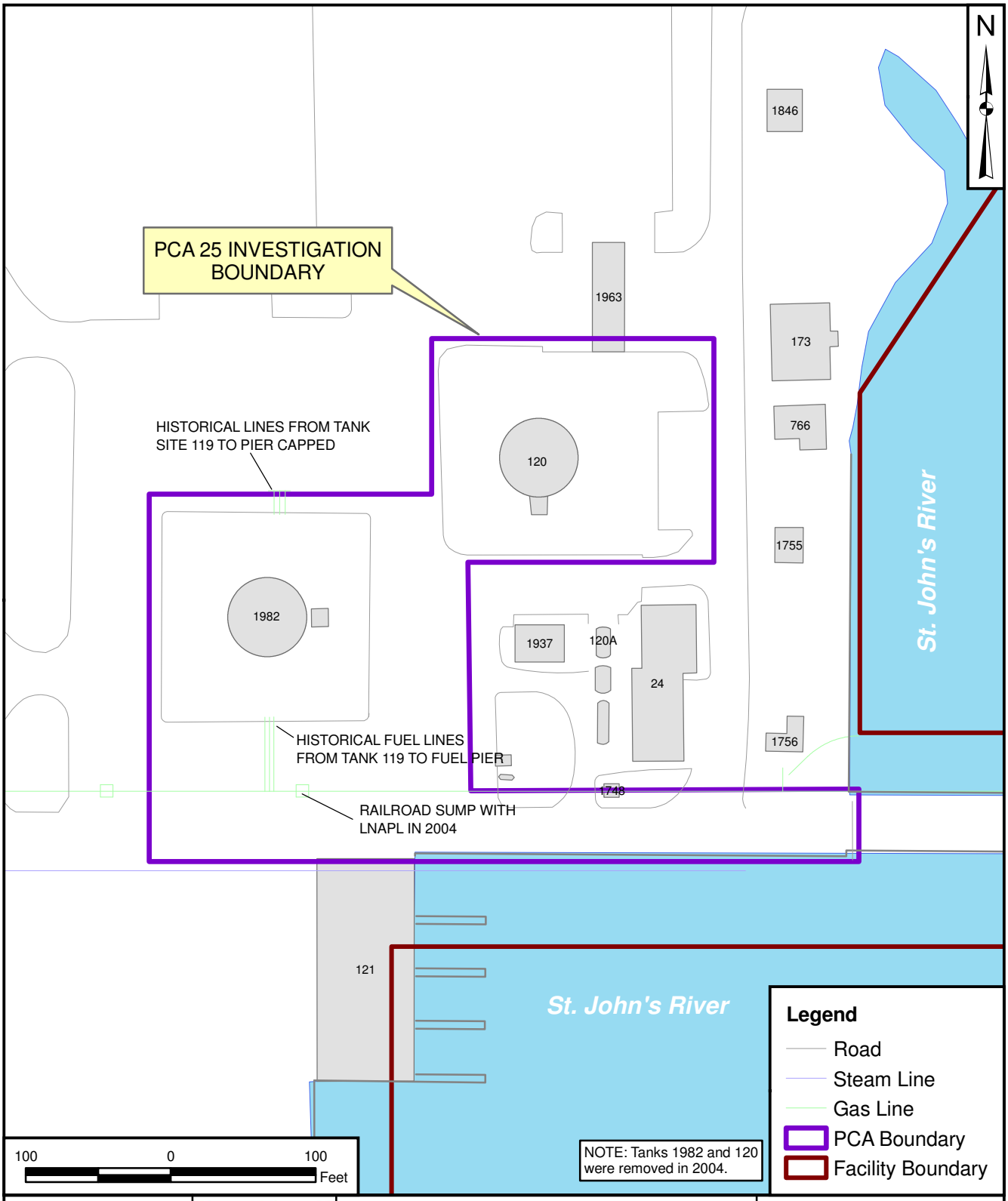
Moran Environmental Recovery, LLC (MER) was the certified pollutant storage systems specialty contractor contracted to demolish and remove the tanks. MER pumped out approximately 3,500 gallons of waste Bunker C fuel from Tanks 120 and 1982 prior to pressure washing the tanks using diesel fuel, which generated an additional 500 gallons of diesel fuel sludge. The approximately 4,000 total gallons of waste Bunker C fuel and associated sludge product was removed and transported to Water Recovery, Inc. for proper treatment and disposal.

PGH P:\GIS\JACKSONVILLE_NAS\MXD\PCA_25_FACILITY.MXD 6/23/11 KM



DRAWN BY	DATE			CONTRACT NUMBER
K. MOORE	6/23/11		SITE VICINITY MAP	CTO 0154
CHECKED BY	DATE		PCA 25	APPROVED BY / DATE
D. HARDISON	6/23/11		NAS JACKSONVILLE	APPROVED BY / DATE
REVISED BY	DATE	NAVFAC	JACKSONVILLE, FLORIDA	FIGURE NO. 2-1 / REV 0
SCALE AS NOTED				

PGH P:\GIS\JACKSONVILLE_NAS\MXD\PCA25_SITE_PLAN.MXD 6/23/11 KM



DRAWN BY	DATE			CONTRACT NUMBER
K. MOORE	6/23/11		SITE PLAN PCA 25 NAS JACKSONVILLE JACKSONVILLE, FLORIDA	CTO 0154
CHECKED BY	DATE			APPROVED BY / DATE
D. HARDISON	6/23/11			___ / ___
REVISED BY	DATE			APPROVED BY / DATE
				___ / ___
SCALE AS NOTED		NAVFAC		FIGURE NO. 2-2 / REV 0

2.2.2 Tank Demolition and Removal

After the Bunker C fuel was removed and the tanks were adequately pressure washed, they were demolished by MER and disposed at Realco Wrecking, Inc. as scrap metal. Prior to demolition, all asbestos containing material was removed. Additionally, paint containing lead, cadmium, and arsenic was abated prior to the demolition of Tank 120. The tank containment berms were also demolished, and the concrete debris was removed for disposal/recycling at Realco Wrecking, Inc.

During the demolition of Tank 1982, three pipelines were discovered running under the former tank, which were later determined to be associated with Tank 119 and historically contained JP5 fuel. The pipes ran north and south through the center of the excavation area and had been severed when installing the concrete ring on which Tank 1982 rested. The pipes were capped at the limits of the excavation with mechanical type flanges. The remaining portions were removed and recycled after an asbestos containing material wrap was abated. The soil and groundwater samples collected for Tank 1982 were obtained immediately south of the former JP 5 pipes, which were located in the center of the northern boundary of the excavation.

During the demolition of Tank 120, a pipe labeled as containing gas was discovered in the northeastern corner of the excavation pit. The pipe had been broken, and the interior of the pipe contained dirt. After removing the dirt, a small amount of oily water started to drip from the pipe. The pipe was then capped with a mechanical flange and left in place.

2.2.3 Piping Abandonment

Associated product lines were reportedly drained, flushed, capped and abandoned in place. Organic vapor analysis (OVA) screening of soil gas was conducted at 5 to 6 feet below land surface (bls) along the abandoned piping, which identified the presence of contamination beneath 14 areas of the supply line. Thirteen of the borings that contained elevated soil gas levels were in the area south of Tank 120 and southeast of Tank 1982. The remaining soil boring that contained elevated soil gas readings was the last sample of the pipeline and located on the southeastern corner of the steam plant.

2.2.4 Excessively Contaminated Soil and Groundwater

Excessively contaminated soil and groundwater was encountered throughout the excavation during removal of Tank 120 as determined by visual indications (i.e., staining, sheen, etc.), odor, and laboratory results. Excessively contaminated soil was not encountered during the excavation of Tank 1982 as confirmed by the soil laboratory analytical results.

Excessively contaminated groundwater was not detected during the excavation of Tank 120 as confirmed by the laboratory analytical results. However, excessively contaminated groundwater was detected in the northern center of the Tank 1982 excavation as confirmed by laboratory analytical results.

2.2.5 Summary of Tank Closure Activities

Two 420,000 gallon Bunker C fuel ASTs were cleaned, demolished, and removed from PCA 25. All Bunker C fuel and diesel fuel sludge generated by the cleaning process was pumped out and properly disposed at Water Recovery, Inc. in Jacksonville, Florida. The majority of associated product lines were drained, flushed, capped, and abandoned in place. The tanks and removed piping were transported to Realco Wrecking, Inc. for proper disposal/recycling. Additionally, two earthen/concrete containment bunkers were demolished and removed from around the tanks, with the concrete debris also transported to Realco Wrecking, Inc. Contaminated soil was encountered under Tank 120 as confirmed by laboratory analytical results. Contaminated soils, as identified through OVA readings, are located south of Tank 120 and southeast of Tank 1982. Contaminated groundwater was encountered under Tank 1982 as confirmed by laboratory analytical results.

OHC Environmental Engineering, Inc. recommended a site assessment be conducted to determine the horizontal and vertical extent of contaminants that exceeded FDEP Soil Cleanup Target Levels (SCTLs) and GCTLs.

During a site visit, Mark Peterson (Tetra Tech) and NAS Jacksonville base contact Frank Sigona observed bulk oil in a railroad sump located in the southern section of PCA 25. Tetra Tech and base personnel agreed that excess oil in the sump may be a direct result of former piping abandoned in-place from the former Tank Site 119. Due to this excess bulk oil being present in the sump, Tetra Tech and base personnel agreed to conduct further assessment activities [light non-aqueous phase liquid (LNAPL) assessment] to define the source, as well as the extent, of soil and groundwater contamination for the site. The assessment will also include the railroad bed, which advances toward the dock area.

2.2.6 Site Assessment and Quarterly Monitoring

A total of 110 soil borings, JAX-PCA25-SB01 through JAX-PCA25-SB110 (SB01 through SB110), were advanced throughout the PCA Area 25 from October 25, 2005 through August 30, 2006. The shallow borings were advanced to total depths of not exceeding 5 feet bls, which is 1 foot into the saturated zone. Four borings (SB08, SB14, SB17, and SB23) were advanced to 25 feet bls to determine the site lithology. At the 110 boring locations, soil samples were collected at 2-foot depth intervals up to 5 feet bls and screened for organic vapor content using an OVA-flame ionization detector (FID). The water table was

encountered at a depth of approximately 4 feet bls during screening, thus the samples collected from 4 feet bls and deeper were saturated.

During soil sampling, net organic vapor readings exceeding 50 parts per million (ppm) were measured from 1 to 5 feet bls. The highest net value (10,326.8 ppm) was recorded on sample SB96 at 1 foot bls. Samples collected from borings SB01, SB06, SB14, SB17, SB40 through SB42, SB47, SB53, SB54, SB64 through SB66, SB68, SB69, SB71, SB73, SB76, SB77, SB80, SB81, SB85, SB94 through SB99, and SB105 produced readings exceeding 50 ppm, whereas readings with detections of organic vapors not exceeding 50 ppm were measured on samples SB002, SB31, SB46, SB48, SB52, SB67, SB72, SB75, SB78, SB79, SB82 through SB84, SB86 through SB93, SB100 through SB104, and SB106 through SB110.

Fixed based laboratory analyses showed that 20 of the samples submitted for laboratory analysis (SB01, SB09, SB11, SB14, SB31. SB36, SB41, SB42, SB47, SB63 through SB66, SB80, SB85, SB86, SB96 through SB98, and SB105) produced concentrations of petroleum constituents greater than their respective FDEP SCTLs. Petroleum constituents detected in excess of their SCTLs included Total Recoverable Petroleum Hydrocarbons (TRPH), the volatiles benzene, chlorobenzene, ethylbenzene, and methylene chloride, and the semivolatile organics 1-methylnaphthalene, 2-methylnaphthalene, acenaphthalene, benzo(a)pyrene equivalents, and naphthalene. Six of the soil samples collected had concentrations in excess of three times (3x) the industrial FDEP SCTLs. Three of the soil samples collected were in excess of three times (3x) the industrial FDEP SCTLs for benzo(a)pyrene equivalents (0.7 mg/kg) including: JAX25-SB01 at 10.186 milligrams per kilogram (mg/kg), JAX25-SB31 at 2.224 mg/kg, and JAX25-SB96 at 2.11 mg/kg. Four of the soil samples collected were in excess of three times (3x) the industrial FDEP SCTLs for TRPH (2,700 mg/kg) including: JAX25-SB01 at 8,400 mg/kg, JAX25-SB31 at 15,300 mg/kg, JAX25-SB64 at 14,500 mg/kg and JAX25-SB85 at 12,000 mg/kg.

The groundwater assessment and quarterly monitoring results indicated petroleum constituents in soils are not reflected in groundwater. As such, the Site Assessment Report (SAR) recommended that RMO II with land use controls (LUCs) be implemented at the site (FDEP 62-770.680(2)(c)1.b.) to prohibit residential use, to maintain the 2 feet of existing soil cover and/or pavement over the locations exceeding industrial SCTLs, and to prevent excavation of contaminated soil without proper controls being in place to limit exposure to site workers to contaminated media.

Groundwater samples from JAX25-MW01 through JAX25-MW05, JAX-25-MW07, JAX25-MW09, JAX25-MW11, JAX25-MW12, and JAX25-MW13 were collected on December 6 and 7, 2005. Samples for monitoring wells JAX25-MW14 and JAX25-MW15 were collected on April 25, 2006, after the installation of JAX25-MW14. Quarterly groundwater samples from select monitoring wells were collected from

July 2007 to November 2008. Samples were collected from JAX25-MW01 through JAX25-MW05, JAX-25-MW07, JAX25-MW09, and JAX25-MW11 through JAX25-MW15 on July 5 and 6, 2007. Samples were collected from JAX25-MW01 through JAX25-MW05, JAX-25-MW07, JAX25-MW09, JAX25-MW11 through JAX25-MW15, JAX25-MW16I, JAX25-TF-MW03, JAX25-TF-MW04, and JAX25-TF-MW11 on May 13 to 16, 2007. Samples were collected from JAX25-MW01 through JAX25-MW04, JAX-25-MW07, JAX25-MW09, JAX25-MW11 through JAX25-MW15, JAX25-MW16I, JAX25-TF-MW03, JAX25-TF-MW11 and JAX25-TF-MW48 on August 12 and 13, 2007. Samples were collected from JAX25-MW03, JAX25-MW09, JAX25-MW16I, and JAX25-TF-MW11 on November 12, 2007.

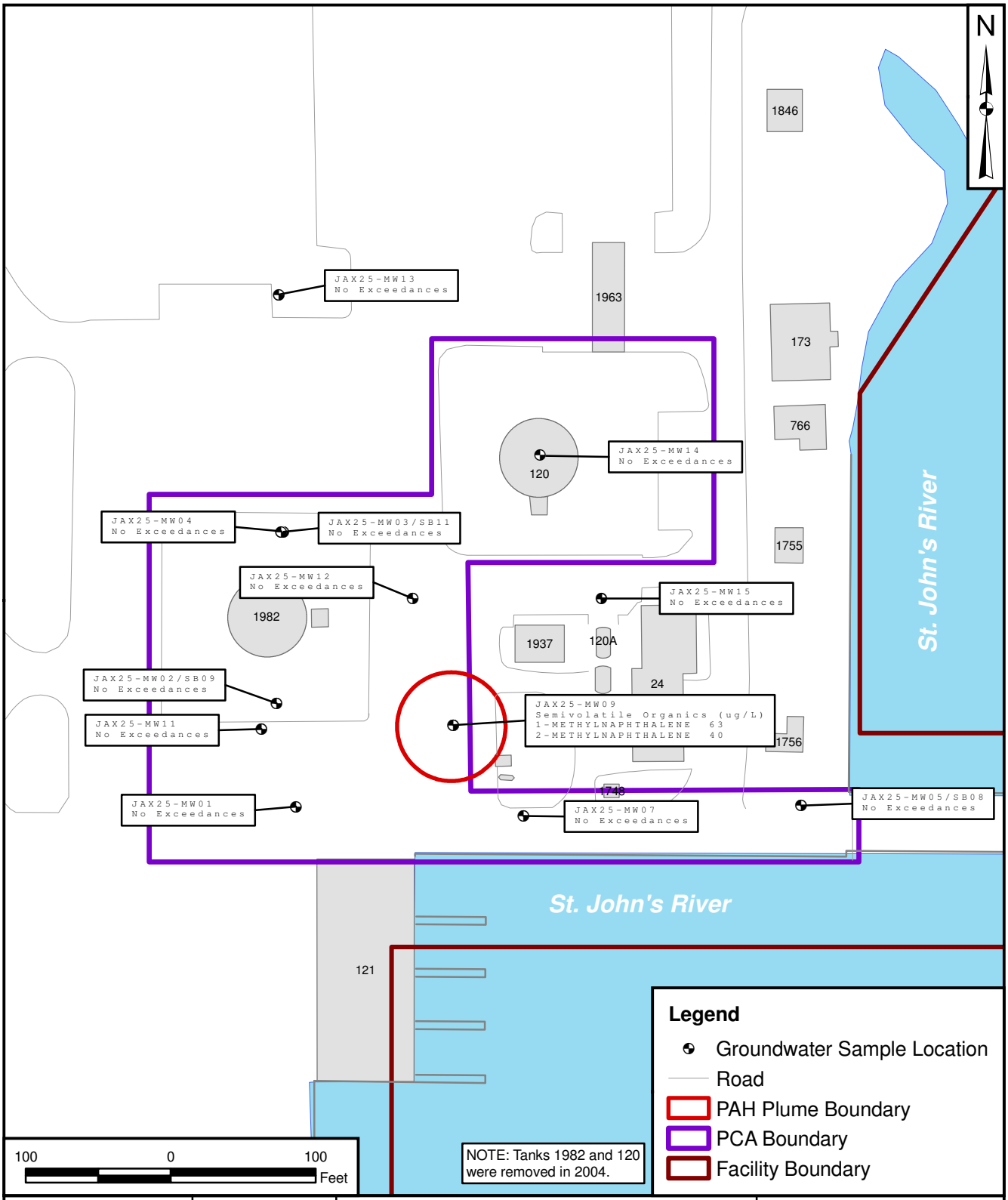
No analyzed constituents were reported at concentrations exceeding GCTLs in samples collected from the permanent monitoring wells installed and sampled during the 2005 and 2006 sampling events, except in the sample collected from JAX-PCA25-MW09 on December 7, 2005. 1-methylnaphthalene and 2-methylnaphthalene were detected at 60 micrograms per liter (µg/L) and 40 µg/L, exceeding their respective GCTLs of 28 µg/L. The locations of the monitoring wells and constituent concentrations reported in groundwater samples collected from the site wells during the initial groundwater assessment are illustrated in Figure 2-3.

Quarterly groundwater monitoring was conducted between July 2007 and November 2008. Lead was detected at 29 µg/L in July 2007 and 20 µg/L in May 2008, exceeding the FDEP GCTL of 15 µg/L in JAX25-MW03. There were no exceedances in the August 2008 or November 2008 sampling events for lead. Benzo(a)anthracene was detected at 0.052 µg/L in August 2008, exceeding the FDEP GCTL of 0.05 µg/L in JAX25-MW15. JAX25-MW15 had no exceedances in July 2007 and May 2008, and was not sampled in November 2008. 1-Methylnaphthalene and 2-methylnaphthalene were detected at 56 µg/L and 57 µg/L in May 2008, exceeding their respective GCTLs of 28 µg/L in JAX25-MW09. Benzene was detected at 1.2 µg/L in August 2008, exceeding the FDEP GCTL of 1 µg/L in JAX25-MW09. Benzo(b)fluoranthene was detected at 0.054 µg/L in May 2008, exceeding the FDEP GCTL of 0.05 µg/L in JAX25-MW16I. Vinyl chloride was detected at 1.4 µg/L in May 2008, exceeding the FDEP GCTL of 0.05 µg/L in JAX25-MW16I. There were no exceedances of FDEP GCTLs at JAX-MW16I in August and November 2008. Vinyl chloride was also detected in excess of the FDEP GCTL in JAX25-TF-MW11 at 3.4 µg/L in May 2008, at 6.1 µg/L in August 2008, and at 3.8 µg/L in November 2008. The locations of the monitoring wells and constituent concentrations reported in groundwater samples collected from the site wells during the quarterly groundwater monitoring are illustrated in Figure 2-4.

Groundwater flows to the south and southeast at the site towards a bulkhead along the St. Johns River. This bulkhead extends to a clay layer noted in the site lithology, and prevents shallow groundwater at the site from discharging directly to the St. Johns River, providing an effective groundwater engineering control. By preventing migration of site related contaminants to the St. Johns River, the bulkhead could

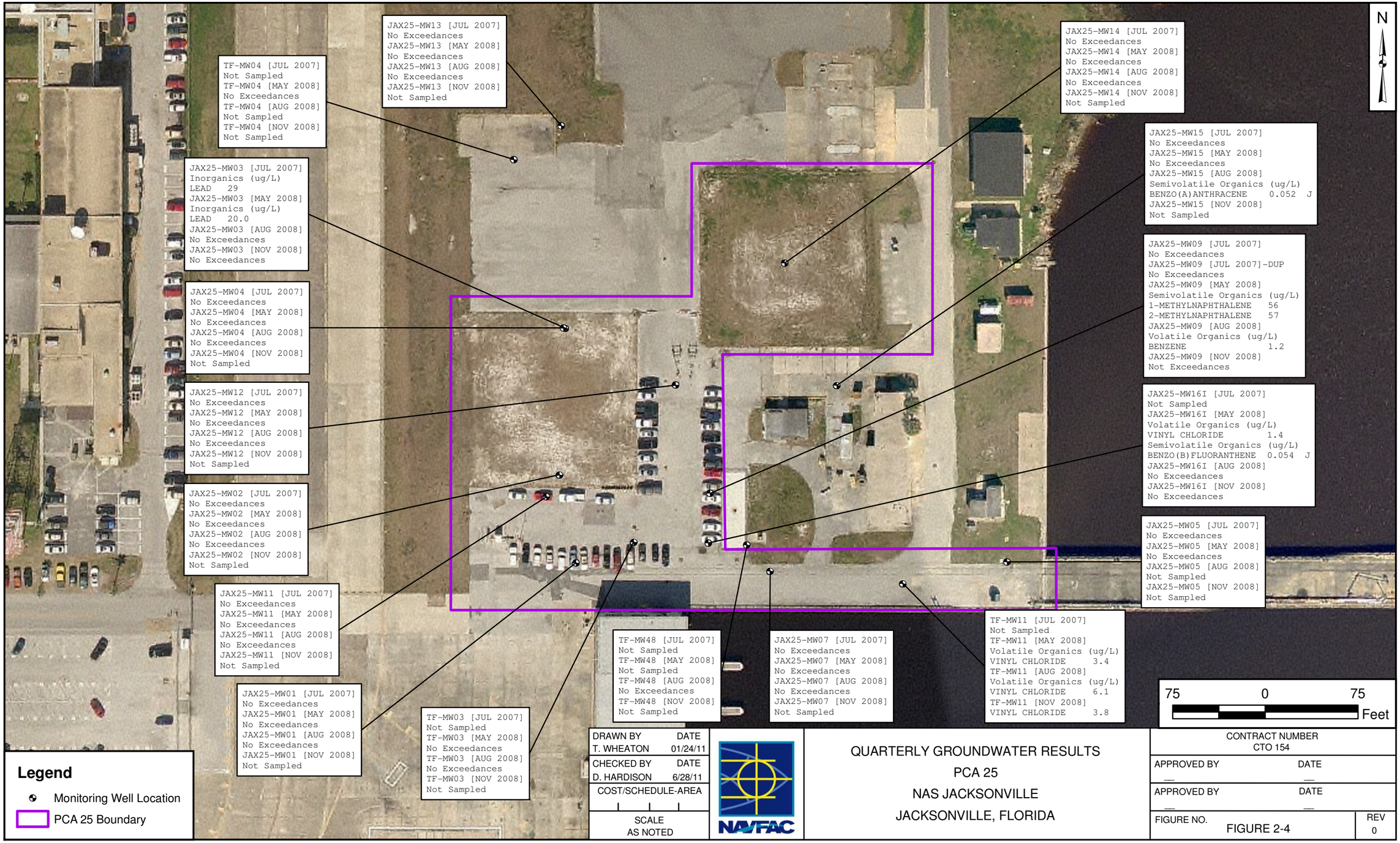
serve as an engineering control and the basis for a groundwater remedy under RMO II (FDEP 6 2-770.680(2)(d)2.). However, due to the sporadic detections, relatively low concentrations of contaminants in groundwater at the site, and recent monitoring data that indicates exceedances are limited to one well (JAX25-TF-MW11, with vinyl chloride detected at 3.8 µg/L in November 2008), the SAR h as recommended to continue monitoring for natural attenuation at the site for an additional four quarters to determine if closure under RMO I (No Further Action without Controls) is possible.

PGH P:\GIS\JACKSONVILLE_NAS\MXD\PCA25_GW_PAH_TAG.MXD 6/28/11 KM



DRAWN BY	DATE			CONTRACT NUMBER
K. MOORE	6/23/11		INITIAL INVESTIGATION	CTO 0154
CHECKED BY	DATE		GROUNDWATER RESULTS	APPROVED BY / DATE
D. HARDISON	6/28/11		PCA 25	___ / ___
REVISED BY	DATE		NAS JACKSONVILLE	APPROVED BY / DATE
			JACKSONVILLE, FLORIDA	___ / ___
SCALE AS NOTED		NAVFAC		FIGURE NO. 2-3 / REV 0

P:\GIS\JACKSONVILLE_NAS\MXD\PCA25_GW_TAGS.MXD 6/28/11 KM



DRAWN BY	DATE
T. WHEATON	01/24/11
CHECKED BY	DATE
D. HARDISON	6/28/11
COST/SCHEDULE-AREA	
SCALE AS NOTED	

NAVFAC

QUARTERLY GROUNDWATER RESULTS
PCA 25
NAS JACKSONVILLE
JACKSONVILLE, FLORIDA

CONTRACT NUMBER
CTO 154

APPROVED BY — DATE —

APPROVED BY — DATE —

FIGURE NO. FIGURE 2-4 REV 0

3.0 SAMPLING RATIONALE AND ANALYSIS PLAN

3.1 SAMPLING OBJECTIVES

3.1.1 Problem Statement

Tank 120 and Tank 1982 and the majority of their associated piping were removed as a part of tank closure activities for Site 119 in April and May of 2004. Contaminated soil and groundwater was encountered and sampled at the time of closure activities. A site assessment and quarterly monitoring confirmed groundwater contamination at the site. Lead is present in monitoring well JAX25-MW03 exceeding its FDEP GCTL (15 µg/L), but less than the Natural Attenuation Default Criteria of 150 µg/L. Benzo(a)anthracene is present in monitoring well JAX25-MW15 exceeding its FDEP GCTL (0.05 µg/L), but below the Natural Attenuation Default Criteria of 5 µg/L. Benzo(b)fluoranthene is present in monitoring well JAX25-MW16I exceeding its FDEP GCTL (0.05 µg/L), but below the Natural Attenuation Default Criteria of 5 µg/L. 1-methylnaphthalene and 2-methylnaphthalene were present in monitoring well JAX25-MW09 exceeding their respective FDEP GCTL (28 µg/L), but less than their Natural Attenuation Default Criteria of 280 µg/L. Benzene is present in monitoring well JAX25-MW09 exceeding the FDEP GCTL (1 µg/L), but less than the Natural Attenuation Default Criteria of 100 ppb. Vinyl chloride is present in monitoring wells JAX25-MW16I and JAX25-TF-MW11 exceeding the FDEP GCTL (1 µg/L), but less than the Natural Attenuation Default Criteria of 100 ppb. No other compounds have been detected in groundwater exceeding GCTLs. In order to provide confirmation, all samples collected for groundwater will be analyzed for these constituents as part of this Work Plan.

The site is located at the end of Albermarle Avenue east of Taxiway Bravo near the NAS Jacksonville boathouse located on the St. Johns River. The groundwater plume appears to be stable or reducing, and downgradient migration is controlled by the seawall. The seawall prevents shallow groundwater at the site from discharging directly to the St. Johns River, providing an effective groundwater engineering control and the basis for a groundwater remedy under RMO II (FDEP 62-770.680(2)(d)2.). It is likely that impacted soils remain at PCA 25 that served as a source for groundwater contamination; however, the data indicates that impacts from these presumed sources are attenuating over time. Due to the sporadic detections, relatively low concentration of contaminants in groundwater at the site, and recent monitoring data that indicates exceedances are limited to one well, JAX25-TF-MW11, with vinyl chloride detected at 3.8 µg/L in November 2008, the SAR recommended to continue monitoring for natural attenuation at the site for an additional four quarters to determine if closure under RMO I (No Further Action without Controls) is possible. Currently, the site poses limited risks, and these risks are controlled by engineering controls including the seawall, pavement, and controlled access.

3.1.2 Project Objective

The project objective at PCA 25 is to determine, 1) whether groundwater at PCA 25 is eligible for No Further Action without Controls under RMO I (i .e., no exceedances of GCTLs for four quarters, including previous monitoring data) as defin ed in FDEP Chapter 62-770, F.A. C.; 2) if No Furth er Action with Institu tional Controls under RMO II will be required, or 3) if continued monitoring to assess MNA is appropriate.

The preliminary remedial goals (PRGs) for PCA 25 are listed in Table 3-1 and were developed from the FDEP GCTLs for chemicals of concern (COCs) at the site. JAX25-TF-MW11 is the only well close to the St. Johns River with an exceedance of the FDEP GCTL for vinyl chl oride. The FDEP Marine Surface Water Criteria for vinyl chloride is 2.4 µg/L, which is greater than the FDEP GCTL so the lower value was used. Groundwater monitoring will continue until the PRGs are attained or, unless during an annual or the five-year review, site conditions suggest that a different cleanup method should be considered.

TABLE 3-1

**PRELIMINARY REMEDIATION GOALS FOR GROUNDWATER COCS
GROUNDWATER MNA WORK PLAN FOR PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA**

COC	Groundwater GCTLs[1] (µg/L)
Chlorinated VOCs	
Vinyl Chloride	1
Petroleum Compounds	
Benzene	1
PAHs	
1-Methylnaphthalene	28
2-Methylnaphthalene	28
Benzo(a)anthracene	0.05
Benzo(b)fluoranthene	0.05
Metals	
Lead	15

Notes:
(1) Obtained from FDEP Table I " Groundwater and Surface Water Cleanup Target Levels", Chapter 62-777, FAC (FDEP, 2005).
COCs = contaminants of concern
PAHs = polynuclear aromatic hydrocarbons
PRG = preliminary remediation goals
VOCs = volatile organic compounds
µg/L = micrograms per liter

3.1.3 Field Objective

The following field objectives will be implemented to achieve the project objectives.

- Collect quarterly groundwater samples to determine, 1) if groundwater COC concentrations exceed respective GCTLs or Marine Surface Water Cleanup Target Levels in wells that showed exceedances during the previous four quarters of monitoring, and 2) the trend of COC concentrations in wells having exceedances.

3.1.4 Site Boundary

The proposed site boundary is a polygon that encompasses the former locations of Tanks 120 and 1982 and a southeasterly groundwater flow direction. The site boundary is identified on Figure 3-1.

3.1.5 Sample and Analysis Approach

The sample and analysis approach for the study is designed to fulfill the FDEP criteria of Risk-based Corrective Action (RBCA) RMO Level I per Chapter 62-770, F.A.C. and will be conducted in accordance with the Sampling and Analysis Plan for OU3 in which PCA 25 was included (Tetra Tech, 2010). To evaluate these objectives, the following sample and analysis approach will be performed:

(1) Collect groundwater samples for laboratory analysis from the following monitoring and recovery wells and monitor for one year: See Figure 3-1 for well locations.

JAX25-MW03 JAX25-MW09 J AX25-MW15 JAX25-MW16I JAX25-TF-MW11
JAX25-MW13 (upgradient well)

If groundwater impacts are present, determine if the COC concentrations are increasing, decreasing, or stable. Additionally, determine if the COCs present at the PCA 25 continue to be limited to the source area and not migrating off site. Intermediate monitoring well JAX25-MW16I will be used to verify vertical extent.

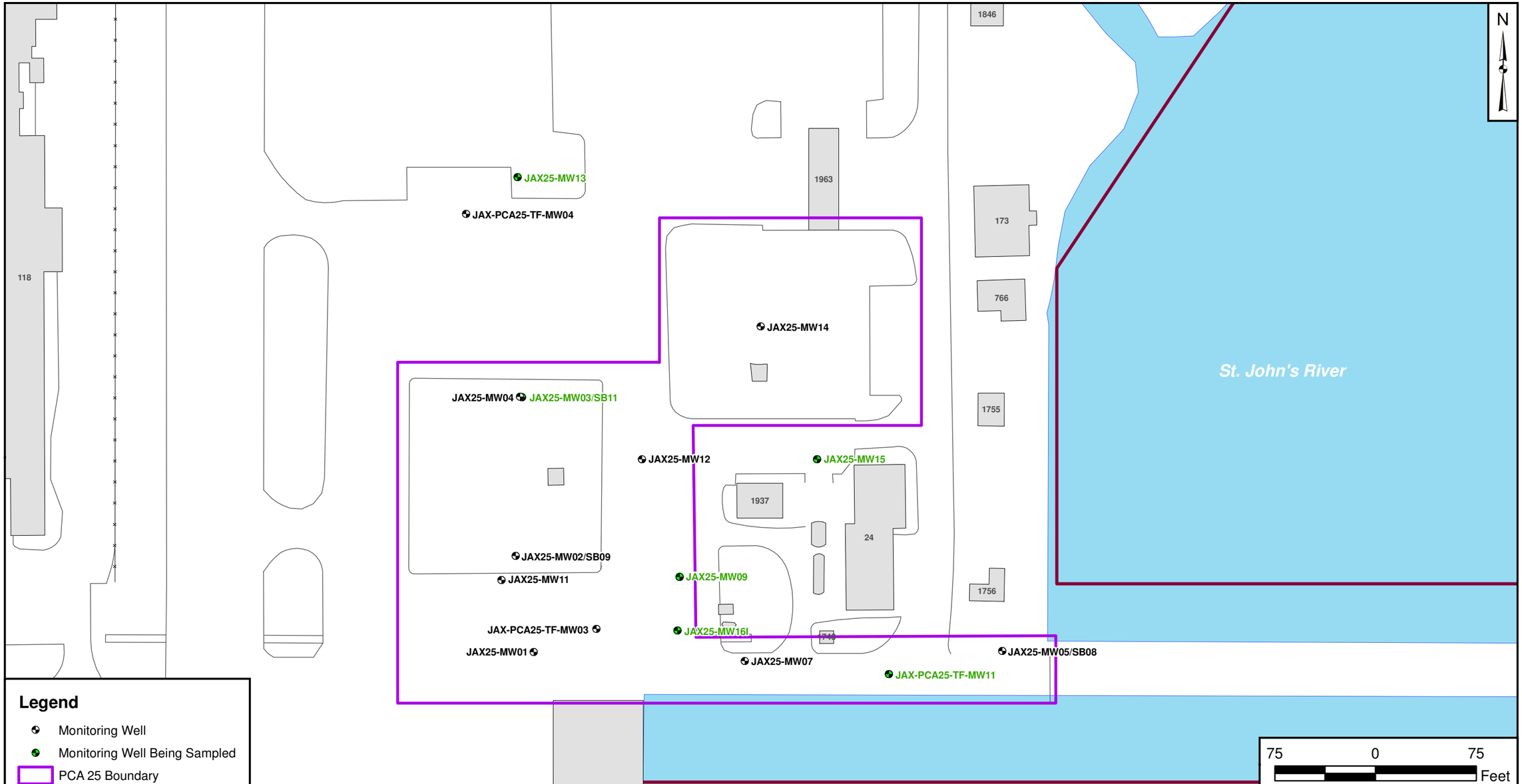
3.2 FIELD ACTIVITIES

Groundwater sampling field activities are discussed in this section.

3.2.1 Groundwater Sampling

The objectives of the quarterly groundwater monitoring event is to collect groundwater samples in six locations and include five shallow monitoring wells and one intermediate monitoring well (JAX25-MW16I) as stated in Section 3.1.5. Groundwater conditions will be assessed at the end of one year to

P:\GIS\JACKSONVILLE_NAS\MXD\PCA25_GW_FLOW.MXD 6/23/11 KM



DRAWN BY T. WHEATON	DATE 01/25/11	GROUNDWATER MONITORING WELL LOCATIONS PCA 25 NAS JACKSONVILLE JACKSONVILLE, FLORIDA	CONTRACT NUMBER CTO 0154
CHECKED BY D. HARDISON	DATE 7/7/11		APPROVED BY — DATE —
COST/SCHEDULE-AREA			APPROVED BY — DATE —
SCALE AS NOTED			FIGURE NO. 3-1 REV 0

determine if the groundwater at PCA 25 qualifies for No Further Action with institutional controls as established according to the FDEP criteria of RBCA RMO Level I per Chapter 62-770, F.A.C. Monitoring well locations are shown in Figure 3-1.

Quarterly field efforts will be conducted for the collection of six groundwater samples to be submitted to a Department of Defense National Environmental Laboratory Accreditation Program accredited laboratory. Depths to groundwater for shallow wells sampled will be measured at all PCA 25 wells (see Figure 3-1), and groundwater contour maps will be created for the annual monitoring report.

3.2.1.1 Groundwater Sampling Procedures

Groundwater sampling will be conducted in general accordance with FDEP Standard Operating Procedures (SOPs) DEP-SOP-001/01 adopted in 2008. A minimum one well volume will be pumped from each well (partially submerged screen) using a peristaltic pump and the low flow quiescent purging method.

Peristaltic pumps with an FDEP-approved tubing set-up will be used for sample collection. Groundwater samples to be analyzed for VOCs will be collected using the "straw method" and discharged into the appropriate sample bottles for analysis. Samples requiring preservation will be collected in pre-preserved bottles provided by the laboratory. Pertinent sampling data will be recorded on the appropriate sample log sheet and general information will be recorded in the field logbook. See Appendix A for field data sheets.

3.2.1.2 Groundwater Sample Handling

Table 3-2 presents the specifications for analytical methods, preservation, and holding times to be followed for this project. Sample handling procedures will be in accordance with FDEP SOP 001/01 FS 1000 and FS 2200.

Samples requiring preservation will be collected in pre-preserved vials provided by the laboratory. All samples will be stored on ice in a closed cooler to insure appropriate thermal preservation. Pertinent sampling data will be recorded on the appropriate sample log sheet and general information will be recorded in the field logbook. See Appendix A for field data sheets.

TABLE 3-2

**SUMMARY OF AQUEOUS SAMPLE ANALYTICAL REQUIREMENTS
GROUNDWATER MNA WORK PLAN FOR PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA**

PARAMETER	PREPARATION/ ANALYTICAL METHOD	SAMPLE VOLUME	BOTTLE WARE	PRESERVATION REQUIREMENTS	HOLDING TIME
VOCs	USEPA SW-846 5030B/ 8260B	3 x 40 mL	Glass vial, plastic screw cap with Teflon® –lined septum	Cool to 4 °C, zero headspace, HCl to pH 2, keep in dark HCl	14 days from sampling to analysis
PAHs including 1-methylnaphthalene and 2-methylnaphthalene	USEPA SW-846 8270 SIM	2 x 1 Liter	Amber glass Teflon® –lined screw cap	Cool to 4°± 2 °C	7 days to preparation; 40 days to analysis
TRPH	FL-PRO	2 x 1 Liter	Amber glass Teflon® –lined screw cap	Cool to 4 °C, HCl or H_2SO_4 to pH 2, keep in dark	7 days to extraction 40 days from extraction to analysis
Lead	USEPA SW-846 6010B	1 x 500 mL	Polyethylene	Cool to 4 °C, HNO_3 to pH 2,	180 days

Notes:
°C = Degree Celsius
H_2SO_4 = Sulfuric acid
mL = Milliliter
HCl = Hydrochloric acid
HNO_3 = Nitric acid
USEPA = United States Environmental Protection Agency
FL-PRO = Florida Residual Petroleum Organic

3.3 LABORATORY ANALYSIS AND QUALITY ASSURANCE/QUALITY CONTROL SAMPLES

As part of the analytical program, quality assurance/quality control (QA/QC) samples will be collected during groundwater activities as described in this section. The field sampling team will provide the appropriate additional sample volume as prescribed by the laboratory requirements for laboratory duplicate and matrix spike (MS) samples.

Rinsate blanks are collected to determine whether the source water and/or the decontamination process have introduced contaminants to the environmental samples collected. The additional samples for analysis of the MS/matrix spike duplicates (MSD) will be collected with a frequency of 1 per 20 samples per matrix. The frequencies for the collection of the field QC samples are detailed in Table 3-3.

TABLE 3-3

**FREQUENCY OF FIELD QC SAMPLES
GROUNDWATER MNA WORK PLAN FOR PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA**

Type Of Samples	Frequency
Rinsate Blank	1 per 20 samples per matrix
Trip Blank	Submitted with cooler containing VOCs
MS/MSD	1 per 20 samples per matrix
Temperature Blank	1 per cooler

3.3.1.1 Rinsate Blanks

Rinsate blanks are sampling vials or bottles filled with laboratory grade deionized water that has been poured and collected from a decontaminated piece of sampling equipment. Rinsate blanks can be collected from clean sampling tubing or any other piece of equipment that comes in contact with the sample media during the course of sample collection.

3.3.1.2 Trip Blanks

Trip blank samples are 40-mL glass vials that contain analyte-free water and are prepared by the analytical laboratory prior to the start of field activities. Trip blanks will be stored in a sealed container until they are needed. During sampling activities, one trip blank consisting of one vial will be placed in each cooler that contains environmental samples destined for VOC analysis. Trip blanks are only analyzed for VOCs using USEPA Method 8260.

3.3.1.3 MS/MSD

MS and MSDs are collected are collected in conjunction with normal groundwater samples. Two extra sets of samples are collected for each parameter and submitted to the laboratory. The laboratory utilizes the MS and MSDs to validate the accuracy of the laboratory analytical equipment.

3.3.1.4 Temperature Blanks

Temperature blanks are vials of water inserted into each cooler. The temperature of the temperature blank is measured prior to shipping the cooler to the laboratory and upon receipt at the laboratory to verify that samples were properly cooled during transit.

4.0 SAMPLING PROTOCOL

The planned activities include the following general categories of field assessment activities:

- Collection of groundwater samples
- Sample management
- Field QC, documentation, and record keeping
- Investigative derived waste (IDW) management

4.1 STANDARD OPERATING PROCEDURES

Field activities will be conducted in accordance with the Site-Specific Health and Safety Plan and the FDEP SOPs for field activities (FDEP, 2008). In the event the FDEP SOPs do not apply to a specific task, the contractor will defer to corporate SOPs or NAVFAC SE guidance.

These guidelines will be followed to ensure the data is consistent with regulatory requirements and meet the data quality objectives. A copy of the above-referenced guidance documents along with this Work Plan will be maintained on site by the contractor field personnel at NAS Jacksonville and will be reviewed with the field team before work begins.

4.2 FIELD TEAM ORGANIZATION

The field team will consist of staff members who will conduct the field assessment activities. The organization of the field team is described below.

- The Field Operations Leader (FOL) is responsible for the day-to-day direction of personnel in the field. The FOL will assign tasks to field team personnel, direct the sequence of activities, coordinate with NAS Jacksonville personnel, coordinate subcontractors, and review tasks in progress and those completed. The FOL will ensure that project-specific plans are implemented and that activities comply with appropriate guidelines.

- The Site Safety Officer (SSO) is responsible for ensuring that proper health and safety procedures are identified and implemented for the project and that project-related health and safety incidents are properly investigated. In the event that only a small number of project staff are required on site, the duties of the SSO may be assigned to the FOL or another member of the field team. The SSO or designee will report directly to the Health and Safety Manager (HSM).

- The Field Geologist or Field Scientist will oversee environmental sampling activities. Duties will include environmental sample collection and handling and ensuring that the approved methods are implemented. The field geologist may also conduct tests for identifying subsurface conditions and characterizing the groundwater flow regime.

- Sampling personnel will be responsible for properly locating, collecting, preserving, packaging, documenting, and shipping environmental samples to the laboratory.

Mobilization

Mobilization shall consist of the delivery of all equipment, materials, and supplies to the site, the complete assembly in satisfactory working order of all such equipment at the site, and the satisfactory storage at the site of all such materials and supplies. Site-specific Health and Safety Training for all Tetra Tech subcontractors will be provided as part of the site mobilization.

In addition, Tetra Tech will coordinate with the NAS Jacksonville POC to identify locations for the storage of equipment and supplies. A list of the steps to be taken includes the following:

- Select staging areas for equipment and IDW.
- Select decontamination area(s).
- Complete security procedures for project to gain access to NAS Jacksonville.

4.3 FIELD LOGBOOKS AND FORMS

Field logbooks and standard data collection forms will be completed for field assessment activities, including sample description and data collection activities. These forms include sample log sheets (for groundwater samples), and equipment calibration logs. Copies of these forms can be found in Appendix A.

A bound, weatherproof field logbook shall be maintained by each sampling event leader. The FOL or designee will record the information related to sampling or field activities. A site logbook shall be maintained by the FOL. This book will contain a summary of daily site activities. In addition, sample collection information will be recorded in bound field notebooks or specific field forms.

Field documentation will be performed in accordance with Tetra Tech SOP SA-6.3. A summary of all field activities will be properly recorded in a bound logbook with consecutively numbered pages that cannot be removed. Logbooks will be assigned to field personnel and will be stored in a secured area when not in use.

At a minimum, the following information will be recorded in the site logbook:

- Name of the person to whom the logbook is assigned.
- Project name.
- Project start date.
- Names and responsibilities of on-site project personnel including subcontractor personnel.
- Arrival/departure of site visitors.
- Arrival/departure of equipment.
- Sampling activities and sample log sheet references.
- Description of subcontractor activities.
- Sample pick-up information, including chain-of-custody numbers, air bill numbers, carrier, time, and date.
- Description of borehole or monitoring well installation activities and operations.
- Health and safety issues.
- Description of photographs including date, time, photographer, roll and picture number, location, and compass direction of photograph.

All entries will be written in ink and no erasures will be made. If an incorrect entry is made, striking a single line through the incorrect information will make the correction; the person making the correction will initial and date the change.

At the completion of field activities, the FOL will submit to the Project Manager the field records, data, field logbooks, site logbooks, chain-of-custody receipts, sample log sheets, daily logs, and other such forms.

4.4 GROUNDWATER LEVEL MEASUREMENTS

Measurement of the depth to water in monitoring wells will be performed in accordance to FDEP SOPs section DEP-SOP-001/01 FS 2200 (FDEP, 2008). A minimum of one complete round of water level measurements will be obtained from site monitoring wells per monitoring event. Measurements will be collected at least 24 hours after well development or purging using an electrical water level indicator. A permanent reference point on the top of each well casing will be used for determining the depth to water. Measurements will be recorded on a field water level measurement sheet (see Appendix A) and in the field logbook to the nearest 0.01 foot. Static water levels will be measured in each well before any fluid is withdrawn.

4.5 GROUNDWATER SAMPLING

The groundwater samples will be colle cted using the procedures as spe cified in FDEP SOP FS 2000 (FDEP, 2008).

Groundwater samples will be imm ediately placed into laboratory-supplied containers. The samples will be labeled, preserved on ice, and transported to the laboratory. Groundwater samples will be analyzed for VOCs, PAHs (i ncluding 1-methylnaphthalene and 2-methylnaphthalene), TRPH, and lead. QA/QC specifications are summarized in Table 4-1.

TABLE 4-1

**FIELD QA/QC SPECIFICATIONS
GROUNDWATER MNA WORK PLAN FOR PCA 25
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA**

Analysis	Control Parameter	Control Limit	Corrective Action	FDEP SOP Number
pH of water	Continuing calibration check of pH 7.0 buffer	pH = 7.0 ± 0.1	Recalibrate. If unable to calibrate, replace electrode.	FT 1100
Specific conductance of water	Continuing calibration check of standard solution	± 1% of standard	Recalibrate.	FT 1200
Temperature of water	Check against NIST precision thermometer	± 0.1 ^{o}C at two different temperatures	Reset thermistors in accordance with manufacturer's specifications; dispose of inaccurate thermometer.	FT 1400
Dissolved oxygen	Continuing dissolved oxygen determinations	Calibration to manufacturer's specifications	Recalibrate.	FT 1500
Turbidity	Continuing measurement of the scattering effect that suspended solids have on the propagation of light through a body of water	Calibration to manufacturer's specifications	Recalibrate.	FT 1600

Notes:
NIST = National Institute of Standards and Technology.

4.6 FIELD MEASUREMENTS

Field measurements to be recorded during field and sampling operations include screening breathing air around the workspa ce area, and screenin g air q uality within the well casin g. In a ddition, field measurements of grou ndwater temperature, pH, turbi dity, specific conductance, dissolved oxygen, and water levels will be taken. Use of the following instruments during the field activities is anticipated:

- Photoionization detector (PID)
- YSI 556 water quality data meter (or equivalent)
- Electronic water-level meter
- LaMotte 2020 turbidity meter (or equivalent)

Field instruments shall be calibrated in accordance with the manufacturer's recommendations and the following:

- YSI 556 water quality meters (or equivalent) are commonly used in place of separate temperature, conductivity, pH, and dissolved oxygen meters. This device can record six separate parameters and is calibrated daily prior to using.
- LaMotte 2020 turbidity meters are used to give a more accurate measurement of turbidity. This device will be calibrated before each day's use.
- PIDs will be calibrated as per the manufacturer's recommendations.

Instrument calibration is recorded on an Equipment Calibration Log Sheet provided in Appendix A. During calibration, a maintenance check is performed on each piece of equipment. If damaged or defective parts are identified during the maintenance check and it is determined that the damage could have an impact on the instrument's performance, the instrument will be removed from service until the defective parts can be repaired or the instrument replaced.

4.6.1 Field Instrument Control Limits

QA/QC specifications for field measurements are summarized in Table 4-1. This table shows the control parameters to be assessed, control limits, and corrective actions to be implemented. The FOL will review field forms and field logbook entries for indications of measurement data outside of the control range.

4.6.2 Manufacturers' Specifications

The FOL shall collect copies of the available manufacturers' specifications and material safety data sheets, if applicable, for supplies and equipment that are used in the collection of environmental samples. This shall apply, but not be limited, to the following:

- Calibration gases
- Sample containers
- Decontamination solvents and detergents
- Laboratory-grade/analyte-free water

- Reagents
- Tubing

The manufacturers' specifications shall be included in the project files at the end of the field mobilization.

4.7 DECONTAMINATION PROCEDURES

The decontamination of equipment will minimize the spread of contamination to clean zones, reduce cross-contamination of samples when equipment is used at more than one sampling location, and minimize exposure to site personnel. FDEP SOPs for decontamination (FDEP-SOP FC 1000) will be followed (FDEP, 2008).

4.7.1 Groundwater Sampling Equipment

Peristaltic pumps will be used to purge and collect water samples. FDEP approved sampling tubing will be used for each sampling location. Water level indicators will be used to monitor water levels in the monitoring wells during sampling. Water level indicators will be cleaned in general accordance with FDEP SOP FC 1000 between each sampling location (FDEP, 2008).

4.8 SAMPLE HANDLING

4.8.1 Sample Containers, Preservation, Holding Times, and Analysis

The samples containers, preservatives, holding times, and specific analysis are provided in Tables 3-1.

4.8.2 Laboratory Sample Identification

The sample identification system to be used in the field to identify each sample taken during the field effort will be in accordance with FDEP SOP FD 5000 (FDEP, 2008). The coding system provides a tracking record to allow the retrieval of information about a particular sample and to ensure that each sample is uniquely identified.

Each sample will be assigned a unique codified sample identification number. The unique nomenclature established for this sampling event is as follows:

1		2		3
JAX25	-	MWXX	-	YYYYMMDD

Sample nomenclatures for groundwater samples are as follows:

- JAX25 = NAS Jacksonville, PCA 25 (TF were applicable)
- MWXX = represents a groundwater sample where XX is the monitoring well number
- YYYYMMDD = year, month and day of sample collection

An example of the above nomenclature is as follows:

- A groundwater sample collected on August 29, 2011, from monitoring well JAX25-MW01 at PCA 25 would be represented by JAX25-MW01-20110829.

QA/QC samples required for the analytical program are summarized in Table 3-2. QA/QC samples collected during the field activities will be labeled in ascending order identifying the nature of the sample (rinsate, duplicate, MS/MSD). The following are examples of labeling for these samples:

- Rinsates: Rinsate samples will be labeled in ascending sequential order beginning with -01. For example, the first rinsate blank sample would be designated JAX25-RINSATE01-20110829.

- MS/MSD: MS/MSD samples will be labeled in ascending sequential order beginning with -01 for samples collected. An example of this is as follows: a second MS/MSD sample would be designated JAX25-MS02-20110829.

- Trip Blanks: Trip blank samples will be packaged in coolers containing VOC samples. Trip blanks will be labeled TRIPBLANK on the cooler's corresponding chain of custody form.

- Temperature Blanks: One temperature blank will be packaged in every cooler containing samples prior to laboratory delivery. Temperature blanks will be labeled TEMPBLANK.

Pre-preserved, certified-clean bottleware will be supplied by the subcontracted laboratory for all samples.

4.8.3 Sample Packaging and Shipping

Custody of samples must be maintained and documented at all times. Chain-of-custody begins with the collection of the samples in the field. FDEP SOP 001/01 FS 1000 and Tetra Tech SOP SA-6.3 provide a description of the chain-of-custody procedures to be followed (FDEP, 2008 and Tetra Tech, 2004).

Samples will be packaged and shipped in accordance with FDEP SOP 001/01 FS 1000: General Sampling Procedures and applicable sections of FS 2200 (FDEP, 2008).

The FOL will be responsible for completion of the following forms when samples are collected for shipping:

- Sample labels
- Chain-of-custody labels
- Appropriate labels applied to shipping coolers
- Chain-of-custody forms
- Federal Express air bills

FDEP SOP FS 1000 also addresses the topics of containers and sample preservation.

4.9 INVESTIGATION DERIVED WASTE

Purge water and decontamination water will be collected and containerized in a Department of Transportation approved (Specification 17C) 55 gallon drum (provided by NAS Jacksonville). A drum can be obtained by calling NAVFAC SE Public Works [John Brummett (904-542-5979)] who will coordinate delivery of a drum to PCA 25. The drum should arrive with appropriate waste profile information (which was provided during the initial request). Liquid wastes from PCA 25 are considered hazardous with NAS Jacksonville profile of IRJ16 (state this during your drum request). All decontamination and or sampling wastes generated during the site assessment will be containerized for proper disposal. Upon completion of each sampling event, the IDW drum can be disposed of by calling Mr. Brummett. Removal of the drum will usually occur within 1 to 3 days. Weekly inspections are required by the base for any drums left on site longer than 1 week. If this is necessary, contact the base environmental installation director (Tim Curtain at 904-542-4228) for specific requirements of the weekly inspection. Appropriate IDW documentation will be maintained in the project field log book.

4.10 FIELD ORGANIZATION

Experienced field personnel will perform the duties of the FOL. The FOL will be responsible for the coordination of on-site project personnel and will provide technical assistance when required. The FOL will coordinate and be present during sampling activities and will ensure the availability and maintenance of sampling materials/equipment. The FOL will be responsible for the completion of sampling and chain-of-custody documentation, will sign chain-of-custody forms for samples, and will ensure the proper handling and shipping of samples.

The QA Manager (QAM), although not formally identified as field personnel, will be responsible for adherence to QA/QC guidelines. Strict adherence to these procedures is required for the collection of acceptable and representative data.

The SSO will be designated before initiation of field activities and will be responsible for ensuring that field personnel adhere to health and safety requirements. The SSO will be present during intrusive field activities.

4.11 DELIVERABLES AND DATA MANAGEMENT

A project database will be initiated to promote the proper collection and storage of field data and documentation of activities. On-site data management will include recording of sampling and other activities in the field. All groundwater analytical data will be subjected to cursory validation. Data validator(s) will review the data to ensure that the analytical results were obtained through the approved methodology and that the appropriate levels of QC were followed. QA and QC methods are discussed in further detail in Section 3.3.

All project data will be loaded into the Naval Installation Restoration Information Solution data management system in order to preserve the referential integrity of the data. The QAM will appoint a QA Officer responsible for ensuring that QA/QC requirements are met and inspecting the work activities and project deliverables to ensure QC activities are not compromised.

The contractor will submit a semiannual and annual monitoring report summarizing the findings of the groundwater sampling events, summarizing data from the current and/or previous assessments, and provide recommendations for the site based on assessment observations.

5.0 PROJECT SCHEDULE

Field activities will commence within 1 month of approval of this document. Groundwater monitoring of the PCA 25 will be conducted quarterly with findings reported in a semiannual and annual monitoring reports.

REFERENCES

FDEP (Florida Department of Environmental Protection), 1999. Chapter 62-770, F.A.C., "Petroleum Contamination Site Cleanup Criteria". August.

FDEP, 2005. Technical Report: Development of Cleanup Target Levels for Chapter 62-777, F.A.C., Division of Waste Management, Tallahassee, Florida, February.

FDEP, 2008. Department of Environmental Protection Standard Operating Procedures for Field Activities DEP-SOP-001/01, Bureau of Laboratories Environmental Assessment Section, Tallahassee, Florida. March.

Tetra Tech (Tetra Tech NUS, Inc.), 2004. Corporate Standard Operating Procedures.

Tetra Tech, 2010. Sampling and Analysis Plan (Field Sampling Plan and Quality Assurance Project Plan), Remedial Investigation/Feasibility Study Addendum for Operable Unit 3, Naval Air Station Jacksonville, Jacksonville, Florida. May.

APPENDIX A

FIELD FORMS

Tetra Tech NUS, Inc.

PROJECT: _____ **JOB #:** _____
LOCATION: _____ **DATE:** _____
PROJECT MANAGER: _____ **FOL:** _____

DAILY ACTIVITIES CHECKLIST

Startup Checklist

Activity	Yes	No	N/A
Pertinent site activities/information entered into site logbook			
All onsite personnel listed in logbook			
Required medical information onsite for all workers (TtNUS and Subcontractors)			
Required MSDS's onsite			
Proper equipment calibrations performed (list equipment)			
1 _____			
2 _____			
3 _____			
4 _____			
Calibration logs filled out			
Tailgate H&S meeting held prior to beginning field activities			
Required work permits filled out/signed			
Required utility clearances obtained			
Required PPE onsite and in use			
Information required to be posted is in place			
(OSHA poster, hospital route, key phone numbers, etc.)			

Exit Checklist

Activity	Yes	No	N/A
Logbooks completely and comprehensively filled out			
Field forms complete and accounted for/properly filed			
Samples properly packaged/shipped			
COCs faxed to appropriate in-house personnel			
All equipment accounted for, on charge if needed, and properly secured			
All personnel accounted for			
Arrangements made for upcoming work (permits, clearances, equipment, etc.)			
Site properly secured			

Note - not all items listed apply to every job, and some additional requirements may apply on a job-specific basis.

Tetra Tech NUS, Inc.

DAILY ACTIVITIES RECORD

PROJECT NAME: _____ **PROJECT NUMBER:** _____

CLIENT: _____ **LOCATION:** _____

DATE: _____ **ARRIVAL TIME:** _____

Tt NUS PERSONNEL: _____ **DEPARTURE TIME:** _____

CONTRACTOR: _____ **DRILLER:** _____

ITEM	QUANTITY ESTIMATE	QUANTITY TODAY	PREVIOUS TOTAL QUANTITY	CUMULATIVE QUANTITY TO DATE

COMMENTS: _____

_____

_____

_____

APPROVED BY:

_____ _____

Tt NUS REPRESENTATIVE DRILLER

DATE: _____

Tetra Tech NUS, Inc.

EQUIPMENT CALIBRATION LOG

PROJECT NAME : _____ INSTRUMENT NAME/MODEL: _____

SITE NAME: _____ MANUFACTURER: _____

PROJECT No.: _____ SERIAL NUMBER: _____

Date of Calibration	Instrument I.D. Number	Person Performing Calibration	Instrument Settings		Instrument Readings		Calibration Standard (Lot No.)	Remarks and Comments
			Pre-calibration	Post-calibration	Pre-calibration	Post-calibration		

Tetra Tech NUS, Inc.

GROUNDWATER LEVEL MEASUREMENT SHEET

Project Name: _____ **Project No.:** _____

Location: _____ **Personnel:** _____

Weather Conditions: _____ **Measuring Device:** _____

Tidally Influenced: Yes ____ No ____ **Remarks:** _____

Well or Piezometer Number	Date	Time	Elevation of Reference Point (feet)*	Total Well Depth (feet)*	Water Level Indicator Reading (feet)*	Thickness of Free Product (feet)*	Groundwater Elevation (feet)*	Comments

* All measurements to the nearest 0.01 foot

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: _____
Project No.: _____

[] Domestic Well Data
[] Monitoring Well Data
[] Other Well Type: _____
[] QA Sample Type: _____

Sample ID No.: _____
Sample Location: _____
Sampled By: _____
C.O.C. No.: _____
Type of Sample:
[] Low Concentration
[] High Concentration

SAMPLING DATA:

Date:	Color	pH	S.C.	Temp.	Turbidity	DO	Salinity	Other
Time:	(Visual)	(S.U.)	(mS/cm)	(^{0}C)	(NTU)	(mg/l)	(%)	
Method:								

PURGE DATA:

Date:	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity	Other
Method:								
Monitor Reading (ppm):								
Well Casing Diameter & Material								
Type:								
Total Well Depth (TD):								
Static Water Level (WL):								
One Casing Volume(gal/L):								
Start Purge (hrs):								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):