N00158.AR.000260
NAS WILLOW GROVE
5090.3a

TETRA TECH NUS

PHIL- 21202

TO:	**RUSS TURNER**	**DATE:**	**JULY 10, 2007**
FROM:	**MEGAN RITCHIE**	**COPIES:**	**FILE**

SUBJECT: **ORGANIC DATA VALIDATION – VOC, SVOC, AND PESTICIDE/PCB**
NAS JRB WILLOW GROVE SITE 3, WILLOW GROVE, PENNSYLVANIA
SDG NO. C7E050116

SAMPLES: **1/Aqueous/**

TB-050407

7/Solid/

03TP11-0304-01	03TP11-0405-02	03TP12-0102-03	03TP12-0304-02
03TP12-0405-01	03TP13-0203-01	03TP14-0203-01	

OVERVIEW

The sample set for the NAS JRB Willow Grove Site 3 Test Pits – Willow Grove, PA, SDG C7E050116 consists of 7 solid environmental samples (designated 03TP11-, 03TP12-, 03TP13, and 03TP14-), and 1 field quality control (QC) blank (designated TB-). Sample 03TP11-0405-02 was designated for matrix spike/matrix spike duplicate (MS/MSD) analyses. No field duplicate pairs were included in this sample set. All samples except the trip blank were analyzed for select Volatile Organic Compounds (VOCs), Semivolatile Organic Compounds (SVOCs), Pesticides, and Polychlorinated Biphenyls (PCBs). The trip blank was analyzed for VOCs only.

The samples were collected by Tetra Tech NUS on May 4, 2007 and analyzed by Severn Trent Laboratories (STL) of Pittsburgh, Pennsylvania.

All analyses were conducted using EPA SW-846 Methods. VOCs were analyzed by 8260B, SVOCs by 8270C, and Pesticides by 8081, and PCBs by 8082.

SUMMARY

All analytes were successfully analyzed in all samples. The findings offered in this report are based upon a general review of all available data including data completeness, holding times until analysis, GC/MS tuning and calibration data, laboratory and field quality control blank results, system monitoring compound recoveries, matrix spike/matrix spike duplicate results, laboratory control spike/spike duplicate results, internal standards performance, compound identification, and compound quantitation.

MINOR PROBLEMS

- The following table summarizes the analytes detected as contaminants in the laboratory blanks at the maximum concentration indicated:

Compound	Maximum Concentration	Action Level
Methylene Chloride	1.6 ug/Kg	16 ug/Kg

Samples affected: The soil action levels apply to all soil samples.

Adjustments were made for the samples aliquot size, percent moisture, and dilution factors. Results reported at concentrations within the action level are qualified (B) and are considered to be false positives (artifacts of blank contamination).

- The detected and non-detected VOC results for soil sample 03TP14-0203-01 were qualified as estimated (J/UJ) because the system monitoring compound 4-bromofluorobenzene recovery was outside the lower control limit of 85%, respectively.
- The percent difference (%D) between the detected concentrations on two columns exceeded the QC criteria of ±25% for several pesticide compounds in samples 03TP12-0102-03, 03TP12-0304-02, 03TP12-0405-01, and 03TP13-0203-01. These compounds were qualified as estimated (J).
- Positive results at concentrations less than the reporting limits (RLs) were qualified as estimated (J).

N t s

Volatiles

The continuing calibration percent difference (%D) for 2-hexanone exceeded the QC criteria of 25%. No qualifications were made because there were no positive detections of 2-hexanone in the associated samples.

Recoveries for acetone and 2-hexanone exceeded the upper QC limits in the aqueous LCS. No qualifications were made because there were no detections of acetone nor 2-hexanone in the associated sample.

Semivolatiles

The initial calibration RSD for benzaldehyde exceeded the 30% criteria. No qualifications were made because there were no positive detections of these compounds.

Sample 03TP12-0102-03 was analyzed at a 50X dilution because the results for 1-methylnaphthalene, 2-methylnaphthalene, naphthalene, and phenanthrene exceeded the calibration range of the instrument. All results for this sample were reported from the diluted analysis. Because this sample was diluted, there were no surrogate recoveries to verify the extraction efficiency and method accuracy. No qualifications were made based upon no surrogate recovery.

Several MS/MSD recoveries were outside QC limits. No action was taken on MS/MSD samples alone.

The LCS recovery for 3+4-methylphenol exceeded the upper QC limit of 105%. No action was taken because these compounds were not detected in the soil environmental samples.

Pesticides

The retention times for surrogate decachlorobiphenyl were outside QC limits for in the initial calibration. The continuing calibration and sample surrogate retention times were within QC limits. No action was taken.

The endrin aldehyde recovery was below the lower QC limit in the MS/MSD. No action was taken.

EXECUTIVE SUMMARY

Lab ratory Performance: Methylene chloride was detected in the laboratory method blank. One VOC compound %D exceeded continuing calibration criteria. One SVOC compound RSD exceeded initial calibration criteria. Two LCS compound recoveries exceeded criteria in the VOC fraction. One LCS compound recovery exceeded criteria in the SVOC fraction.

Other Factors Affecting Data Quality: Several SVOC MS/MSD recoveries were outside QC criteria. One pesticide MS/MSD recovery was outside QC criteria. The detected pesticide concentrations between two columns exceeded QC criteria for several results.

The data for these analyses were reviewed with reference to the EPA "Functional Guidelines for Organic Data Review", as amended for use within EPA Region 3 (9/94).

The text of this report has been formatted to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the Functional Guidelines and the Quality Assurance Project Plan (QAPjP)."

Megan N. Ritchie

Megan N. Ritchie
Chemist

Russell Sloboda

Tetra Tech NUS, Inc.
Russell Sloboda
Data Validation Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Laboratory Analytical Results
3. Appendix C – Support Documentation

APPENDIX A

Qualified Analytical Results

PROJ_NO: 2192

SDG: C7E050116 MEDIA: SOIL DATA FRACTION: OV

nsample	03TP11-0304-01
samp_date	5/4/2007
lab_id	C7E050116005
qc_type	NM
units	UG/KG
Pct_Solids	84.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	5	U	
1,1,2,2-TETRACHLOROETHANE	5	U	
1,1,2-TRICHLOROETHANE	5	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	5	U	
1,1-DICHLOROETHANE	5	U	
1,1-DICHLOROETHENE	5	U	
1,2,3-TRICHLOROBENZENE	5	U	
1,2,4-TRICHLOROBENZENE	5	U	
1,2-DIBROMO-3-CHLOROPROPANE	5	U	
1,2-DIBROMOETHANE	5	U	
1,2-DICHLOROBENZENE	5	U	
1,2-DICHLOROETHANE	5	U	
1,2-DICHLOROPROPANE	5	U	
1,3-DICHLOROBENZENE	5	U	
1,4-DICHLOROBENZENE	5	U	
2-BUTANONE	5	U	
2-HEXANONE	5	U	
4-METHYL-2-PENTANONE	5	U	
ACETONE	20	U	
BENZENE	5	U	
BROMOCHLOROMETHANE	5	U	
BROMODICHLOROMETHANE	5	U	
BROMOFORM	5	U	
BROMOMETHANE	5	U	
CARBON DISULFIDE	5	U	
CARBON TETRACHLORIDE	5	U	
CHLOROBENZENE	5	U	
CHLORODIBROMOMETHANE	5	U	
CHLOROETHANE	5	U	
CHLOROFORM	5	U	
CHLOROMETHANE	5	U	
CIS-1,2-DICHLOROETHENE	5	U	

nsample	03TP11-0304-01
samp_date	5/4/2007
lab_id	C7E050116005
qc_type	NM
units	UG/KG
Pct_Solids	84.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CIS-1,3-DICHLOROPROPENE	5	U	
CYCLOHEXANE	5	U	
DICHLORODIFLUOROMETHANE	5	U	
ETHYLBENZENE	5	U	
ISOPROPYLBENZENE	5	U	
M+P-XYLENES	10	U	
METHYL ACETATE	5	U	
METHYL CYCLOHEXANE	5	U	
METHYL TERT-BUTYL ETHER	5	U	
METHYLENE CHLORIDE	5.1	B	A
O-XYLENE	5	U	
STYRENE	5	U	
TETRACHLOROETHENE	5	U	
TOLUENE	5	U	
TRANS-1,2-DICHLOROETHENE	5	U	
TRANS-1,3-DICHLOROPROPENE	5	U	
TRICHLOROETHENE	5	U	
TRICHLOROFLUOROMETHANE	5	U	
VINYL CHLORIDE	5	U	

nsample	03TP11-0405-02
samp_date	5/4/2007
lab_id	C7E050116006
qc_type	NM
units	UG/KG
Pct_Solids	84.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	5.3	U	
1,1,2,2-TETRACHLOROETHANE	5.3	U	
1,1,2-TRICHLOROETHANE	5.3	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	5.3	U	
1,1-DICHLOROETHANE	5.3	U	
1,1-DICHLOROETHENE	5.3	U	
1,2,3-TRICHLOROBENZENE	5.3	U	
1,2,4-TRICHLOROBENZENE	5.3	U	
1,2-DIBROMO-3-CHLOROPROPANE	5.3	U	
1,2-DIBROMOETHANE	5.3	U	
1,2-DICHLOROBENZENE	5.3	U	
1,2-DICHLOROETHANE	5.3	U	
1,2-DICHLOROPROPANE	5.3	U	
1,3-DICHLOROBENZENE	5.3	U	
1,4-DICHLOROBENZENE	5.3	U	
2-BUTANONE	5.3	U	
2-HEXANONE	5.3	U	
4-METHYL-2-PENTANONE	5.3	U	
ACETONE	21	U	
BENZENE	5.3	U	
BROMOCHLOROMETHANE	5.3	U	
BROMODICHLOROMETHANE	5.3	U	
BROMOFORM	5.3	U	
BROMOMETHANE	5.3	U	
CARBON DISULFIDE	5.3	U	
CARBON TETRACHLORIDE	5.3	U	
CHLOROBENZENE	5.3	U	
CHLORODIBROMOMETHANE	5.3	U	
CHLOROETHANE	5.3	U	
CHLOROFORM	5.3	U	
CHLOROMETHANE	5.3	U	
CIS-1,2-DICHLOROETHENE	5.3	U	

PROJ_NO: 2192

SDG: C7E050116 MEDIA: SOIL DATA FRACTION: OV

nsample	03TP11-0405-02
samp_date	5/4/2007
lab_id	C7E050116006
qc_type	NM
units	UG/KG
Pct_Solids	84.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CIS-1,3-DICHLOROPROPENE	5.3	U	
CYCLOHEXANE	5.3	U	
DICHLORODIFLUOROMETHANE	5.3	U	
ETHYLBENZENE	5.3	U	
ISOPROPYLBENZENE	5.3	U	
M+P-XYLENES	11	U	
METHYL ACETATE	5.3	U	
METHYL CYCLOHEXANE	5.3	U	
METHYL TERT-BUTYL ETHER	5.3	U	
METHYLENE CHLORIDE	7.2	B	A
O-XYLENE	5.3	U	
STYRENE	5.3	U	
TETRACHLOROETHENE	5.3	U	
TOLUENE	5.3	U	
TRANS-1,2-DICHLOROETHENE	5.3	U	
TRANS-1,3-DICHLOROPROPENE	5.3	U	
TRICHLOROETHENE	5.3	U	
TRICHLOROFLUOROMETHANE	5.3	U	
VINYL CHLORIDE	5.3	U	

nsample	03TP12-0102-03
samp_date	5/4/2007
lab_id	C7E050116004
qc_type	NM
units	UG/KG
Pct_Solids	84.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	5	U	
1,1,2,2-TETRACHLOROETHANE	5	U	
1,1,2-TRICHLOROETHANE	5	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	5	U	
1,1-DICHLOROETHANE	5	U	
1,1-DICHLOROETHENE	5	U	
1,2,3-TRICHLOROBENZENE	5	U	
1,2,4-TRICHLOROBENZENE	5	U	
1,2-DIBROMO-3-CHLOROPROPANE	5	U	
1,2-DIBROMOETHANE	5	U	
1,2-DICHLOROBENZENE	5	U	
1,2-DICHLOROETHANE	5	U	
1,2-DICHLOROPROPANE	5	U	
1,3-DICHLOROBENZENE	5	U	
1,4-DICHLOROBENZENE	5	U	
2-BUTANONE	5	U	
2-HEXANONE	5	U	
4-METHYL-2-PENTANONE	5	U	
ACETONE	20	U	
BENZENE	5	U	
BROMOCHLOROMETHANE	5	U	
BROMODICHLOROMETHANE	5	U	
BROMOFORM	5	U	
BROMOMETHANE	5	U	
CARBON DISULFIDE	5	U	
CARBON TETRACHLORIDE	5	U	
CHLOROBENZENE	5	U	
CHLORODIBROMOMETHANE	5	U	
CHLOROETHANE	5	U	
CHLOROFORM	5	U	
CHLOROMETHANE	5	U	
CIS-1,2-DICHLOROETHENE	5	U	

nsample	03TP12-0102-03
samp_date	5/4/2007
lab_id	C7E050116004
qc_type	NM
units	UG/KG
Pct_Solids	84.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CIS-1,3-DICHLOROPROPENE	5	U	
CYCLOHEXANE	5	U	
DICHLORODIFLUOROMETHANE	5	U	
ETHYLBENZENE	5	U	
ISOPROPYLBENZENE	5	U	
M+P-XYLENES	9.9	U	
METHYL ACETATE	5	U	
METHYL CYCLOHEXANE	5	U	
METHYL TERT-BUTYL ETHER	5	U	
METHYLENE CHLORIDE	3.5	B	A
O-XYLENE	5	U	
STYRENE	5	U	
TETRACHLOROETHENE	5	U	
TOLUENE	5	U	
TRANS-1,2-DICHLOROETHENE	5	U	
TRANS-1,3-DICHLOROPROPENE	5	U	
TRICHLOROETHENE	5	U	
TRICHLOROFLUOROMETHANE	5	U	
VINYL CHLORIDE	5	U	

PROJ_NO: 2192

SDG: C7E050116 MEDIA: SOIL DATA FRACTION: OV

nsample	03TP12-0304-02	nsample	03TP12-0304-02	nsample	03TP12-0405-01
samp_date	5/4/2007	samp_date	5/4/2007	samp_date	5/4/2007
lab_id	C7E050116003	lab_id	C7E050116003	lab_id	C7E050116002
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	81.0	Pct_Solids	81.0	Pct_Solids	83.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	5.6	U	
1,1,2,2-TETRACHLOROETHANE	5.6	U	
1,1,2-TRICHLOROETHANE	5.6	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	5.6	U	
1,1-DICHLOROETHANE	5.6	U	
1,1-DICHLOROETHENE	5.6	U	
1,2,3-TRICHLOROBENZENE	5.6	U	
1,2,4-TRICHLOROBENZENE	5.6	U	
1,2-DIBROMO-3-CHLOROPROPANE	5.6	U	
1,2-DIBROMOETHANE	5.6	U	
1,2-DICHLOROBENZENE	5.6	U	
1,2-DICHLOROETHANE	5.6	U	
1,2-DICHLOROPROPANE	5.6	U	
1,3-DICHLOROBENZENE	5.6	U	
1,4-DICHLOROBENZENE	5.6	U	
2-BUTANONE	5.6	U	
2-HEXANONE	5.6	U	
4-METHYL-2-PENTANONE	5.6	U	
ACETONE	16	J	P
BENZENE	5.6	U	
BROMOCHLOROMETHANE	5.6	U	
BROMODICHLOROMETHANE	5.6	U	
BROMOFORM	5.6	U	
BROMOMETHANE	5.6	U	
CARBON DISULFIDE	5.6	U	
CARBON TETRACHLORIDE	5.6	U	
CHLOROBENZENE	5.6	U	
CHLORODIBROMOMETHANE	5.6	U	
CHLOROETHANE	5.6	U	
CHLOROFORM	5.6	U	
CHLOROMETHANE	5.6	U	
CIS-1,2-DICHLOROETHENE	5.6	U	

Parameter	Result	Val Qual	Qual Code
CIS-1,3-DICHLOROPROPENE	5.6	U	
CYCLOHEXANE	5.6	U	
DICHLORODIFLUOROMETHANE	5.6	U	
ETHYLBENZENE	5.6	U	
ISOPROPYLBENZENE	5.6	U	
M+P-XYLENES	11	U	
METHYL ACETATE	5.6	U	
METHYL CYCLOHEXANE	5.6	U	
METHYL TERT-BUTYL ETHER	5.6	U	
METHYLENE CHLORIDE	3.3	B	A
O-XYLENE	5.6	U	
STYRENE	5.6	U	
TETRACHLOROETHENE	5.6	U	
TOLUENE	5.6	U	
TRANS-1,2-DICHLOROETHENE	5.6	U	
TRANS-1,3-DICHLOROPROPENE	5.6	U	
TRICHLOROETHENE	5.6	U	
TRICHLOROFLUOROMETHANE	5.6	U	
VINYL CHLORIDE	5.6	U	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	5.4	U	
1,1,2,2-TETRACHLOROETHANE	5.4	U	
1,1,2-TRICHLOROETHANE	5.4	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	5.4	U	
1,1-DICHLOROETHANE	5.4	U	
1,1-DICHLOROETHENE	5.4	U	
1,2,3-TRICHLOROBENZENE	5.4	U	
1,2,4-TRICHLOROBENZENE	5.4	U	
1,2-DIBROMO-3-CHLOROPROPANE	5.4	U	
1,2-DIBROMOETHANE	5.4	U	
1,2-DICHLOROBENZENE	5.4	U	
1,2-DICHLOROETHANE	5.4	U	
1,2-DICHLOROPROPANE	5.4	U	
1,3-DICHLOROBENZENE	5.4	U	
1,4-DICHLOROBENZENE	5.4	U	
2-BUTANONE	5.5		
2-HEXANONE	5.4	U	
4-METHYL-2-PENTANONE	5.4	U	
ACETONE	33		
BENZENE	5.4	U	
BROMOCHLOROMETHANE	5.4	U	
BROMODICHLOROMETHANE	5.4	U	
BROMOFORM	5.4	U	
BROMOMETHANE	5.4	U	
CARBON DISULFIDE	5.4	U	
CARBON TETRACHLORIDE	5.4	U	
CHLOROBENZENE	5.4	U	
CHLORODIBROMOMETHANE	5.4	U	
CHLOROETHANE	5.4	U	
CHLOROFORM	5.4	U	
CHLOROMETHANE	5.4	U	
CIS-1,2-DICHLOROETHENE	5.4	U	

PROJ_NO: 2192

SDG: C7E050116 MEDIA: SOIL DATA FRACTION: OV

nsample	03TP12-0405-01
samp_date	5/4/2007
lab_id	C7E050116002
qc_type	NM
units	UG/KG
Pct_Solids	83.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CIS-1,3-DICHLOROPROPENE	5.4	U	
CYCLOHEXANE	5.4	U	
DICHLORODIFLUOROMETHANE	5.4	U	
ETHYLBENZENE	5.4	U	
ISOPROPYLBENZENE	5.4	U	
M+P-XYLENES	11	U	
METHYL ACETATE	5.4	U	
METHYL CYCLOHEXANE	5.4	U	
METHYL TERT-BUTYL ETHER	5.4	U	
METHYLENE CHLORIDE	3.5	B	A
O-XYLENE	5.4	U	
STYRENE	5.4	U	
TETRACHLOROETHENE	5.4	U	
TOLUENE	5.4	U	
TRANS-1,2-DICHLOROETHENE	5.4	U	
TRANS-1,3-DICHLOROPROPENE	5.4	U	
TRICHLOROETHENE	5.4	U	
TRICHLOROFLUOROMETHANE	5.4	U	
VINYL CHLORIDE	5.4	U	

nsample	03TP13-0203-01
samp_date	5/4/2007
lab_id	C7E050116007
qc_type	NM
units	UG/KG
Pct_Solids	85.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	4.9	U	
1,1,2,2-TETRACHLOROETHANE	4.9	U	
1,1,2-TRICHLOROETHANE	4.9	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	4.9	U	
1,1-DICHLOROETHANE	4.9	U	
1,1-DICHLOROETHENE	4.9	U	
1,2,3-TRICHLOROBENZENE	4.9	U	
1,2,4-TRICHLOROBENZENE	4.9	U	
1,2-DIBROMO-3-CHLOROPROPANE	4.9	U	
1,2-DIBROMOETHANE	4.9	U	
1,2-DICHLOROBENZENE	4.9	U	
1,2-DICHLOROETHANE	4.9	U	
1,2-DICHLOROPROPANE	4.9	U	
1,3-DICHLOROBENZENE	4.9	U	
1,4-DICHLOROBENZENE	4.9	U	
2-BUTANONE	4.9	U	
2-HEXANONE	4.9	U	
4-METHYL-2-PENTANONE	4.9	U	
ACETONE	6.1	J	P
BENZENE	4.9	U	
BROMOCHLOROMETHANE	4.9	U	
BROMODICHLOROMETHANE	4.9	U	
BROMOFORM	4.9	U	
BROMOMETHANE	4.9	U	
CARBON DISULFIDE	4.9	U	
CARBON TETRACHLORIDE	4.9	U	
CHLOROBENZENE	4.9	U	
CHLORODIBROMOMETHANE	4.9	U	
CHLOROETHANE	4.9	U	
CHLOROFORM	4.9	U	
CHLOROMETHANE	4.9	U	
CIS-1,2-DICHLOROETHENE	4.9	U	

nsample	03TP13-0203-01
samp_date	5/4/2007
lab_id	C7E050116007
qc_type	NM
units	UG/KG
Pct_Solids	85.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CIS-1,3-DICHLOROPROPENE	4.9	U	
CYCLOHEXANE	4.9	U	
DICHLORODIFLUOROMETHANE	4.9	U	
ETHYLBENZENE	4.9	U	
ISOPROPYLBENZENE	4.9	U	
M+P-XYLENES	9.9	U	
METHYL ACETATE	4.9	U	
METHYL CYCLOHEXANE	4.9	U	
METHYL TERT-BUTYL ETHER	4.9	U	
METHYLENE CHLORIDE	5.5	B	A
O-XYLENE	4.9	U	
STYRENE	4.9	U	
TETRACHLOROETHENE	4.9	U	
TOLUENE	4.9	U	
TRANS-1,2-DICHLOROETHENE	4.9	U	
TRANS-1,3-DICHLOROPROPENE	4.9	U	
TRICHLOROETHENE	4.9	U	
TRICHLOROFLUOROMETHANE	4.9	U	
VINYL CHLORIDE	4.9	U	

PROJ_NO: 2192

SDG: C7E050116 MEDIA: SOIL DATA FRACTION: OV

nsample	03TP14-0203-01
samp_date	5/4/2007
lab_id	C7E050116008
qc_type	NM
units	UG/KG
Pct_Solids	79.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	6.2	UJ	R
1,1,2,2-TETRACHLOROETHANE	6.2	UJ	R
1,1,2-TRICHLOROETHANE	6.2	UJ	R
1,1,2-TRICHLOROTRIFLUOROETHANE	6.2	UJ	R
1,1-DICHLOROETHANE	6.2	UJ	R
1,1-DICHLOROETHENE	6.2	UJ	R
1,2,3-TRICHLOROBENZENE	6.2	UJ	R
1,2,4-TRICHLOROBENZENE	6.2	UJ	R
1,2-DIBROMO-3-CHLOROPROPANE	6.2	UJ	R
1,2-DIBROMOETHANE	6.2	UJ	R
1,2-DICHLOROBENZENE	6.2	UJ	R
1,2-DICHLOROETHANE	6.2	UJ	R
1,2-DICHLOROPROPANE	6.2	UJ	R
1,3-DICHLOROBENZENE	6.2	UJ	R
1,4-DICHLOROBENZENE	6.2	UJ	R
2-BUTANONE	6.2	UJ	R
2-HEXANONE	6.2	UJ	R
4-METHYL-2-PENTANONE	6.2	UJ	R
ACETONE	25	UJ	R
BENZENE	6.2	UJ	R
BROMOCHLOROMETHANE	6.2	UJ	R
BROMODICHLOROMETHANE	6.2	UJ	R
BROMOFORM	6.2	UJ	R
BROMOMETHANE	6.2	UJ	R
CARBON DISULFIDE	6.2	UJ	R
CARBON TETRACHLORIDE	6.2	UJ	R
CHLOROBENZENE	6.2	UJ	R
CHLORODIBROMOMETHANE	6.2	UJ	R
CHLOROETHANE	6.2	UJ	R
CHLOROFORM	6.2	UJ	R
CHLOROMETHANE	6.2	UJ	R
CIS-1,2-DICHLOROETHENE	6.2	UJ	R

nsample	03TP14-0203-01
samp_date	5/4/2007
lab_id	C7E050116008
qc_type	NM
units	UG/KG
Pct_Solids	79.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CIS-1,3-DICHLOROPROPENE	6.2	UJ	R
CYCLOHEXANE	6.2	UJ	R
DICHLORODIFLUOROMETHANE	6.2	UJ	R
ETHYLBENZENE	6.2	UJ	R
ISOPROPYLBENZENE	6.2	UJ	R
M+P-XYLENES	12	UJ	R
METHYL ACETATE	6.2	UJ	R
METHYL CYCLOHEXANE	6.2	UJ	R
METHYL TERT-BUTYL ETHER	6.2	UJ	R
METHYLENE CHLORIDE	4	B	A
O-XYLENE	6.2	UJ	R
STYRENE	6.2	UJ	R
TETRACHLOROETHENE	6.2	UJ	R
TOLUENE	6.2	UJ	R
TRANS-1,2-DICHLOROETHENE	6.2	UJ	R
TRANS-1,3-DICHLOROPROPENE	6.2	UJ	R
TRICHLOROETHENE	6.2	UJ	R
TRICHLOROFLUOROMETHANE	6.2	UJ	R
VINYL CHLORIDE	6.2	UJ	R

PROJ_NO: 2192

SDG: C7E050116 MEDIA: WATER DATA FRACTION: OV

nsample	TB-050407	nsample	TB-050407
samp_date	5/4/2007	samp_date	5/4/2007
lab_id	C7E050116001	lab_id	C7E050116001
qc_type	NM	qc_type	NM
units	UG/L	units	UG/L
Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	5	U	
1,1,2,2-TETRACHLOROETHANE	5	U	
1,1,2-TRICHLOROETHANE	5	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	5	U	
1,1-DICHLOROETHANE	5	U	
1,1-DICHLOROETHENE	5	U	
1,2,3-TRICHLOROBENZENE	5	U	
1,2,4-TRICHLOROBENZENE	5	U	
1,2-DIBROMO-3-CHLOROPROPANE	5	U	
1,2-DIBROMOETHANE	5	U	
1,2-DICHLOROBENZENE	5	U	
1,2-DICHLOROETHANE	5	U	
1,2-DICHLOROPROPANE	5	U	
1,3-DICHLOROBENZENE	5	U	
1,4-DICHLOROBENZENE	5	U	
2-BUTANONE	5	U	
2-HEXANONE	5	U	
4-METHYL-2-PENTANONE	5	U	
ACETONE	20	U	
BENZENE	5	U	
BROMOCHLOROMETHANE	5	U	
BROMODICHLOROMETHANE	5	U	
BROMOFORM	5	U	
BROMOMETHANE	5	U	
CARBON DISULFIDE	5	U	
CARBON TETRACHLORIDE	5	U	
CHLOROBENZENE	5	U	
CHLORODIBROMOMETHANE	5	U	
CHLOROETHANE	5	U	
CHLOROFORM	5	U	
CHLOROMETHANE	5	U	
CIS-1,2-DICHLOROETHENE	5	U	

Parameter	Result	Val Qual	Qual Code
CIS-1,3-DICHLOROPROPENE	5	U	
CYCLOHEXANE	5	U	
DICHLORODIFLUOROMETHANE	5	U	
ETHYLBENZENE	5	U	
ISOPROPYLBENZENE	5	U	
M+P-XYLENES	10	U	
METHYL ACETATE	5	U	
METHYL CYCLOHEXANE	5	U	
METHYL TERT-BUTYL ETHER	5	U	
METHYLENE CHLORIDE	5	U	
O-XYLENE	5	U	
STYRENE	5	U	
TETRACHLOROETHENE	5	U	
TOLUENE	5	U	
TRANS-1,2-DICHLOROETHENE	5	U	
TRANS-1,3-DICHLOROPROPENE	5	U	
TRICHLOROETHENE	5	U	
TRICHLOROFLUOROMETHANE	5	U	
VINYL CHLORIDE	5	U	

PROJ_NO: 2192

SDG: C7E050116 MEDIA: SOIL DATA FRACTION: OS

nsample	03TP11-0304-01
samp_date	5/4/2007
lab_id	C7E050116005
qc_type	NM
units	UG/KG
Pct_Solids	84.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1-BIPHENYL	390	U	
1,2,4,5-TETRACHLOROBENZENE	390	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	390	U	
2,3,4,6-TETRACHLOROPHENOL	390	U	
2,4,5-TRICHLOROPHENOL	390	U	
2,4,6-TRICHLOROPHENOL	390	U	
2,4-DICHLOROPHENOL	390	U	
2,4-DIMETHYLPHENOL	390	U	
2,4-DINITROPHENOL	1900	U	
2,4-DINITROTOLUENE	390	U	
2,6-DINITROTOLUENE	390	U	
2-CHLORONAPHTHALENE	390	U	
2-CHLOROPHENOL	390	U	
2-METHYLNAPHTHALENE	390	U	
2-METHYLPHENOL	390	U	
2-NITROANILINE	1900	U	
2-NITROPHENOL	390	U	
3,3'-DICHLOROBENZIDINE	1900	U	
3-NITROANILINE	1900	U	
4,6-DINITRO-2-METHYLPHENOL	1900	U	
4-BROMOPHENYL PHENYL ETHER	390	U	
4-CHLORO-3-METHYLPHENOL	390	U	
4-CHLOROANILINE	390	U	
4-CHLOROPHENYL PHENYL ETHER	390	U	
4-METHYLPHENOL	390	U	
4-NITROANILINE	1900	U	
4-NITROPHENOL	1900	U	
ACENAPHTHENE	390	U	
ACENAPHTHYLENE	390	U	
ACETOPHENONE	390	U	
ANTHRACENE	390	U	
ATRAZINE	390	U	

nsample	03TP11-0304-01
samp_date	5/4/2007
lab_id	C7E050116005
qc_type	NM
units	UG/KG
Pct_Solids	84.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZALDEHYDE	390	U	
BENZO(A)ANTHRACENE	390	U	
BENZO(A)PYRENE	390	U	
BENZO(B)FLUORANTHENE	390	U	
BENZO(G,H,I)PERYLENE	390	U	
BENZO(K)FLUORANTHENE	390	U	
BIS(2-CHLOROETHOXY)METHANE	390	U	
BIS(2-CHLOROETHYL)ETHER	390	U	
BIS(2-ETHYLHEXYL)PHTHALATE	390	U	
BUTYL BENZYL PHTHALATE	390	U	
CAPROLACTAM	390	U	
CARBAZOLE	390	U	
CHRYSENE	390	U	
DIBENZO(A,H)ANTHRACENE	390	U	
DIBENZOFURAN	390	U	
DIETHYL PHTHALATE	390	U	
DIMETHYL PHTHALATE	390	U	
DI-N-BUTYL PHTHALATE	390	U	
DI-N-OCTYL PHTHALATE	390	U	
FLUORANTHENE	390	U	
FLUORENE	390	U	
HEXACHLOROBENZENE	390	U	
HEXACHLOROBUTADIENE	390	U	
HEXACHLOROCYCLOPENTADIENE	1900	U	
HEXACHLOROETHANE	390	U	
INDENO(1,2,3-CD)PYRENE	390	U	
ISOPHORONE	390	U	
NAPHTHALENE	390	U	
NITROBENZENE	390	U	
N-NITROSO-DI-N-PROPYLAMINE	390	U	
N-NITROSODIPHENYLAMINE	390	U	
PENTACHLOROPHENOL	1900	U	

nsample	03TP11-0304-01
samp_date	5/4/2007
lab_id	C7E050116005
qc_type	NM
units	UG/KG
Pct_Solids	84.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
PHENANTHRENE	42	J	P
PHENOL	390	U	
PYRENE	390	U	

PROJ_NO: 2192

SDG: C7E050116 MEDIA: SOIL DATA FRACTION: OS

nsample	03TP11-0405-02
samp_date	5/4/2007
lab_id	C7E050116006
qc_type	NM
units	UG/KG
Pct_Solids	84.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1-BIPHENYL	390	U	
1,2,4,5-TETRACHLOROBENZENE	390	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	390	U	
2,3,4,6-TETRACHLOROPHENOL	390	U	
2,4,5-TRICHLOROPHENOL	390	U	
2,4,6-TRICHLOROPHENOL	390	U	
2,4-DICHLOROPHENOL	390	U	
2,4-DIMETHYLPHENOL	390	U	
2,4-DINITROPHENOL	1900	U	
2,4-DINITROTOLUENE	390	U	
2,6-DINITROTOLUENE	390	U	
2-CHLORONAPHTHALENE	390	U	
2-CHLOROPHENOL	390	U	
2-METHYLNAPHTHALENE	390	U	
2-METHYLPHENOL	390	U	
2-NITROANILINE	1900	U	
2-NITROPHENOL	390	U	
3,3'-DICHLOROBENZIDINE	1900	U	
3-NITROANILINE	1900	U	
4,6-DINITRO-2-METHYLPHENOL	1900	U	
4-BROMOPHENYL PHENYL ETHER	390	U	
4-CHLORO-3-METHYLPHENOL	390	U	
4-CHLOROANILINE	390	U	
4-CHLOROPHENYL PHENYL ETHER	390	U	
4-METHYLPHENOL	390	U	
4-NITROANILINE	1900	U	
4-NITROPHENOL	1900	U	
ACENAPHTHENE	390	U	
ACENAPHTHYLENE	390	U	
ACETOPHENONE	390	U	
ANTHRACENE	390	U	
ATRAZINE	390	U	

nsample	03TP11-0405-02
samp_date	5/4/2007
lab_id	C7E050116006
qc_type	NM
units	UG/KG
Pct_Solids	84.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZALDEHYDE	390	U	
BENZO(A)ANTHRACENE	390	U	
BENZO(A)PYRENE	390	U	
BENZO(B)FLUORANTHENE	390	U	
BENZO(G,H,I)PERYLENE	390	U	
BENZO(K)FLUORANTHENE	390	U	
BIS(2-CHLOROETHOXY)METHANE	390	U	
BIS(2-CHLOROETHYL)ETHER	390	U	
BIS(2-ETHYLHEXYL)PHTHALATE	390	U	
BUTYL BENZYL PHTHALATE	390	U	
CAPROLACTAM	390	U	
CARBAZOLE	390	U	
CHRYSENE	390	U	
DIBENZO(A,H)ANTHRACENE	390	U	
DIBENZOFURAN	390	U	
DIETHYL PHTHALATE	390	U	
DIMETHYL PHTHALATE	390	U	
DI-N-BUTYL PHTHALATE	390	U	
DI-N-OCTYL PHTHALATE	390	U	
FLUORANTHENE	390	U	
FLUORENE	390	U	
HEXACHLOROBENZENE	390	U	
HEXACHLOROBUTADIENE	390	U	
HEXACHLOROCYCLOPENTADIENE	1900	U	
HEXACHLOROETHANE	390	U	
INDENO(1,2,3-CD)PYRENE	390	U	
ISOPHORONE	390	U	
NAPHTHALENE	390	U	
NITROBENZENE	390	U	
N-NITROSO-DI-N-PROPYLAMINE	390	U	
N-NITROSODIPHENYLAMINE	390	U	
PENTACHLOROPHENOL	1900	U	

nsample	03TP11-0405-02
samp_date	5/4/2007
lab_id	C7E050116006
qc_type	NM
units	UG/KG
Pct_Solids	84.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
PHENANTHRENE	390	U	
PHENOL	390	U	
PYRENE	390	U	

PROJ_NO: 2192

SDG: C7E050116 MEDIA: SOIL DATA FRACTION: OS

nsample	03TP12-0102-03
samp_date	5/4/2007
lab_id	C7E050116004
qc_type	NM
units	UG/KG
Pct_Solids	84.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1-BIPHENYL	20000	U	
1,2,4,5-TETRACHLOROBENZENE	20000	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	20000	U	
2,3,4,6-TETRACHLOROPHENOL	20000	U	
2,4,5-TRICHLOROPHENOL	20000	U	
2,4,6-TRICHLOROPHENOL	20000	U	
2,4-DICHLOROPHENOL	20000	U	
2,4-DIMETHYLPHENOL	20000	U	
2,4-DINITROPHENOL	96000	U	
2,4-DINITROTOLUENE	20000	U	
2,6-DINITROTOLUENE	20000	U	
2-CHLORONAPHTHALENE	20000	U	
2-CHLOROPHENOL	20000	U	
2-METHYLNAPHTHALENE	20000	U	
2-METHYLPHENOL	20000	U	
2-NITROANILINE	96000	U	
2-NITROPHENOL	20000	U	
3,3'-DICHLOROBENZIDINE	96000	U	
3-NITROANILINE	96000	U	
4,6-DINITRO-2-METHYLPHENOL	96000	U	
4-BROMOPHENYL PHENYL ETHER	20000	U	
4-CHLORO-3-METHYLPHENOL	20000	U	
4-CHLOROANILINE	20000	U	
4-CHLOROPHENYL PHENYL ETHER	20000	U	
4-METHYLPHENOL	20000	U	
4-NITROANILINE	96000	U	
4-NITROPHENOL	96000	U	
ACENAPHTHENE	2200	J	P
ACENAPHTHYLENE	20000	U	
ACETOPHENONE	20000	U	
ANTHRACENE	11000	J	P
ATRAZINE	20000	U	

nsample	03TP12-0102-03
samp_date	5/4/2007
lab_id	C7E050116004
qc_type	NM
units	UG/KG
Pct_Solids	84.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZALDEHYDE	20000	U	
BENZO(A)ANTHRACENE	15000	J	P
BENZO(A)PYRENE	8800	J	P
BENZO(B)FLUORANTHENE	8600	J	P
BENZO(G,H,I)PERYLENE	6800	J	P
BENZO(K)FLUORANTHENE	4400	J	P
BIS(2-CHLOROETHOXY)METHANE	20000	U	
BIS(2-CHLOROETHYL)ETHER	20000	U	
BIS(2-ETHYLHEXYL)PHTHALATE	20000	U	
BUTYL BENZYL PHTHALATE	20000	U	
CAPROLACTAM	20000	U	
CARBAZOLE	3200	J	P
CHRYSENE	13000	J	P
DIBENZO(A,H)ANTHRACENE	20000	U	
DIBENZOFURAN	20000	U	
DIETHYL PHTHALATE	20000	U	
DIMETHYL PHTHALATE	20000	U	
DI-N-BUTYL PHTHALATE	20000	U	
DI-N-OCTYL PHTHALATE	20000	U	
FLUORANTHENE	31000		
FLUORENE	2600	J	P
HEXACHLOROBENZENE	20000	U	
HEXACHLOROBUTADIENE	20000	U	
HEXACHLOROCYCLOPENTADIENE	96000	U	
HEXACHLOROETHANE	20000	U	
INDENO(1,2,3-CD)PYRENE	7400	J	P
ISOPHORONE	20000	U	
NAPHTHALENE	20000	U	
NITROBENZENE	20000	U	
N-NITROSO-DI-N-PROPYLAMINE	20000	U	
N-NITROSODIPHENYLAMINE	20000	U	
PENTACHLOROPHENOL	96000	U	

nsample	03TP12-0102-03
samp_date	5/4/2007
lab_id	C7E050116004
qc_type	NM
units	UG/KG
Pct_Solids	84.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
PHENANTHRENE	37000		
PHENOL	20000	U	
PYRENE	33000		

PROJ_NO: 2192

SDG: C7E050116 MEDIA: SOIL DATA FRACTION: OS

nsample	03TP12-0304-02
samp_date	5/4/2007
lab_id	C7E050116003
qc_type	NM
units	UG/KG
Pct_Solids	81.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1-BIPHENYL	820	U	
1,2,4,5-TETRACHLOROBENZENE	820	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	820	U	
2,3,4,6-TETRACHLOROPHENOL	820	U	
2,4,5-TRICHLOROPHENOL	820	U	
2,4,6-TRICHLOROPHENOL	820	U	
2,4-DICHLOROPHENOL	820	U	
2,4-DIMETHYLPHENOL	820	U	
2,4-DINITROPHENOL	4000	U	
2,4-DINITROTOLUENE	820	U	
2,6-DINITROTOLUENE	820	U	
2-CHLORONAPHTHALENE	820	U	
2-CHLOROPHENOL	820	U	
2-METHYLNAPHTHALENE	820	U	
2-METHYLPHENOL	820	U	
2-NITROANILINE	4000	U	
2-NITROPHENOL	820	U	
3,3'-DICHLOROBENZIDINE	4000	U	
3-NITROANILINE	4000	U	
4,6-DINITRO-2-METHYLPHENOL	4000	U	
4-BROMOPHENYL PHENYL ETHER	820	U	
4-CHLORO-3-METHYLPHENOL	820	U	
4-CHLOROANILINE	820	U	
4-CHLOROPHENYL PHENYL ETHER	820	U	
4-METHYLPHENOL	820	U	
4-NITROANILINE	4000	U	
4-NITROPHENOL	4000	U	
ACENAPHTHENE	820	U	
ACENAPHTHYLENE	820	U	
ACETOPHENONE	820	U	
ANTHRACENE	820	U	
ATRAZINE	820	U	

nsample	03TP12-0304-02
samp_date	5/4/2007
lab_id	C7E050116003
qc_type	NM
units	UG/KG
Pct_Solids	81.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZALDEHYDE	820	U	
BENZO(A)ANTHRACENE	110	J	P
BENZO(A)PYRENE	100	J	P
BENZO(B)FLUORANTHENE	110	J	P
BENZO(G,H,I)PERYLENE	100	J	P
BENZO(K)FLUORANTHENE	820	U	
BIS(2-CHLOROETHOXY)METHANE	820	U	
BIS(2-CHLOROETHYL)ETHER	820	U	
BIS(2-ETHYLHEXYL)PHTHALATE	820	U	
BUTYL BENZYL PHTHALATE	820	U	
CAPROLACTAM	820	U	
CARBAZOLE	820	U	
CHRYSENE	180	J	P
DIBENZO(A,H)ANTHRACENE	820	U	
DIBENZOFURAN	820	U	
DIETHYL PHTHALATE	820	U	
DIMETHYL PHTHALATE	820	U	
DI-N-BUTYL PHTHALATE	820	U	
DI-N-OCTYL PHTHALATE	820	U	
FLUORANTHENE	280	J	P
FLUORENE	820	U	
HEXACHLOROBENZENE	820	U	
HEXACHLOROBUTADIENE	820	U	
HEXACHLOROCYCLOPENTADIENE	4000	U	
HEXACHLOROETHANE	820	U	
INDENO(1,2,3-CD)PYRENE	110	J	P
ISOPHORONE	820	U	
NAPHTHALENE	820	U	
NITROBENZENE	820	U	
N-NITROSO-DI-N-PROPYLAMINE	820	U	
N-NITROSODIPHENYLAMINE	820	U	
PENTACHLOROPHENOL	4000	U	

nsample	03TP12-0304-02
samp_date	5/4/2007
lab_id	C7E050116003
qc_type	NM
units	UG/KG
Pct_Solids	81.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
PHENANTHRENE	260	J	P
PHENOL	820	U	
PYRENE	280	J	P

PROJ_NO: 2192

SDG: C7E050116 MEDIA: SOIL DATA FRACTION: OS

nsample	03TP12-0405-01
samp_date	5/4/2007
lab_id	C7E050116002
qc_type	NM
units	UG/KG
Pct_Solids	83.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1-BIPHENYL	800	U	
1,2,4,5-TETRACHLOROBENZENE	800	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	800	U	
2,3,4,6-TETRACHLOROPHENOL	800	U	
2,4,5-TRICHLOROPHENOL	800	U	
2,4,6-TRICHLOROPHENOL	800	U	
2,4-DICHLOROPHENOL	800	U	
2,4-DIMETHYLPHENOL	800	U	
2,4-DINITROPHENOL	3900	U	
2,4-DINITROTOLUENE	800	U	
2,6-DINITROTOLUENE	800	U	
2-CHLORONAPHTHALENE	800	U	
2-CHLOROPHENOL	800	U	
2-METHYLNAPHTHALENE	800	U	
2-METHYLPHENOL	190	J	P
2-NITROANILINE	3900	U	
2-NITROPHENOL	800	U	
3,3'-DICHLOROBENZIDINE	3900	U	
3-NITROANILINE	3900	U	
4,6-DINITRO-2-METHYLPHENOL	3900	U	
4-BROMOPHENYL PHENYL ETHER	800	U	
4-CHLORO-3-METHYLPHENOL	800	U	
4-CHLOROANILINE	800	U	
4-CHLOROPHENYL PHENYL ETHER	800	U	
4-METHYLPHENOL	800	U	
4-NITROANILINE	3900	U	
4-NITROPHENOL	3900	U	
ACENAPHTHENE	800	U	
ACENAPHTHYLENE	800	U	
ACETOPHENONE	800	U	
ANTHRACENE	800	U	
ATRAZINE	800	U	

nsample	03TP12-0405-01
samp_date	5/4/2007
lab_id	C7E050116002
qc_type	NM
units	UG/KG
Pct_Solids	83.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZALDEHYDE	800	U	
BENZO(A)ANTHRACENE	800	U	
BENZO(A)PYRENE	800	U	
BENZO(B)FLUORANTHENE	800	U	
BENZO(G,H,I)PERYLENE	800	U	
BENZO(K)FLUORANTHENE	800	U	
BIS(2-CHLOROETHOXY)METHANE	800	U	
BIS(2-CHLOROETHYL)ETHER	800	U	
BIS(2-ETHYLHEXYL)PHTHALATE	140	J	P
BUTYL BENZYL PHTHALATE	800	U	
CAPROLACTAM	800	U	
CARBAZOLE	800	U	
CHRYSENE	800	U	
DIBENZO(A,H)ANTHRACENE	800	U	
DIBENZOFURAN	800	U	
DIETHYL PHTHALATE	800	U	
DIMETHYL PHTHALATE	800	U	
DI-N-BUTYL PHTHALATE	800	U	
DI-N-OCTYL PHTHALATE	800	U	
FLUORANTHENE	89	J	P
FLUORENE	800	U	
HEXACHLOROBENZENE	800	U	
HEXACHLOROBUTADIENE	800	U	
HEXACHLOROCYCLOPENTADIENE	3900	U	
HEXACHLOROETHANE	800	U	
INDENO(1,2,3-CD)PYRENE	800	U	
ISOPHORONE	800	U	
NAPHTHALENE	800	U	
NITROBENZENE	800	U	
N-NITROSO-DI-N-PROPYLAMINE	800	U	
N-NITROSODIPHENYLAMINE	800	U	
PENTACHLOROPHENOL	3900	U	

nsample	03TP12-0405-01
samp_date	5/4/2007
lab_id	C7E050116002
qc_type	NM
units	UG/KG
Pct_Solids	83.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
PHENANTHRENE	80	J	P
PHENOL	800	U	
PYRENE	92	J	P

PROJ_NO: 2192

SDG: C7E050116 MEDIA: SOIL DATA FRACTION: OS

nsample	03TP13-0203-01
samp_date	5/4/2007
lab_id	C7E050116007
qc_type	NM
units	UG/KG
Pct_Solids	85.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1-BIPHENYL	390	U	
1,2,4,5-TETRACHLOROBENZENE	390	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	390	U	
2,3,4,6-TETRACHLOROPHENOL	390	U	
2,4,5-TRICHLOROPHENOL	390	U	
2,4,6-TRICHLOROPHENOL	390	U	
2,4-DICHLOROPHENOL	390	U	
2,4-DIMETHYLPHENOL	390	U	
2,4-DINITROPHENOL	1900	U	
2,4-DINITROTOLUENE	390	U	
2,6-DINITROTOLUENE	390	U	
2-CHLORONAPHTHALENE	390	U	
2-CHLOROPHENOL	390	U	
2-METHYLNAPHTHALENE	390	U	
2-METHYLPHENOL	390	U	
2-NITROANILINE	1900	U	
2-NITROPHENOL	390	U	
3,3'-DICHLOROBENZIDINE	1900	U	
3-NITROANILINE	1900	U	
4,6-DINITRO-2-METHYLPHENOL	1900	U	
4-BROMOPHENYL PHENYL ETHER	390	U	
4-CHLORO-3-METHYLPHENOL	390	U	
4-CHLOROANILINE	390	U	
4-CHLOROPHENYL PHENYL ETHER	390	U	
4-METHYLPHENOL	390	U	
4-NITROANILINE	1900	U	
4-NITROPHENOL	1900	U	
ACENAPHTHENE	390	U	
ACENAPHTHYLENE	390	U	
ACETOPHENONE	390	U	
ANTHRACENE	390	U	
ATRAZINE	390	U	

nsample	03TP13-0203-01
samp_date	5/4/2007
lab_id	C7E050116007
qc_type	NM
units	UG/KG
Pct_Solids	85.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZALDEHYDE	390	U	
BENZO(A)ANTHRACENE	390	U	
BENZO(A)PYRENE	390	U	
BENZO(B)FLUORANTHENE	390	U	
BENZO(G,H,I)PERYLENE	390	U	
BENZO(K)FLUORANTHENE	390	U	
BIS(2-CHLOROETHOXY)METHANE	390	U	
BIS(2-CHLOROETHYL)ETHER	390	U	
BIS(2-ETHYLHEXYL)PHTHALATE	390	U	
BUTYL BENZYL PHTHALATE	390	U	
CAPROLACTAM	390	U	
CARBAZOLE	390	U	
CHRYSENE	390	U	
DIBENZO(A,H)ANTHRACENE	390	U	
DIBENZOFURAN	390	U	
DIETHYL PHTHALATE	390	U	
DIMETHYL PHTHALATE	390	U	
DI-N-BUTYL PHTHALATE	390	U	
DI-N-OCTYL PHTHALATE	390	U	
FLUORANTHENE	390	U	
FLUORENE	390	U	
HEXACHLOROBENZENE	390	U	
HEXACHLOROBUTADIENE	390	U	
HEXACHLOROCYCLOPENTADIENE	1900	U	
HEXACHLOROETHANE	390	U	
INDENO(1,2,3-CD)PYRENE	390	U	
ISOPHORONE	390	U	
NAPHTHALENE	390	U	
NITROBENZENE	390	U	
N-NITROSO-DI-N-PROPYLAMINE	390	U	
N-NITROSODIPHENYLAMINE	390	U	
PENTACHLOROPHENOL	1900	U	

nsample	03TP13-0203-01
samp_date	5/4/2007
lab_id	C7E050116007
qc_type	NM
units	UG/KG
Pct_Solids	85.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
PHENANTHRENE	390	U	
PHENOL	390	U	
PYRENE	390	U	

PROJ_NO: 2192

SDG: C7E050116 MEDIA: SOIL DATA FRACTION: OS

nsample	03TP14-0203-01
samp_date	5/4/2007
lab_id	C7E050116008
qc_type	NM
units	UG/KG
Pct_Solids	79.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1-BIPHENYL	420	U	
1,2,4,5-TETRACHLOROBENZENE	420	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	420	U	
2,3,4,6-TETRACHLOROPHENOL	420	U	
2,4,5-TRICHLOROPHENOL	420	U	
2,4,6-TRICHLOROPHENOL	420	U	
2,4-DICHLOROPHENOL	420	U	
2,4-DIMETHYLPHENOL	420	U	
2,4-DINITROPHENOL	2000	U	
2,4-DINITROTOLUENE	420	U	
2,6-DINITROTOLUENE	420	U	
2-CHLORONAPHTHALENE	420	U	
2-CHLOROPHENOL	420	U	
2-METHYLNAPHTHALENE	420	U	
2-METHYLPHENOL	420	U	
2-NITROANILINE	2000	U	
2-NITROPHENOL	420	U	
3,3'-DICHLOROBENZIDINE	2000	U	
3-NITROANILINE	2000	U	
4,6-DINITRO-2-METHYLPHENOL	2000	U	
4-BROMOPHENYL PHENYL ETHER	420	U	
4-CHLORO-3-METHYLPHENOL	420	U	
4-CHLOROANILINE	420	U	
4-CHLOROPHENYL PHENYL ETHER	420	U	
4-METHYLPHENOL	420	U	
4-NITROANILINE	2000	U	
4-NITROPHENOL	2000	U	
ACENAPHTHENE	420	U	
ACENAPHTHYLENE	420	U	
ACETOPHENONE	420	U	
ANTHRACENE	420	U	
ATRAZINE	420	U	

nsample	03TP14-0203-01
samp_date	5/4/2007
lab_id	C7E050116008
qc_type	NM
units	UG/KG
Pct_Solids	79.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZALDEHYDE	420	U	
BENZO(A)ANTHRACENE	71	J	P
BENZO(A)PYRENE	70	J	P
BENZO(B)FLUORANTHENE	84	J	P
BENZO(G,H,I)PERYLENE	73	J	P
BENZO(K)FLUORANTHENE	420	U	
BIS(2-CHLOROETHOXY)METHANE	420	U	
BIS(2-CHLOROETHYL)ETHER	420	U	
BIS(2-ETHYLHEXYL)PHTHALATE	420	U	
BUTYL BENZYL PHTHALATE	420	U	
CAPROLACTAM	420	U	
CARBAZOLE	420	U	
CHRYSENE	150	J	P
DIBENZO(A,H)ANTHRACENE	420	U	
DIBENZOFURAN	420	U	
DIETHYL PHTHALATE	420	U	
DIMETHYL PHTHALATE	420	U	
DI-N-BUTYL PHTHALATE	420	U	
DI-N-OCTYL PHTHALATE	420	U	
FLUORANTHENE	240	J	P
FLUORENE	420	U	
HEXACHLOROBENZENE	420	U	
HEXACHLOROBUTADIENE	420	U	
HEXACHLOROCYCLOPENTADIENE	2000	U	
HEXACHLOROETHANE	420	U	
INDENO(1,2,3-CD)PYRENE	69	J	P
ISOPHORONE	420	U	
NAPHTHALENE	420	U	
NITROBENZENE	420	U	
N-NITROSO-DI-N-PROPYLAMINE	420	U	
N-NITROSODIPHENYLAMINE	420	U	
PENTACHLOROPHENOL	2000	U	

nsample	03TP14-0203-01
samp_date	5/4/2007
lab_id	C7E050116008
qc_type	NM
units	UG/KG
Pct_Solids	79.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
PHENANTHRENE	250	J	P
PHENOL	420	U	
PYRENE	240	J	P

PROJ_NO: 2192

SDG: C7E050116 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	03TP11-0304-01	nsample	03TP11-0405-02	nsample	03TP12-0102-03
samp_date	5/4/2007	samp_date	5/4/2007	samp_date	5/4/2007
lab_id	C7E050116005	lab_id	C7E050116006	lab_id	C7E050116004
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	84.0	Pct_Solids	84.0	Pct_Solids	84.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	2	U	
4,4'-DDE	2	U	
4,4'-DDT	2	U	
ALDRIN	2	U	
ALPHA-BHC	2	U	
ALPHA-CHLORDANE	1.4	J	
AROCLOR-1016	20	U	
AROCLOR-1221	20	U	
AROCLOR-1232	20	U	
AROCLOR-1242	20	U	
AROCLOR-1248	20	U	
AROCLOR-1254	20	U	
AROCLOR-1260	20	U	
AROCLOR-1262	20	U	
AROCLOR-1268	20	U	
BETA-BHC	2	U	
DELTA-BHC	2	U	
DIELDRIN	0.58	J	
ENDOSULFAN I	2	U	
ENDOSULFAN II	2	U	
ENDOSULFAN SULFATE	2	U	
ENDRIN	2	U	
ENDRIN ALDEHYDE	2	U	
ENDRIN KETONE	2	U	
GAMMA-BHC (LINDANE)	2	U	
GAMMA-CHLORDANE	1.1	J	
HEPTACHLOR	2	U	
HEPTACHLOR EPOXIDE	2	U	
METHOXYCHLOR	3.9	U	
TOXAPHENE	80	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	2	U	
4,4'-DDE	2	U	
4,4'-DDT	2	U	
ALDRIN	2	U	
ALPHA-BHC	2	U	
ALPHA-CHLORDANE	2	U	
AROCLOR-1016	20	U	
AROCLOR-1221	20	U	
AROCLOR-1232	20	U	
AROCLOR-1242	20	U	
AROCLOR-1248	20	U	
AROCLOR-1254	20	U	
AROCLOR-1260	20	U	
AROCLOR-1262	20	U	
AROCLOR-1268	20	U	
BETA-BHC	2	U	
DELTA-BHC	2	U	
DIELDRIN	2	U	
ENDOSULFAN I	2	U	
ENDOSULFAN II	2	U	
ENDOSULFAN SULFATE	2	U	
ENDRIN	2	U	
ENDRIN ALDEHYDE	2	U	
ENDRIN KETONE	2	U	
GAMMA-BHC (LINDANE)	2	U	
GAMMA-CHLORDANE	2	U	
HEPTACHLOR	2	U	
HEPTACHLOR EPOXIDE	2	U	
METHOXYCHLOR	3.9	U	
TOXAPHENE	80	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	2	U	
4,4'-DDE	0.68	J	
4,4'-DDT	1.1	J	
ALDRIN	0.69	J	
ALPHA-BHC	2	U	
ALPHA-CHLORDANE	23		
AROCLOR-1016	20	U	
AROCLOR-1221	20	U	
AROCLOR-1232	20	U	
AROCLOR-1242	20	U	
AROCLOR-1248	20	U	
AROCLOR-1254	20	U	
AROCLOR-1260	20	U	
AROCLOR-1262	20	U	
AROCLOR-1268	20	U	
BETA-BHC	2	U	
DELTA-BHC	2	U	
DIELDRIN	100		
ENDOSULFAN I	2	U	
ENDOSULFAN II	2	U	
ENDOSULFAN SULFATE	2	U	
ENDRIN	2	U	
ENDRIN ALDEHYDE	2	U	
ENDRIN KETONE	0.29	J	
GAMMA-BHC (LINDANE)	1.1	J	
GAMMA-CHLORDANE	16		
HEPTACHLOR	2	U	
HEPTACHLOR EPOXIDE	1.4	J	
METHOXYCHLOR	3.9	U	
TOXAPHENE	80	U	

PROJ_NO: 2192

SDG: C7E050116 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	03TP12-0304-02	nsample	03TP12-0405-01	nsample	03TP13-0203-01
samp_date	5/4/2007	samp_date	5/4/2007	samp_date	5/4/2007
lab_id	C7E050116003	lab_id	C7E050116002	lab_id	C7E050116007
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	81.0	Pct_Solids	83.0	Pct_Solids	85.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	4.1		
4,4'-DDE	15		
4,4'-DDT	1.5	J	
ALDRIN	1.9	J	
ALPHA-BHC	2.1	U	
ALPHA-CHLORDANE	24		
AROCLOR-1016	21	U	
AROCLOR-1221	21	U	
AROCLOR-1232	21	U	
AROCLOR-1242	37		
AROCLOR-1248	21	U	
AROCLOR-1254	21	U	
AROCLOR-1260	21	U	
AROCLOR-1262	21	U	
AROCLOR-1268	21	U	
BETA-BHC	2.1	U	
DELTA-BHC	1.4	J	
DIELDRIN	15		
ENDOSULFAN I	2.1	U	
ENDOSULFAN II	2.1	U	
ENDOSULFAN SULFATE	2.1	U	
ENDRIN	2.1	U	
ENDRIN ALDEHYDE	2.1	U	
ENDRIN KETONE	2.1	U	
GAMMA-BHC (LINDANE)	6.9		
GAMMA-CHLORDANE	20		
HEPTACHLOR	0.53	J	
HEPTACHLOR EPOXIDE	3.7	PG	
METHOXYCHLOR	4.1	U	
TOXAPHENE	83	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	5.5	PG	
4,4'-DDE	18		
4,4'-DDT	2.1	U	
ALDRIN	6.5		
ALPHA-BHC	2.1	U	
ALPHA-CHLORDANE	91		
AROCLOR-1016	20	U	
AROCLOR-1221	20	U	
AROCLOR-1232	20	U	
AROCLOR-1242	110		
AROCLOR-1248	20	U	
AROCLOR-1254	20	U	
AROCLOR-1260	53		
AROCLOR-1262	20	U	
AROCLOR-1268	20	U	
BETA-BHC	2.1	U	
DELTA-BHC	2.7		
DIELDRIN	140		
ENDOSULFAN I	2.1	U	
ENDOSULFAN II	2.1	U	
ENDOSULFAN SULFATE	0.62	J	
ENDRIN	2.1	U	
ENDRIN ALDEHYDE	2	J	
ENDRIN KETONE	2.1	U	
GAMMA-BHC (LINDANE)	2.8		
GAMMA-CHLORDANE	57		
HEPTACHLOR	2.8	PG	
HEPTACHLOR EPOXIDE	5.4	PG	
METHOXYCHLOR	2.1	J	
TOXAPHENE	81	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	2	U	
4,4'-DDE	0.72	J	
4,4'-DDT	0.39	J	
ALDRIN	2	U	
ALPHA-BHC	2	U	
ALPHA-CHLORDANE	2	U	
AROCLOR-1016	20	U	
AROCLOR-1221	20	U	
AROCLOR-1232	20	U	
AROCLOR-1242	20	U	
AROCLOR-1248	20	U	
AROCLOR-1254	20	U	
AROCLOR-1260	20	U	
AROCLOR-1262	20	U	
AROCLOR-1268	20	U	
BETA-BHC	2	U	
DELTA-BHC	2	U	
DIELDRIN	0.24	J	
ENDOSULFAN I	2	U	
ENDOSULFAN II	2	U	
ENDOSULFAN SULFATE	2	U	
ENDRIN	2	U	
ENDRIN ALDEHYDE	2	U	
ENDRIN KETONE	2	U	
GAMMA-BHC (LINDANE)	2	U	
GAMMA-CHLORDANE	2	U	
HEPTACHLOR	2	U	
HEPTACHLOR EPOXIDE	2	U	
METHOXYCHLOR	3.9	U	
TOXAPHENE	79	U	

PROJ_NO: 2192

SDG: C7E050116 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	03TP14-0203-01
samp_date	5/4/2007
lab_id	C7E050116008
qc_type	NM
units	UG/KG
Pct_Solids	79.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	11	U	
4,4'-DDE	11	U	
4,4'-DDT	20		
ALDRIN	11	U	
ALPHA-BHC	11	U	
ALPHA-CHLORDANE	330		
AROCLOR-1016	21	U	
AROCLOR-1221	21	U	
AROCLOR-1232	21	U	
AROCLOR-1242	21	U	
AROCLOR-1248	21	U	
AROCLOR-1254	21	U	
AROCLOR-1260	21	U	
AROCLOR-1262	21	U	
AROCLOR-1268	21	U	
BETA-BHC	11	U	
DELTA-BHC	11	U	
DIELDRIN	400		
ENDOSULFAN I	11	U	
ENDOSULFAN II	11	U	
ENDOSULFAN SULFATE	11	U	
ENDRIN	11	U	
ENDRIN ALDEHYDE	11	U	
ENDRIN KETONE	11	U	
GAMMA-BHC (LINDANE)	4.5	J	
GAMMA-CHLORDANE	230		
HEPTACHLOR	11	U	
HEPTACHLOR EPOXIDE	12	PG	
METHOXYCHLOR	21	U	
TOXAPHENE	420	U	

Data Qualifier Key:

B	- Positive result is considered to be an artifact of blank contamination and should not be considered present.
J	- Value is considered estimated due to exceedance of technical quality control or because result is less than the Contract Required Quantitation Limit (CRQL).
K	- Positive result is considered biased high due to exceedance of technical quality control criteria.
L	- Positive result is considered biased low due to exceedance of technical quality control criteria.
U	- Value is a non-detected result as reported by the laboratory.
UL	- Non-detected result is considered biased low due to exceedance of technical quality control criteria.
UR	- Non-detected result is considered unusable due to exceedance of technical quality control criteria.

Qualifier Codes:

a	=	Lab Blank Contamination
b	=	Field Blank Contamination
c	=	Calibration (i.e., %RSDs, %Ds, ICVs, CCVs, RPDs, RRFs, etc.) Noncompliance
d	=	MS/MSD Noncompliance
e	=	LSC/LSCD Noncompliance
f	=	Laboratory Duplicate Imprecision
g	=	Field Duplicate Imprecision
h	=	Holding Time Exceedance
i	=	ICP Serial Dilution Noncompliance
j	=	GFAA PDS – GFAA MSA's r<0.995 (correlation coefficient)
k	=	ICP Interference – include ICSAB %Rs
l	=	Instrument Calibration Range Exceedance
m	=	Sample Preservation
n	=	Internal Standard Noncompliance
o	=	Poor Instrument Performance (i.e. baseline drifting)
p	=	Uncertainty Near Detection Limit (<2 x IDL for inorganics and < CRQL for organics)
q	=	Other Problems (can encompass of number of issues)
r	=	Surrogates Recovery Noncompliance
s	=	Pesticide/PCB Resolution
t	=	% Breakdown Noncompliance for DDT and Endrin
u	=	Pesticide/PCB % Difference Between Columns for Positive Results
v	=	Non-linear Calibrations, Tuning r <0.995 (correlation coefficient)

APPENDIX B

Laboratory Analytical Results

Tetra Tech NUS, Inc

Client Sample ID: TB-050407

GC/MS Volatiles

Lot-Sample #...:	C7E050116-001	**Work Order #...:**	JWDEE1AA	**Matrix.....:**	WATER
Date Sampled...:	05/04/07	**Date Received..:**	05/05/07	**MS Run #.....:**	7134053
Prep Date.....:	05/14/07	**Analysis Date..:**	05/14/07		
Prep Batch #...:	7134083	**Analysis Time..:**	06:50		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 mL	**Final Wgt/Vol..:**	5 mL
Analyst ID.....:	010099	**Instrument ID..:**	HP3		
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Chlorodibromomethane	ND	5.0	ug/L	0.50
o-Xylene	ND	5.0	ug/L	0.89
m-Xylene & p-Xylene	ND	10	ug/L	1.6
1,2,3-Trichlorobenzene	ND	5.0	ug/L	0.33
Bromochloromethane	ND	5.0	ug/L	0.96
Acetone	ND	20	ug/L	5.0
Benzene	ND	5.0	ug/L	0.81
Bromodichloromethane	ND	5.0	ug/L	0.58
Bromoform	ND	5.0	ug/L	0.37
Bromomethane	ND	5.0	ug/L	0.75
2-Butanone	ND	5.0	ug/L	0.73
Carbon disulfide	ND	5.0	ug/L	1.1
Carbon tetrachloride	ND	5.0	ug/L	0.91
Chlorobenzene	ND	5.0	ug/L	0.71
Chloroethane	ND	5.0	ug/L	1.2
Chloroform	ND	5.0	ug/L	0.78
Chloromethane	ND	5.0	ug/L	0.87
Cyclohexane	ND	5.0	ug/L	1.1
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/L	1.3
1,2-Dibromoethane	ND	5.0	ug/L	0.64
1,3-Dichlorobenzene	ND	5.0	ug/L	0.66
1,4-Dichlorobenzene	ND	5.0	ug/L	0.60
1,2-Dichlorobenzene	ND	5.0	ug/L	0.65
Dichlorodifluoromethane	ND	5.0	ug/L	1.0
1,1-Dichloroethane	ND	5.0	ug/L	1.0
1,2-Dichloroethane	ND	5.0	ug/L	0.64
1,1-Dichloroethene	ND	5.0	ug/L	0.87
cis-1,2-Dichloroethene	ND	5.0	ug/L	1.0
trans-1,2-Dichloroethene	ND	5.0	ug/L	0.90
1,2-Dichloropropane	ND	5.0	ug/L	0.67
cis-1,3-Dichloropropene	ND	5.0	ug/L	0.79
trans-1,3-Dichloropropene	ND	5.0	ug/L	0.57
Ethylbenzene	ND	5.0	ug/L	0.58
2-Hexanone	ND	5.0	ug/L	0.45
Isopropylbenzene	ND	5.0	ug/L	0.72
Methyl acetate	ND	5.0	ug/L	0.47

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Tetra Tech NUS, Inc

Client Sample ID: TB-050407

GC/MS Volatiles

Lot-Sample #...: C7E050116-001 Work Order #...: JWDEE1AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methylene chloride	ND	5.0	ug/L	0.75
Methylcyclohexane	ND	5.0	ug/L	1.1
4-Methyl-2-pentanone	ND	5.0	ug/L	0.46
Methyl tert-butyl ether	ND	5.0	ug/L	0.77
Styrene	ND	5.0	ug/L	0.80
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	0.63
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.42
Tetrachloroethene	ND	5.0	ug/L	0.57
1,1,1-Trichloroethane	ND	5.0	ug/L	0.79
1,1,2-Trichloroethane	ND	5.0	ug/L	0.79
Trichloroethene	ND	5.0	ug/L	0.88
Trichlorofluoromethane	ND	5.0	ug/L	0.80
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/L	1.2
Toluene	ND	5.0	ug/L	0.80
Vinyl chloride	ND	5.0	ug/L	0.94

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(70 - 120)
Toluene-d8	103	(85 - 120)
4-Bromofluorobenzene	96	(75 - 120)
Dibromofluoromethane	94	(85 - 115)

Tetra Tech NUS, Inc

Client Sample ID: 03TP11-0304-01

GC/MS Volatiles

Lot-Sample #...:	C7E050116-005	**Work Order #...:**	JWDEK1AM	**Matrix.....:**	SOLID
Date Sampled...:	05/04/07	**Date Received..:**	05/05/07	**MS Run #.....:**	7130078
Prep Date.....:	05/10/07	**Analysis Date..:**	05/10/07		
Prep Batch #...:	7130081	**Analysis Time..:**	10:13		
Dilution Factor:	0.84	**Initial Wgt/Vol:**	5.97 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	16	**Analyst ID.....:**	010099	**Instrument ID..:**	HP4
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Bromochloromethane	ND	5.0	ug/kg	1.2
Chlorodibromomethane	ND	5.0	ug/kg	0.93
o-Xylene	ND	5.0	ug/kg	1.1
m-Xylene & p-Xylene	ND	10	ug/kg	2.5
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	1.1
Acetone	ND	20	ug/kg	5.0
Benzene	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	0.97
Bromoform	ND	5.0	ug/kg	1.0
Bromomethane	ND	5.0	ug/kg	1.3
2-Butanone	ND	5.0	ug/kg	0.97
Carbon disulfide	ND	5.0	ug/kg	1.2
Carbon tetrachloride	ND	5.0	ug/kg	0.89
Chlorobenzene	ND	5.0	ug/kg	1.1
Chloroethane	ND	5.0	ug/kg	1.4
Chloroform	ND	5.0	ug/kg	1.1
Chloromethane	ND	5.0	ug/kg	1.1
Cyclohexane	ND	5.0	ug/kg	1.0
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/kg	0.84
1,2-Dibromoethane	ND	5.0	ug/kg	1.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	1.1
1,4-Dichlorobenzene	ND	5.0	ug/kg	1.1
1,2-Dichlorobenzene	ND	5.0	ug/kg	1.1
Dichlorodifluoromethane	ND	5.0	ug/kg	1.3
1,1-Dichloroethane	ND	5.0	ug/kg	0.98
1,2-Dichloroethane	ND	5.0	ug/kg	1.1
1,1-Dichloroethene	ND	5.0	ug/kg	1.2
cis-1,2-Dichloroethene	ND	5.0	ug/kg	1.1
trans-1,2-Dichloroethene	ND	5.0	ug/kg	1.2
1,2-Dichloropropane	ND	5.0	ug/kg	1.1
cis-1,3-Dichloropropene	ND	5.0	ug/kg	0.90
trans-1,3-Dichloropropene	ND	5.0	ug/kg	0.87
Ethylbenzene	ND	5.0	ug/kg	1.2
2-Hexanone	ND	5.0	ug/kg	0.79
Isopropylbenzene	ND	5.0	ug/kg	1.1
Methyl acetate	ND	5.0	ug/kg	1.1

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Tetra Tech NUS, Inc

Client Sample ID: 03TP11-0304-01

GC/MS Volatiles

Lot-Sample #...: C7E050116-005 **Work Order #...:** JWDEK1AM **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methylene chloride	**5.1 B**	**5.0**	**ug/kg**	**0.77**
Methylcyclohexane	ND	5.0	ug/kg	1.1
4-Methyl-2-pentanone	ND	5.0	ug/kg	0.87
Methyl t rt-butyl ether	ND	5.0	ug/kg	0.92
Styrene	ND	5.0	ug/kg	1.1
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	1.1
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	1.0
Tetrachloroethene	ND	5.0	ug/kg	1.3
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	1.1
Trichloroethene	ND	5.0	ug/kg	1.1
Trichlorofluoromethane	ND	5.0	ug/kg	1.6
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	1.2
Toluene	ND	5.0	ug/kg	0.79
Vinyl chloride	ND	5.0	ug/kg	1.1

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(70 - 130)
Tolu ne-d8	107	(85 - 115)
4-Bromofluorobenzene	100	(85 - 120)
Dibromofluoromethane	95	(70 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Tetra Tech NUS, Inc

Client Sample ID: 03TP11-0405-02

GC/MS Volatiles

Lot-Sample #...:	C7E050116-006	**Work Order #...:**	JWDEL1A8	**Matrix.....:**	SOLID
Date Sampled...:	05/04/07	**Date Received..:**	05/05/07	**MS Run #.....:**	7130078
Prep Date.....:	05/10/07	**Analysis Date..:**	05/10/07		
Prep Batch #...:	7130081	**Analysis Time..:**	06:39		
Dilution Factor:	0.88	**Initial Wgt/Vol:**	5.65 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	16	**Analyst ID.....:**	010099	**Instrument ID..:**	HP4
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Bromochloromethane	ND	5.3	ug/kg	1.2
Chlorodibromomethane	ND	5.3	ug/kg	0.97
o-Xylene	ND	5.3	ug/kg	1.1
m-Xylene & p-Xylene	ND	11	ug/kg	2.6
1,2,3-Trichlorobenzene	ND	5.3	ug/kg	1.2
Acetone	ND	21	ug/kg	5.3
Benzene	ND	5.3	ug/kg	1.1
Bromodichloromethane	ND	5.3	ug/kg	1.0
Bromoform	ND	5.3	ug/kg	1.1
Bromomethane	ND	5.3	ug/kg	1.3
2-Butanone	ND	5.3	ug/kg	1.0
Carbon disulfide	ND	5.3	ug/kg	1.3
Carbon tetrachloride	ND	5.3	ug/kg	0.94
Chlorobenzene	ND	5.3	ug/kg	1.2
Chloroethane	ND	5.3	ug/kg	1.5
Chloroform	ND	5.3	ug/kg	1.1
Chloromethane	ND	5.3	ug/kg	1.2
Cyclohexane	ND	5.3	ug/kg	1.1
1,2-Dibromo-3-chloro-propane	ND	5.3	ug/kg	0.88
1,2-Dibromoethane	ND	5.3	ug/kg	1.1
1,3-Dichlorobenzene	ND	5.3	ug/kg	1.1
1,4-Dichlorobenzene	ND	5.3	ug/kg	1.2
1,2-Dichlorobenzene	ND	5.3	ug/kg	1.2
Dichlorodifluoromethane	ND	5.3	ug/kg	1.3
1,1-Dichloroethane	ND	5.3	ug/kg	1.0
1,2-Dichloroethane	ND	5.3	ug/kg	1.1
1,1-Dichloroethene	ND	5.3	ug/kg	1.2
cis-1,2-Dichloroethene	ND	5.3	ug/kg	1.1
trans-1,2-Dichloroethene	ND	5.3	ug/kg	1.2
1,2-Dichloropropane	ND	5.3	ug/kg	1.2
cis-1,3-Dichloropropene	ND	5.3	ug/kg	0.94
trans-1,3-Dichloropropene	ND	5.3	ug/kg	0.92
Ethylbenzene	ND	5.3	ug/kg	1.2
2-Hexanone	ND	5.3	ug/kg	0.83
Isopropylbenzene	ND	5.3	ug/kg	1.1
Methyl acetate	ND	5.3	ug/kg	1.1

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Tetra Tech NUS, Inc

Client Sample ID: 03TP11-0405-02

GC/MS Volatiles

Lot-Sample #...: C7E050116-006 **Work Order #...:** JWDEL1A8 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methylene chloride	**7.2 B**	**5.3**	**ug/kg**	**0.81**
Methylcyclohexane	ND	5.3	ug/kg	1.2
4-Methyl-2-pentanone	ND	5.3	ug/kg	0.91
Methyl tert-butyl ether	ND	5.3	ug/kg	0.97
Styrene	ND	5.3	ug/kg	1.2
1,1,2,2-Tetrachloroethane	ND	5.3	ug/kg	1.2
1,2,4-Trichloro-benzene	ND	5.3	ug/kg	1.1
Tetrachloroethene	ND	5.3	ug/kg	1.4
1,1,1-Trichloroethane	ND	5.3	ug/kg	1.1
1,1,2-Trichloroethane	ND	5.3	ug/kg	1.1
Trichloroethene	ND	5.3	ug/kg	1.2
Trichlorofluoromethane	ND	5.3	ug/kg	1.7
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.3	ug/kg	1.3
Toluene	ND	5.3	ug/kg	0.83
Vinyl chloride	ND	5.3	ug/kg	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	79	(70 - 130)
Toluene-d8	94	(85 - 115)
4-Bromofluorobenzene	90	(85 - 120)
Dibromofluoromethane	84	(70 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Tetra Tech NUS, Inc

Client Sample ID: 03TP12-0102-03

GC/MS Volatiles

Lot-Sample #...:	C7E050116-004	**Work Order #...:**	JWDEJ1AM	**Matrix.....:**	SOLID
Date Sampled...:	05/04/07	**Date Received..:**	05/05/07	**MS Run #.....:**	7130078
Prep Date.....:	05/10/07	**Analysis Date..:**	05/10/07		
Prep Batch #...:	7130081	**Analysis Time..:**	09:49		
Dilution Factor:	0.83	**Initial Wgt/Vol:**	6 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	16	**Analyst ID.....:**	010099	**Instrument ID..:**	HP4
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Bromochloromethane	ND	5.0	ug/kg	1.2
Chlorodibromomethane	ND	5.0	ug/kg	0.92
o-Xylene	ND	5.0	ug/kg	1.0
m-Xylene & p-Xylene	ND	9.9	ug/kg	2.5
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	1.1
Acetone	ND	20	ug/kg	5.0
Benzene	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	0.96
Bromoform	ND	5.0	ug/kg	1.0
Bromomethane	ND	5.0	ug/kg	1.3
2-Butanone	ND	5.0	ug/kg	0.96
Carbon disulfide	ND	5.0	ug/kg	1.2
Carbon tetrachloride	ND	5.0	ug/kg	0.89
Chlorobenzene	ND	5.0	ug/kg	1.1
Chloroethane	ND	5.0	ug/kg	1.4
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	5.0	ug/kg	1.1
Cyclohexane	ND	5.0	ug/kg	0.99
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/kg	0.83
1,2-Dibromoethane	ND	5.0	ug/kg	1.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	1.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	1.1
1,2-Dichlorobenzene	ND	5.0	ug/kg	1.1
Dichlorodifluoromethane	ND	5.0	ug/kg	1.3
1,1-Dichloroethane	ND	5.0	ug/kg	0.97
1,2-Dichloroethane	ND	5.0	ug/kg	1.1
1,1-Dichloroethene	ND	5.0	ug/kg	1.2
cis-1,2-Dichloroethene	ND	5.0	ug/kg	1.1
trans-1,2-Dichloroethene	ND	5.0	ug/kg	1.2
1,2-Dichloropropane	ND	5.0	ug/kg	1.1
cis-1,3-Dichloropropene	ND	5.0	ug/kg	0.89
trans-1,3-Dichloropropene	ND	5.0	ug/kg	0.86
Ethylbenzene	ND	5.0	ug/kg	1.2
2-Hexanone	ND	5.0	ug/kg	0.79
Isopropylbenzene	ND	5.0	ug/kg	1.1
Methyl acetate	ND	5.0	ug/kg	1.1

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Tetra Tech NUS, Inc

Client Sample ID: 03TP12-0102-03

GC/MS Volatiles

Lot-Sample #...: C7E050116-004 **Work Order #...:** JWDEJ1AM **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methylene chloride	**3.5 J,B**	**5.0**	**ug/kg**	**0.76**
Methylcyclohexane	ND	5.0	ug/kg	1.1
4-Methyl-2-pentanone	ND	5.0	ug/kg	0.86
Methyl tert-butyl ether	ND	5.0	ug/kg	0.92
Styrene	ND	5.0	ug/kg	1.1
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	1.1
1,2,4-Trichloro-benz ne	ND	5.0	ug/kg	1.0
Tetrachloroethene	ND	5.0	ug/kg	1.3
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	1.1
Trichloroethene	ND	5.0	ug/kg	1.1
Trichlorofluoromethane	ND	5.0	ug/kg	1.6
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	1.2
Toluene	ND	5.0	ug/kg	0.79
Vinyl chloride	ND	5.0	ug/kg	1.1

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	84	(70 - 130)
Toluene-d8	97	(85 - 115)
4-Bromofluorobenzene	90	(85 - 120)
Dibromofluoromethane	88	(70 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated: The analyte was positively identified; the quanitation is estimated.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Tetra Tech NUS, Inc

Client Sample ID: 03TP12-0304-02

GC/MS Volatiles

Lot-Sample #...:	C7E050116-003	**Work Order #...:**	JWDEH1AM	**Matrix.....:**	SOLID
Date Sampled...:	05/04/07	**Date Received..:**	05/05/07	**MS Run #.....:**	7130078
Prep Date.....:	05/10/07	**Analysis Date..:**	05/10/07		
Prep Batch #...:	7130081	**Analysis Time..:**	09:25		
Dilution Factor:	0.9	**Initial Wgt/Vol:**	5.55 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	19	**Analyst ID.....:**	010099	**Instrument ID..:**	HP4
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Bromochloromethane	ND	5.6	ug/kg	1.3
Chlorodibromomethane	ND	5.6	ug/kg	1.0
o-Xylene	ND	5.6	ug/kg	1.2
m-Xylene & p-Xylene	ND	11	ug/kg	2.8
1,2,3-Trichlorobenzene	ND	5.6	ug/kg	1.2
Acetone	**16 J**	**22**	**ug/kg**	**5.6**
Benzene	ND	5.6	ug/kg	1.2
Bromodichloromethane	ND	5.6	ug/kg	1.1
Bromoform	ND	5.6	ug/kg	1.1
Bromomethane	ND	5.6	ug/kg	1.4
2-Butanone	ND	5.6	ug/kg	1.1
Carbon disulfide	ND	5.6	ug/kg	1.4
Carbon tetrachloride	ND	5.6	ug/kg	0.99
Chlorobenzene	ND	5.6	ug/kg	1.2
Chloroethane	ND	5.6	ug/kg	1.6
Chloroform	ND	5.6	ug/kg	1.2
Chloromethane	ND	5.6	ug/kg	1.2
Cyclohexane	ND	5.6	ug/kg	1.1
1,2-Dibromo-3-chloro-propane	ND	5.6	ug/kg	0.94
1,2-Dibromoethane	ND	5.6	ug/kg	1.2
1,3-Dichlorobenzene	ND	5.6	ug/kg	1.2
1,4-Dichlorobenzene	ND	5.6	ug/kg	1.2
1,2-Dichlorobenzene	ND	5.6	ug/kg	1.2
Dichlorodifluoromethane	ND	5.6	ug/kg	1.4
1,1-Dichloroethane	ND	5.6	ug/kg	1.1
1,2-Dichloroethane	ND	5.6	ug/kg	1.2
1,1-Dichloroethene	ND	5.6	ug/kg	1.3
cis-1,2-Dichloroethene	ND	5.6	ug/kg	1.2
trans-1,2-Dichloroethene	ND	5.6	ug/kg	1.3
1,2-Dichloropropane	ND	5.6	ug/kg	1.2
cis-1,3-Dichloropropene	ND	5.6	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.6	ug/kg	0.97
Ethylbenzene	ND	5.6	ug/kg	1.3
2-Hexanone	ND	5.6	ug/kg	0.88
Isopropylbenzene	ND	5.6	ug/kg	1.2
Methyl acetate	ND	5.6	ug/kg	1.2

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Tetra Tech NUS, Inc

Client Sample ID: 03TP12-0304-02

GC/MS Volatiles

Lot-Sample #...: C7E050116-003 **Work Order #...:** JWDEH1AM **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methylene chloride	**3.3 J,B**	**5.6**	**ug/kg**	**0.85**
Methylcyclohexane	ND	5.6	ug/kg	1.2
4-Methyl-2-pentanone	ND	5.6	ug/kg	0.97
Methyl tert-butyl ether	ND	5.6	ug/kg	1.0
Styrene	ND	5.6	ug/kg	1.2
1,1,2,2-Tetrachloroethane	ND	5.6	ug/kg	1.3
1,2,4-Trichloro-benzene	ND	5.6	ug/kg	1.1
Tetrachloroethene	ND	5.6	ug/kg	1.4
1,1,1-Trichloroethane	ND	5.6	ug/kg	1.1
1,1,2-Trichloroethane	ND	5.6	ug/kg	1.2
Trichloroethene	ND	5.6	ug/kg	1.2
Trichlorofluoromethane	ND	5.6	ug/kg	1.8
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.6	ug/kg	1.4
Toluene	ND	5.6	ug/kg	0.88
Vinyl chloride	ND	5.6	ug/kg	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	83	(70 - 130)
Toluene-d8	97	(85 - 115)
4-Bromofluorobenzene	90	(85 - 120)
Dibromofluoromethane	87	(70 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated: The analyte was positively identified; the quantitation is estimated.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Tetra Tech NUS, Inc

Client Sample ID: 03TP12-0405-01

GC/MS Volatiles

Lot-Sample #...:	C7E050116-002	**Work Order #...:**	JWDEF1AC	**Matrix.....:**	SOLID
Date Sampled...:	05/04/07	**Date Received..:**	05/05/07	**MS Run #.....:**	7130078
Prep Date.....:	05/10/07	**Analysis Date..:**	05/10/07		
Prep Batch #...:	7130081	**Analysis Time..:**	09:01		
Dilution Factor:	0.89	**Initial Wgt/Vol:**	5.63 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	17	**Analyst ID.....:**	010099	**Instrument ID..:**	HP4
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Bromochloromethane	ND	5.4	ug/kg	1.3
Chlorodibromomethane	ND	5.4	ug/kg	0.99
o-Xylene	ND	5.4	ug/kg	1.1
m-Xylene & p-Xylene	ND	11	ug/kg	2.7
1,2,3-Trichlorobenzene	ND	5.4	ug/kg	1.2
Acetone	**33**	**22**	**ug/kg**	**5.4**
Benzene	ND	5.4	ug/kg	1.1
Bromodichloromethane	ND	5.4	ug/kg	1.0
Bromoform	ND	5.4	ug/kg	1.1
Bromomethane	ND	5.4	ug/kg	1.4
2-Butanone	**5.5**	**5.4**	**ug/kg**	**1.0**
Carbon disulfide	ND	5.4	ug/kg	1.3
Carbon tetrachloride	ND	5.4	ug/kg	0.96
Chlorobenzene	ND	5.4	ug/kg	1.2
Chloroethane	ND	5.4	ug/kg	1.5
Chloroform	ND	5.4	ug/kg	1.1
Chloromethane	ND	5.4	ug/kg	1.2
Cyclohexane	ND	5.4	ug/kg	1.1
1,2-Dibromo-3-chloro-propane	ND	5.4	ug/kg	0.90
1,2-Dibromoethane	ND	5.4	ug/kg	1.1
1,3-Dichlorobenzene	ND	5.4	ug/kg	1.1
1,4-Dichlorobenzene	ND	5.4	ug/kg	1.2
1,2-Dichlorobenzene	ND	5.4	ug/kg	1.2
Dichlorodifluoromethane	ND	5.4	ug/kg	1.4
1,1-Dichloroethane	ND	5.4	ug/kg	1.0
1,2-Dichloroethane	ND	5.4	ug/kg	1.2
1,1-Dichloroethene	ND	5.4	ug/kg	1.3
cis-1,2-Dichloroethene	ND	5.4	ug/kg	1.2
trans-1,2-Dichloroethene	ND	5.4	ug/kg	1.2
1,2-Dichloropropane	ND	5.4	ug/kg	1.2
cis-1,3-Dichloropropene	ND	5.4	ug/kg	0.96
trans-1,3-Dichloropropene	ND	5.4	ug/kg	0.94
Ethylbenzene	ND	5.4	ug/kg	1.3
2-Hexanone	ND	5.4	ug/kg	0.85
Isopropylbenzene	ND	5.4	ug/kg	1.2
Methyl acetate	ND	5.4	ug/kg	1.1

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Tetra Tech NUS, Inc

Client Sample ID: 03TP12-0405-01

GC/MS Volatiles

Lot-Sample #...: C7E050116-002 **Work Order #...:** JWDEF1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methylene chloride	**3.5 J,B**	**5.4**	**ug/kg**	**0.82**
Methylcyclohexane	ND	5.4	ug/kg	1.2
4-Methyl-2-pentanone	ND	5.4	ug/kg	0.93
Methyl tert-butyl ether	ND	5.4	ug/kg	0.99
Styrene	ND	5.4	ug/kg	1.2
1,1,2,2-Tetrachloroethane	ND	5.4	ug/kg	1.2
1,2,4-Trichloro-benzene	ND	5.4	ug/kg	1.1
Tetrachloroethene	ND	5.4	ug/kg	1.4
1,1,1-Trichloroethane	ND	5.4	ug/kg	1.1
1,1,2-Trichloroethane	ND	5.4	ug/kg	1.1
Trichloroethene	ND	5.4	ug/kg	1.2
Trichlorofluoromethane	ND	5.4	ug/kg	1.7
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.4	ug/kg	1.3
Toluene	ND	5.4	ug/kg	0.85
Vinyl chloride	ND	5.4	ug/kg	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	87	(70 - 130)
Toluene-d8	99	(85 - 115)
4-Bromofluorobenzene	96	(85 - 120)
Dibromofluoromethane	90	(70 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated: The analyte was positively identified; the quanitation is estimated.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Tetra Tech NUS, Inc

Client Sample ID: 03TP13-0203-01

GC/MS Volatiles

Lot-Sample #...:	C7E050116-007	**Work Order #...:**	JWDER1AM	**Matrix.....:**	SOLID
Date Sampled...:	05/04/07	**Date Received..:**	05/05/07	**MS Run #.....:**	7130078
Prep Date.....:	05/10/07	**Analysis Date..:**	05/10/07		
Prep Batch #...:	7130081	**Analysis Time..:**	07:03		
Dilution Factor:	0.84	**Initial Wgt/Vol:**	5.93 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	15	**Analyst ID.....:**	010099	**Instrument ID..:**	HP4
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Bromochloromethane	ND	4.9	ug/kg	1.2
Chlorodibromomethane	ND	4.9	ug/kg	0.91
o-Xylene	ND	4.9	ug/kg	1.0
m-Xylene & p-Xylene	ND	9.9	ug/kg	2.4
1,2,3-Trichlorobenzene	ND	4.9	ug/kg	1.1
Acetone	**6.1 J**	**20**	**ug/kg**	**4.9**
Benzene	ND	4.9	ug/kg	1.0
Bromodichloromethane	ND	4.9	ug/kg	0.96
Bromoform	ND	4.9	ug/kg	1.0
Bromomethane	ND	4.9	ug/kg	1.2
2-Butanone	ND	4.9	ug/kg	0.96
Carbon disulfide	ND	4.9	ug/kg	1.2
Carbon tetrachloride	ND	4.9	ug/kg	0.88
Chlorobenzene	ND	4.9	ug/kg	1.1
Chloroethane	ND	4.9	ug/kg	1.4
Chloroform	ND	4.9	ug/kg	1.0
Chloromethane	ND	4.9	ug/kg	1.1
Cyclohexane	ND	4.9	ug/kg	0.98
1,2-Dibromo-3-chloro-propane	ND	4.9	ug/kg	0.83
1,2-Dibromoethane	ND	4.9	ug/kg	1.0
1,3-Dichlorobenzene	ND	4.9	ug/kg	1.0
1,4-Dichlorobenzene	ND	4.9	ug/kg	1.1
1,2-Dichlorobenzene	ND	4.9	ug/kg	1.1
Dichlorodifluoromethane	ND	4.9	ug/kg	1.3
1,1-Dichloroethane	ND	4.9	ug/kg	0.96
1,2-Dichloroethane	ND	4.9	ug/kg	1.1
1,1-Dichloroethene	ND	4.9	ug/kg	1.2
cis-1,2-Dichloroethene	ND	4.9	ug/kg	1.1
trans-1,2-Dichloroethene	ND	4.9	ug/kg	1.1
1,2-Dichloropropane	ND	4.9	ug/kg	1.1
cis-1,3-Dichloropropene	ND	4.9	ug/kg	0.89
trans-1,3-Dichloropropene	ND	4.9	ug/kg	0.86
Ethylbenzene	ND	4.9	ug/kg	1.2
2-Hexanone	ND	4.9	ug/kg	0.78
Isopropylbenzene	ND	4.9	ug/kg	1.1
Methyl acetate	ND	4.9	ug/kg	1.0

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Tetra Tech NUS, Inc

Client Sample ID: 03TP13-0203-01

GC/MS Volatiles

Lot-Sample #...: C7E050116-007 **Work Order #...:** JWDER1AM **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methylene chloride	**5.5 B**	**4.9**	**ug/kg**	**0.76**
Methylcyclohexane	ND	4.9	ug/kg	1.1
4-Methyl-2-pentanone	ND	4.9	ug/kg	0.86
Methyl tert-butyl ether	ND	4.9	ug/kg	0.91
Styrene	ND	4.9	ug/kg	1.1
1,1,2,2-Tetrachloroethane	ND	4.9	ug/kg	1.1
1,2,4-Trichloro-benzene	ND	4.9	ug/kg	1.0
Tetrachloroethene	ND	4.9	ug/kg	1.3
1,1,1-Trichloroethane	ND	4.9	ug/kg	1.0
1,1,2-Trichloroethane	ND	4.9	ug/kg	1.1
Trichloroethene	ND	4.9	ug/kg	1.1
Trichlorofluoromethane	ND	4.9	ug/kg	1.6
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.9	ug/kg	1.2
Toluene	ND	4.9	ug/kg	0.78
Vinyl chloride	ND	4.9	ug/kg	1.1

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	80	(70 - 130)
Toluene-d8	96	(85 - 115)
4-Bromofluorobenzene	92	(85 - 120)
Dibromofluoromethane	86	(70 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated: The analyte was positively identified; the quanitation is estimated.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Tetra Tech NUS, Inc

Client Sample ID: 03TP14-0203-01

GC/MS Volatiles

Lot-Sample #...:	C7E050116-008	**Work Order #...:**	JWDEV1AM	**Matrix.....:**	SOLID
Date Sampled...:	05/04/07	**Date Received..:**	05/05/07	**MS Run #.....:**	7130078
Prep Date.....:	05/10/07	**Analysis Date..:**	05/10/07		
Prep Batch #...:	7130081	**Analysis Time..:**	07:26		
Dilution Factor:	0.98	**Initial Wgt/Vol:**	5.12 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	21	**Analyst ID.....:**	010099	**Instrument ID..:**	HP4
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Bromochloromethane	ND	6.2	ug/kg	1.5
Chlorodibromomethane	ND	6.2	ug/kg	1.1
o-Xylene	ND	6.2	ug/kg	1.3
m-Xylene & p-Xylene	ND	12	ug/kg	3.1
1,2,3-Trichlorobenzene	ND	6.2	ug/kg	1.4
Acetone	ND	25	ug/kg	6.2
Benzene	ND	6.2	ug/kg	1.3
Bromodichloromethane	ND	6.2	ug/kg	1.2
Bromoform	ND	6.2	ug/kg	1.3
Bromomethane	ND	6.2	ug/kg	1.6
2-Butanone	ND	6.2	ug/kg	1.2
Carbon disulfide	ND	6.2	ug/kg	1.5
Carbon tetrachloride	ND	6.2	ug/kg	1.1
Chlorobenzene	ND	6.2	ug/kg	1.4
Chloroethane	ND	6.2	ug/kg	1.8
Chloroform	ND	6.2	ug/kg	1.3
Chloromethane	ND	6.2	ug/kg	1.4
Cyclohexane	ND	6.2	ug/kg	1.2
1,2-Dibromo-3-chloro-propane	ND	6.2	ug/kg	1.0
1,2-Dibromoethane	ND	6.2	ug/kg	1.3
1,3-Dichlorobenzene	ND	6.2	ug/kg	1.3
1,4-Dichlorobenzene	ND	6.2	ug/kg	1.4
1,2-Dichlorobenzene	ND	6.2	ug/kg	1.4
Dichlorodifluoromethane	ND	6.2	ug/kg	1.6
1,1-Dichloroethane	ND	6.2	ug/kg	1.2
1,2-Dichloroethane	ND	6.2	ug/kg	1.3
1,1-Dichloroethene	ND	6.2	ug/kg	1.4
cis-1,2-Dichloroethene	ND	6.2	ug/kg	1.3
trans-1,2-Dichloroethene	ND	6.2	ug/kg	1.4
1,2-Dichloropropane	ND	6.2	ug/kg	1.4
cis-1,3-Dichloropropene	ND	6.2	ug/kg	1.1
trans-1,3-Dichloropropene	ND	6.2	ug/kg	1.1
Ethylbenzene	ND	6.2	ug/kg	1.5
2-Hexanone	ND	6.2	ug/kg	0.98
Isopropylbenzene	ND	6.2	ug/kg	1.3
Methyl acetate	ND	6.2	ug/kg	1.3

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Tetra Tech NUS, Inc

Client Sample ID: 03TP14-0203-01

GC/MS Volatiles

Lot-Sample #...: C7E050116-008 **Work Order #...:** JWDEV1AM **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methylene chloride	**4.0 J,B**	**6.2**	**ug/kg**	**0.95**
Methylcyclohexane	ND	6.2	ug/kg	1.4
4-Methyl-2-pentanone	ND	6.2	ug/kg	1.1
Methyl tert-butyl ether	ND	6.2	ug/kg	1.1
Styrene	ND	6.2	ug/kg	1.4
1,1,2,2-Tetrachloroethane	ND	6.2	ug/kg	1.4
1,2,4-Trichloro-benzene	ND	6.2	ug/kg	1.3
Tetrachloroethene	ND	6.2	ug/kg	1.6
1,1,1-Trichloroethane	ND	6.2	ug/kg	1.3
1,1,2-Trichloroethane	ND	6.2	ug/kg	1.3
Trichloroethene	ND	6.2	ug/kg	1.4
Trichlorofluoromethane	ND	6.2	ug/kg	2.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.2	ug/kg	1.5
Toluene	ND	6.2	ug/kg	0.98
Vinyl chloride	ND	6.2	ug/kg	1.4

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	78	(70 - 130)
Toluene-d8	91	(85 - 115)
4-Bromofluorobenzene	84 *	(85 - 120)
Dibromofluoromethane	82	(70 - 130)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated: The analyte was positively identified; the quanitation is estimated.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Tetra Tech NUS, Inc

Client Sample ID: 03TP11-0304-01

GC/MS Semivolatiles

Lot-Sample #...:	C7E050116-005	Work Order #...:	JWDEK1AN	Matrix.....:	SOLID
Date Sampled...:	05/04/07 11:55	Date Received..:	05/05/07 09:40	MS Run #.....:	7127006
Prep Date.....:	05/07/07	Analysis Date..:	05/25/07		
Prep Batch #...:	7127015	Analysis Time..:	11:26		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	0.5 mL
% Moisture.....:	16	Analyst ID.....:	007062	Instrument ID..:	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4,5-Tetrachloro-benzene	ND	390	ug/kg	23
2,3,4,6-Tetrachlorophenol	ND	390	ug/kg	28
Acenaphthene	ND	390	ug/kg	31
Acenaphthylene	ND	390	ug/kg	36
Acetophenone	ND	390	ug/kg	59
Anthracene	ND	390	ug/kg	38
Atrazine	ND	390	ug/kg	56
Benzo(a)anthracene	ND	390	ug/kg	39
Benzo(a)pyrene	ND	390	ug/kg	36
Benzo(b)fluoranthene	ND	390	ug/kg	53
B nzo(ghi)perylene	ND	390	ug/kg	34
Benzo(k)fluoranthene	ND	390	ug/kg	51
Benzaldehyde	ND	390	ug/kg	81
1,1'-Biphenyl	ND	390	ug/kg	45
bis(2-Chloroethoxy) methane	ND	390	ug/kg	44
bis(2-Chloroethyl)-ether	ND	390	ug/kg	45
bis(2-Ethylhexyl) phthalate	ND	390	ug/kg	38
4-Bromophenyl phenyl ether	ND	390	ug/kg	33
Butyl benzyl phthalate	ND	390	ug/kg	42
Caprolactam	ND	390	ug/kg	57
Carbazole	ND	390	ug/kg	35
4-Chloroaniline	ND	390	ug/kg	27
4-Chloro-3-methylphenol	ND	390	ug/kg	33
2-Chloronaphthalene	ND	390	ug/kg	35
2-Chlorophenol	ND	390	ug/kg	68
4-Chlorophenyl phenyl ether	ND	390	ug/kg	27
Chrysene	ND	390	ug/kg	38
Dibenz(a,h)anthracene	ND	390	ug/kg	26
Dibenzofuran	ND	390	ug/kg	37
3,3'-Dichlorobenzidine	ND	1900	ug/kg	23
2,4-Dichlorophenol	ND	390	ug/kg	41

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Tetra Tech NUS, Inc

Client Sample ID: 03TP11-0304-01

GC/MS Semivolatiles

Lot-Sample #...: C7E050116-005 Work Order #...: JWDEK1AN Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diethyl phthalate	ND	390	ug/kg	36
2,4-Dimethylphenol	ND	390	ug/kg	34
Dim thyl phthalate	ND	390	ug/kg	32
Di-n-butyl phthalate	ND	390	ug/kg	35
4,6-Dinitro-2-methylphenol	ND	1900	ug/kg	25
2,4-Dinitrophenol	ND	1900	ug/kg	590
2,4-Dinitrotoluene	ND	390	ug/kg	35
2,6-Dinitrotoluene	ND	390	ug/kg	29
Di-n-octyl phthalate	ND	390	ug/kg	34
Fluoranthene	ND	390	ug/kg	37
Fluorene	ND	390	ug/kg	34
Hexachlorobenzene	ND	390	ug/kg	32
Hexachlorobutadiene	ND	390	ug/kg	54
Hexachlorocyclopentadiene	ND	1900	ug/kg	27
Hexachloroethane	ND	390	ug/kg	54
Indeno(1,2,3-cd)pyrene	ND	390	ug/kg	28
Isophorone	ND	390	ug/kg	52
2-Methylnaphthalene	ND	390	ug/kg	41
2-Methylphenol	ND	390	ug/kg	58
4-Methylphenol	ND	390	ug/kg	88
Naphthalene	ND	390	ug/kg	40
2-Nitroaniline	ND	1900	ug/kg	37
3-Nitroaniline	ND	1900	ug/kg	37
4-Nitroaniline	ND	1900	ug/kg	23
Nitrobenzene	ND	390	ug/kg	49
2-Nitrophenol	ND	390	ug/kg	54
4-Nitrophenol	ND	1900	ug/kg	27
N-Nitrosodi-n-propylamine	ND	390	ug/kg	40
N-Nitrosodiphenylamine	ND	390	ug/kg	44
2,2'-oxybis(1-Chloropropane)	ND	390	ug/kg	64
Pentachlorophenol	ND	1900	ug/kg	27
Phenanthrene	**42 J**	**390**	**ug/kg**	**38**
Phenol	ND	390	ug/kg	43
Pyrene	ND	390	ug/kg	43
2,4,5-Trichlorophenol	ND	390	ug/kg	38
2,4,6-Trichlorophenol	ND	390	ug/kg	28

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Tetra Tech NUS, Inc

Client Sample ID: 03TP11-0304-01

GC/MS Semivolatiles

Lot-Sample #...: C7E050116-005 Work Order #...: JWDEK1AN Matrix.....: SOLID

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	59	(45 - 105)
2-Fluorophenol	57	(35 - 105)
Phenol-d5	56	(40 - 100)
2,4,6-Tribromophenol	61	(35 - 125)
Nitrobenzene-d5	54	(35 - 100)
Terphenyl-d14	84	(30 - 125)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated: The analyte was positively identified; the quantitation is estimated.

Tetra Tech NUS, Inc

Client Sample ID: 03TP11-0405-02

GC/MS Semivolatiles

Lot-Sample #...:	C7E050116-006	**Work Order #...:**	JWDEL1CC	**Matrix.....:**	SOLID
Date Sampled...:	05/04/07 12:35	**Date Received..:**	05/05/07 09:40	**MS Run #.....:**	7127006
Prep Date.....:	05/07/07	**Analysis Date..:**	05/25/07		
Prep Batch #...:	7127015	**Analysis Time..:**	11:55		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	0.5 mL
% Moisture.....:	16	**Analyst ID.....:**	007062	**Instrument ID..:**	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4,5-Tetrachloro-benzene	ND	390	ug/kg	23
2,3,4,6-Tetrachlorophenol	ND	390	ug/kg	28
Acenaphthene	ND	390	ug/kg	31
Acenaphthylene	ND	390	ug/kg	36
Acetophenone	ND	390	ug/kg	59
Anthracene	ND	390	ug/kg	38
Atrazine	ND	390	ug/kg	57
Benzo(a)anthracene	ND	390	ug/kg	39
Benzo(a)pyrene	ND	390	ug/kg	36
Benzo(b)fluoranthene	ND	390	ug/kg	53
Benzo(ghi)perylene	ND	390	ug/kg	34
Benzo(k)fluoranthene	ND	390	ug/kg	51
Benzaldehyde	ND	390	ug/kg	81
1,1'-Biphenyl	ND	390	ug/kg	46
bis(2-Chloroethoxy) methane	ND	390	ug/kg	45
bis(2-Chloroethyl)-ether	ND	390	ug/kg	45
bis(2-Ethylhexyl) phthalate	ND	390	ug/kg	39
4-Bromophenyl phenyl ether	ND	390	ug/kg	33
Butyl benzyl phthalate	ND	390	ug/kg	42
Caprolactam	ND	390	ug/kg	57
Carbazole	ND	390	ug/kg	35
4-Chloroaniline	ND	390	ug/kg	27
4-Chloro-3-methylphenol	ND	390	ug/kg	34
2-Chloronaphthalene	ND	390	ug/kg	35
2-Chlorophenol	ND	390	ug/kg	68
4-Chlorophenyl phenyl ether	ND	390	ug/kg	27
Chrysene	ND	390	ug/kg	38
Dibenz(a,h)anthracene	ND	390	ug/kg	26
Dibenzofuran	ND	390	ug/kg	37
3,3'-Dichlorobenzidine	ND	1900	ug/kg	24
2,4-Dichlorophenol	ND	390	ug/kg	41

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Tetra Tech NUS, Inc

Client Sample ID: 03TP11-0405-02

GC/MS Semivolatiles

Lot-Sample #...: C7E050116-006 Work Order #...: JWDEL1CC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diethyl phthalate	ND	390	ug/kg	36
2,4-Dimethylphenol	ND	390	ug/kg	34
Dimethyl phthalate	ND	390	ug/kg	32
Di-n-butyl phthalate	ND	390	ug/kg	35
4,6-Dinitro-2-methylphenol	ND	1900	ug/kg	25
2,4-Dinitrophenol	ND	1900	ug/kg	600
2,4-Dinitrotoluene	ND	390	ug/kg	36
2,6-Dinitrotoluene	ND	390	ug/kg	29
Di-n-octyl phthalate	ND	390	ug/kg	34
Fluoranthene	ND	390	ug/kg	37
Fluorene	ND	390	ug/kg	34
Hexachlorobenzene	ND	390	ug/kg	32
Hexachlorobutadiene	ND	390	ug/kg	54
Hexachlorocyclopentadiene	ND	1900	ug/kg	27
Hexachloroethane	ND	390	ug/kg	54
Indeno(1,2,3-cd)pyrene	ND	390	ug/kg	28
Isophorone	ND	390	ug/kg	52
2-Methylnaphthalene	ND	390	ug/kg	41
2-Methylphenol	ND	390	ug/kg	58
4-Methylphenol	ND	390	ug/kg	89
Naphthalene	ND	390	ug/kg	41
2-Nitroaniline	ND	1900	ug/kg	37
3-Nitroaniline	ND	1900	ug/kg	37
4-Nitroaniline	ND	1900	ug/kg	23
Nitrobenzene	ND	390	ug/kg	49
2-Nitrophenol	ND	390	ug/kg	54
4-Nitrophenol	ND	1900	ug/kg	27
N-Nitrosodi-n-propylamine	ND	390	ug/kg	40
N-Nitrosodiphenylamine	ND	390	ug/kg	44
2,2'-oxybis(1-Chloropropane)	ND	390	ug/kg	64
Pentachlorophenol	ND	1900	ug/kg	27
Phenanthrene	ND	390	ug/kg	38
Phenol	ND	390	ug/kg	43
Pyrene	ND	390	ug/kg	43
2,4,5-Trichlorophenol	ND	390	ug/kg	38
2,4,6-Trichlorophenol	ND	390	ug/kg	28

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Tetra Tech NUS, Inc

Client Sample ID: 03TP11-0405-02

GC/MS Semivolatiles

Lot-Sample #...: C7E050116-006 Work Order #...: JWDEL1CC Matrix.....: SOLID

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	58	(45 - 105)
2-Fluorophenol	56	(35 - 105)
Phenol-d5	55	(40 - 100)
2,4,6-Tribromophenol	66	(35 - 125)
Nitrobenzene-d5	54	(35 - 100)
Terphenyl-d14	90	(30 - 125)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Tetra Tech NUS, Inc

Client Sample ID: 03TP12-0102-03

GC/MS Semivolatiles

Lot-Sample #...:	C7E050116-004	Work Order #...:	JWDEJ1AN	Matrix.....:	SOLID
Date Sampled...:	05/04/07 09:55	Date Received..:	05/05/07 09:40	MS Run #.....:	7127006
Prep Date.....:	05/07/07	Analysis Date..:	05/25/07		
Prep Batch #...:	7127015	Analysis Time..:	10:58		
Dilution Factor:	50	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	0.5 mL
% Moisture.....:	16	Analyst ID.....:	007062	Instrument ID..:	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4,5-Tetrachloro-benzene	ND	20000	ug/kg	1200
2,3,4,6-Tetrachlorophenol	ND	20000	ug/kg	1400
Acenaphthene	**2200 J**	**20000**	**ug/kg**	**1600**
Acenaphthylene	ND	20000	ug/kg	1800
Acetophenone	ND	20000	ug/kg	2900
Anthracene	**11000 J**	**20000**	**ug/kg**	**1900**
Atrazine	ND	20000	ug/kg	2800
Benzo(a)anthracene	**15000 J**	**20000**	**ug/kg**	**2000**
Benzo(a)pyrene	**8800 J**	**20000**	**ug/kg**	**1800**
Benzo(b)fluoranthene	**8600 J**	**20000**	**ug/kg**	**2700**
Benzo(ghi)perylene	**6800 J**	**20000**	**ug/kg**	**1700**
Benzo(k)fluoranthene	**4400 J**	**20000**	**ug/kg**	**2600**
Benzaldehyde	ND	20000	ug/kg	4100
1,1'-Biphenyl	ND	20000	ug/kg	2300
bis(2-Chloroethoxy) methane	ND	20000	ug/kg	2200
bis(2-Chloroethyl)-ether	ND	20000	ug/kg	2300
bis(2-Ethylhexyl) phthalate	ND	20000	ug/kg	1900
4-Bromophenyl phenyl ether	ND	20000	ug/kg	1600
Butyl benzyl phthalate	ND	20000	ug/kg	2100
Caprolactam	ND	20000	ug/kg	2900
Carbazole	**3200 J**	**20000**	**ug/kg**	**1700**
4-Chloroaniline	ND	20000	ug/kg	1300
4-Chloro-3-methylphenol	ND	20000	ug/kg	1700
2-Chloronaphthalene	ND	20000	ug/kg	1800
2-Chlorophenol	ND	20000	ug/kg	3400
4-Chlorophenyl phenyl ether	ND	20000	ug/kg	1400
Chrysene	**13000 J**	**20000**	**ug/kg**	**1900**
Dibenz(a,h)anthracene	ND	20000	ug/kg	1300
Dibenzofuran	ND	20000	ug/kg	1900
3,3'-Dichlorobenzidine	ND	96000	ug/kg	1200
2,4-Dichlorophenol	ND	20000	ug/kg	2100

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Tetra Tech NUS, Inc

Client Sample ID: 03TP12-0102-03

GC/MS Semivolatiles

Lot-Sample #...: C7E050116-004 Work Order #...: JWDEJ1AN Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diethyl phthalate	ND	20000	ug/kg	1800
2,4-Dimethylphenol	ND	20000	ug/kg	1700
Dimethyl phthalate	ND	20000	ug/kg	1600
Di-n-butyl phthalate	ND	20000	ug/kg	1800
4,6-Dinitro-2-methylphenol	ND	96000	ug/kg	1300
2,4-Dinitrophenol	ND	96000	ug/kg	30000
2,4-Dinitrotoluene	ND	20000	ug/kg	1800
2,6-Dinitrotoluene	ND	20000	ug/kg	1500
Di-n-octyl phthalate	ND	20000	ug/kg	1700
Fluoranthene	**31000**	**20000**	**ug/kg**	**1800**
Fluorene	**2600 J**	**20000**	**ug/kg**	**1700**
Hexachlorobenzene	ND	20000	ug/kg	1600
Hexachlorobutadiene	ND	20000	ug/kg	2700
Hexachlorocyclopentadiene	ND	96000	ug/kg	1300
Hexachloroethane	ND	20000	ug/kg	2700
Indeno(1,2,3-cd)pyrene	**7400 J**	**20000**	**ug/kg**	**1400**
Isophorone	ND	20000	ug/kg	2600
2-Methylnaphthalene	ND	20000	ug/kg	2100
2-Methylphenol	ND	20000	ug/kg	2900
4-Methylphenol	ND	20000	ug/kg	4400
Naphthalene	ND	20000	ug/kg	2000
2-Nitroaniline	ND	96000	ug/kg	1800
3-Nitroaniline	ND	96000	ug/kg	1900
4-Nitroaniline	ND	96000	ug/kg	1100
Nitrobenzene	ND	20000	ug/kg	2500
2-Nitrophenol	ND	20000	ug/kg	2700
4-Nitrophenol	ND	96000	ug/kg	1400
N-Nitrosodi-n-propylamine	ND	20000	ug/kg	2000
N-Nitrosodiphenylamine	ND	20000	ug/kg	2200
2,2'-oxybis(1-Chloropropane)	ND	20000	ug/kg	3200
Pentachlorophenol	ND	96000	ug/kg	1400
Phenanthrene	**37000**	**20000**	**ug/kg**	**1900**
Phenol	ND	20000	ug/kg	2200
Pyrene	**33000**	**20000**	**ug/kg**	**2100**
2,4,5-Trichlorophenol	ND	20000	ug/kg	1900
2,4,6-Trichlorophenol	ND	20000	ug/kg	1400

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Tetra Tech NUS, Inc

Client Sample ID: 03TP12-0102-03

GC/MS Semivolatiles

Lot-Sample #...: C7E050116-004 Work Order #...: JWDEJ1AN Matrix.....: SOLID

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	NC,DIL	(45 - 105)
2-Fluorophenol	NC,DIL	(35 - 105)
Phenol-d5	NC,DIL	(40 - 100)
2,4,6-Tribromophenol	NC,DIL	(35 - 125)
Nitrobenzene-d5	NC,DIL	(35 - 100)
Terphenyl-d14	NC,DIL	(30 - 125)

NOTE(S):

NC The recovery and/or RPD were not calculated.

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

J Estimated: The analyte was positively identified; the quantitation is estimated.

Tetra Tech NUS, Inc

Client Sample ID: 03TP12-0304-02

GC/MS Semivolatiles

Lot-Sample #...:	C7E050116-003	Work Order #...:	JWDEH1AN	Matrix.....:	SOLID
Date Sampled...:	05/04/07 08:55	Date Received..:	05/05/07 09:40	MS Run #.....:	7127006
Prep Date.....:	05/07/07	Analysis Date..:	05/24/07		
Prep Batch #...:	7127015	Analysis Time..:	18:15		
Dilution Factor:	2	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	0.5 mL
% Moisture.....:	19	Analyst ID.....:	007062	Instrument ID..:	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4,5-Tetrachloro-benzene	ND	820	ug/kg	48
2,3,4,6-Tetrachlorophenol	ND	820	ug/kg	58
Acenaphthene	ND	820	ug/kg	64
Acenaphthylene	ND	820	ug/kg	75
Acetophenone	ND	820	ug/kg	120
Anthracene	ND	820	ug/kg	78
Atrazine	ND	820	ug/kg	120
Benzo(a)anthracene	**110 J**	**820**	**ug/kg**	**81**
Benzo(a)pyrene	**100 J**	**820**	**ug/kg**	**74**
Benzo(b)fluoranthene	**110 J**	**820**	**ug/kg**	**110**
Benzo(ghi)perylene	**100 J**	**820**	**ug/kg**	**71**
Benzo(k)fluoranthene	ND	820	ug/kg	110
Benzaldehyde	ND	820	ug/kg	170
1,1'-Biphenyl	ND	820	ug/kg	94
bis(2-Chloroethoxy) methane	ND	820	ug/kg	92
bis(2-Chloroethyl)-ether	ND	820	ug/kg	93
bis(2-Ethylhexyl) phthalate	ND	820	ug/kg	80
4-Bromophenyl phenyl ether	ND	820	ug/kg	68
Butyl benzyl phthalate	ND	820	ug/kg	87
Caprolactam	ND	820	ug/kg	120
Carbazole	ND	820	ug/kg	72
4-Chloroaniline	ND	820	ug/kg	55
4-Chloro-3-methylphenol	ND	820	ug/kg	69
2-Chloronaphthalene	ND	820	ug/kg	73
2-Chlorophenol	ND	820	ug/kg	140
4-Chlorophenyl phenyl ether	ND	820	ug/kg	57
Chrysene	**180 J**	**820**	**ug/kg**	**79**
Dibenz(a,h)anthracene	ND	820	ug/kg	54
Dibenzofuran	ND	820	ug/kg	77
3,3'-Dichlorobenzidine	ND	4000	ug/kg	49
2,4-Dichlorophenol	ND	820	ug/kg	85

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Tetra Tech NUS, Inc

Client Sample ID: 03TP12-0304-02

GC/MS Semivolatiles

Lot-Sample #...: C7E050116-003 Work Order #...: JWDEH1AN Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diethyl phthalate	ND	820	ug/kg	75
2,4-Dimethylphenol	ND	820	ug/kg	71
Dimethyl phthalate	ND	820	ug/kg	66
Di-n-butyl phthalate	ND	820	ug/kg	73
4,6-Dinitro-2-methylphenol	ND	4000	ug/kg	52
2,4-Dinitrophenol	ND	4000	ug/kg	1200
2,4-Dinitrotoluene	ND	820	ug/kg	74
2,6-Dinitrotoluene	ND	820	ug/kg	61
Di-n-octyl phthalate	ND	820	ug/kg	71
Fluoranthene	**280 J**	**820**	**ug/kg**	**76**
Fluorene	ND	820	ug/kg	71
Hexachlorobenzene	ND	820	ug/kg	67
Hexachlorobutadiene	ND	820	ug/kg	110
Hexachlorocyclopentadiene	ND	4000	ug/kg	55
Hexachloroethane	ND	820	ug/kg	110
Indeno(1,2,3-cd)pyrene	**110 J**	**820**	**ug/kg**	**58**
Isophorone	ND	820	ug/kg	110
2-Methylnaphthalene	ND	820	ug/kg	85
2-Methylphenol	ND	820	ug/kg	120
4-Methylphenol	ND	820	ug/kg	180
Naphthalene	ND	820	ug/kg	84
2-Nitroaniline	ND	4000	ug/kg	76
3-Nitroaniline	ND	4000	ug/kg	77
4-Nitroaniline	ND	4000	ug/kg	47
Nitrobenzene	ND	820	ug/kg	100
2-Nitrophenol	ND	820	ug/kg	110
4-Nitrophenol	ND	4000	ug/kg	57
N-Nitrosodi-n-propylamine	ND	820	ug/kg	82
N-Nitrosodiphenylamine	ND	820	ug/kg	92
2,2'-oxybis(1-Chloropropane)	ND	820	ug/kg	130
Pentachlorophenol	ND	4000	ug/kg	56
Phenanthrene	**260 J**	**820**	**ug/kg**	**78**
Phenol	ND	820	ug/kg	90
Pyrene	**280 J**	**820**	**ug/kg**	**89**
2,4,5-Trichlorophenol	ND	820	ug/kg	79
2,4,6-Trichlorophenol	ND	820	ug/kg	57

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Tetra Tech NUS, Inc

Client Sample ID: 03TP12-0304-02

GC/MS Semivolatiles

Lot-Sample #...: C7E050116-003 Work Order #...: JWDEH1AN Matrix.....: SOLID

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	65	(45 - 105)
2-Fluorophenol	71	(35 - 105)
Phenol-d5	69	(40 - 100)
2,4,6-Tribromophenol	82	(35 - 125)
Nitrobenzene-d5	65	(35 - 100)
Terphenyl-d14	78	(30 - 125)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated: The analyte was positively identified; the quanitation is estimated.

Tetra Tech NUS, Inc

Client Sample ID: 03TP12-0405-01

GC/MS Semivolatiles

Lot-Sample #...:	C7E050116-002	**Work Order #...:**	JWDEF1AD	**Matrix.....:**	SOLID
Date Sampled...:	05/04/07 08:25	**Date Received..:**	05/05/07 09:40	**MS Run #.....:**	7127006
Prep Date.....:	05/07/07	**Analysis Date..:**	05/24/07		
Prep Batch #...:	7127015	**Analysis Time..:**	17:46		
Dilution Factor:	2	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	0.5 mL
% Moisture.....:	17	**Analyst ID.....:**	007062	**Instrument ID..:**	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4,5-Tetrachloro-benzene	ND	800	ug/kg	47
2,3,4,6-Tetrachlorophenol	ND	800	ug/kg	56
Acenaphthene	ND	800	ug/kg	63
Acenaphthylene	ND	800	ug/kg	73
Acetophenone	ND	800	ug/kg	120
Anthracene	ND	800	ug/kg	76
Atrazine	ND	800	ug/kg	110
Benzo(a)anthracene	ND	800	ug/kg	79
Benzo(a)pyrene	ND	800	ug/kg	73
Benzo(b)fluoranthene	ND	800	ug/kg	110
Benzo(ghi)perylene	ND	800	ug/kg	69
Benzo(k)fluoranthene	ND	800	ug/kg	100
Benzaldehyde	ND	800	ug/kg	160
1,1'-Biphenyl	ND	800	ug/kg	92
bis(2-Chloroethoxy) methane	ND	800	ug/kg	90
bis(2-Chloroethyl)-ether	ND	800	ug/kg	91
bis(2-Ethylhexyl) phthalate	**140 J**	**800**	**ug/kg**	**78**
4-Bromophenyl phenyl ether	ND	800	ug/kg	66
Butyl benzyl phthalate	ND	800	ug/kg	85
Caprolactam	ND	800	ug/kg	120
Carbazole	ND	800	ug/kg	70
4-Chloroaniline	ND	800	ug/kg	54
4-Chloro-3-methylphenol	ND	800	ug/kg	68
2-Chloronaphthalene	ND	800	ug/kg	72
2-Chlorophenol	ND	800	ug/kg	140
4-Chlorophenyl phenyl ether	ND	800	ug/kg	55
Chrysene	ND	800	ug/kg	78
Dibenz(a,h)anthracene	ND	800	ug/kg	53
Dibenzofuran	ND	800	ug/kg	75
3,3'-Dichlorobenzidine	ND	3900	ug/kg	48
2,4-Dichlorophenol	ND	800	ug/kg	83

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Tetra Tech NUS, Inc

Client Sample ID: 03TP12-0405-01

GC/MS Semivolatiles

Lot-Sample #...: C7E050116-002 Work Order #...: JWDEF1AD Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diethyl phthalate	ND	800	ug/kg	73
2,4-Dimethylphenol	ND	800	ug/kg	69
Dimethyl phthalate	ND	800	ug/kg	65
Di-n-butyl phthalate	ND	800	ug/kg	72
4,6-Dinitro-2-methylphenol	ND	3900	ug/kg	51
2,4-Dinitrophenol	ND	3900	ug/kg	1200
2,4-Dinitrotoluene	ND	800	ug/kg	72
2,6-Dinitrotoluene	ND	800	ug/kg	59
Di-n-octyl phthalate	ND	800	ug/kg	69
Fluoranthene	**89 J**	**800**	**ug/kg**	**74**
Fluorene	ND	800	ug/kg	70
Hexachlorobenzene	ND	800	ug/kg	65
Hexachlorobutadiene	ND	800	ug/kg	110
Hexachlorocyclopentadiene	ND	3900	ug/kg	54
Hexachloroethane	ND	800	ug/kg	110
Indeno(1,2,3-cd)pyrene	ND	800	ug/kg	56
Isophorone	ND	800	ug/kg	100
2-Methylnaphthalene	ND	800	ug/kg	83
2-Methylphenol	**190 J**	**800**	**ug/kg**	**120**
4-Methylphenol	ND	800	ug/kg	180
Naphthalene	ND	800	ug/kg	82
2-Nitroaniline	ND	3900	ug/kg	74
3-Nitroaniline	ND	3900	ug/kg	75
4-Nitroaniline	ND	3900	ug/kg	46
Nitrobenzene	ND	800	ug/kg	99
2-Nitrophenol	ND	800	ug/kg	110
4-Nitrophenol	ND	3900	ug/kg	55
N-Nitrosodi-n-propylamine	ND	800	ug/kg	80
N-Nitrosodiphenylamine	ND	800	ug/kg	89
2,2'-oxybis(1-Chloropropane)	ND	800	ug/kg	130
Pentachlorophenol	ND	3900	ug/kg	55
Phenanthrene	**80 J**	**800**	**ug/kg**	**76**
Phenol	ND	800	ug/kg	88
Pyrene	**92 J**	**800**	**ug/kg**	**87**
2,4,5-Trichlorophenol	ND	800	ug/kg	77
2,4,6-Trichlorophenol	ND	800	ug/kg	56

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Tetra Tech NUS, Inc

Client Sample ID: 03TP12-0405-01

GC/MS Semivolatiles

Lot-Sample #...: C7E050116-002 Work Order #...: JWDEF1AD Matrix.....: SOLID

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	87	(45 - 105)
2-Fluorophenol	91	(35 - 105)
Phenol-d5	90	(40 - 100)
2,4,6-Tribromophenol	112	(35 - 125)
Nitrobenzene-d5	87	(35 - 100)
Terphenyl-d14	100	(30 - 125)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated: The analyte was positively identified; the quantitation is estimated.

Tetra Tech NUS, Inc

Client Sample ID: 03TP13-0203-01

GC/MS Semivolatiles

Lot-Sample #...:	C7E050116-007	Work Order #...:	JWDER1AN	Matrix.....:	SOLID
Date Sampled...:	05/04/07 15:20	Date Received..:	05/05/07 09:40	MS Run #.....:	7127006
Prep Date.....:	05/07/07	Analysis Date..:	05/25/07		
Prep Batch #...:	7127015	Analysis Time..:	13:21		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	0.5 mL
% Moisture.....:	15	Analyst ID.....:	007062	Instrument ID..:	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4,5-Tetrachloro-benzene	ND	390	ug/kg	23
2,3,4,6-Tetrachlorophenol	ND	390	ug/kg	27
Acenaphthene	ND	390	ug/kg	31
Acenaphthylene	ND	390	ug/kg	36
Acetophenone	ND	390	ug/kg	58
Anthracene	ND	390	ug/kg	37
Atrazine	ND	390	ug/kg	56
Benzo(a)anthracene	ND	390	ug/kg	39
Benzo(a)pyrene	ND	390	ug/kg	35
Benzo(b)fluoranthene	ND	390	ug/kg	52
Benzo(ghi)perylene	ND	390	ug/kg	34
Benzo(k)fluoranthene	ND	390	ug/kg	50
Benzaldehyde	ND	390	ug/kg	80
1,1'-Biphenyl	ND	390	ug/kg	45
bis(2-Chloroethoxy) methane	ND	390	ug/kg	44
bis(2-Chloroethyl)-ether	ND	390	ug/kg	44
bis(2-Ethylhexyl) phthalate	ND	390	ug/kg	38
4-Bromophenyl phenyl ether	ND	390	ug/kg	32
Butyl benzyl phthalate	ND	390	ug/kg	41
Caprolactam	ND	390	ug/kg	56
Carbazole	ND	390	ug/kg	34
4-Chloroaniline	ND	390	ug/kg	26
4-Chloro-3-methylphenol	ND	390	ug/kg	33
2-Chloronaphthalene	ND	390	ug/kg	35
2-Chlorophenol	ND	390	ug/kg	67
4-Chlorophenyl phenyl ether	ND	390	ug/kg	27
Chrysene	ND	390	ug/kg	38
Dibenz(a,h)anthracene	ND	390	ug/kg	26
Dibenzofuran	ND	390	ug/kg	37
3,3'-Dichlorobenzidine	ND	1900	ug/kg	23
2,4-Dichlorophenol	ND	390	ug/kg	41

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Tetra Tech NUS, Inc

Client Sample ID: 03TP13-0203-01

GC/MS Semivolatiles

Lot-Sample #...: C7E050116-007 Work Order #...: JWDER1AN Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diethyl phthalate	ND	390	ug/kg	36
2,4-Dimethylphenol	ND	390	ug/kg	34
Dimethyl phthalate	ND	390	ug/kg	32
Di-n-butyl phthalate	ND	390	ug/kg	35
4,6-Dinitro-2-methylphenol	ND	1900	ug/kg	25
2,4-Dinitrophenol	ND	1900	ug/kg	590
2,4-Dinitrotoluene	ND	390	ug/kg	35
2,6-Dinitrotoluene	ND	390	ug/kg	29
Di-n-octyl phthalate	ND	390	ug/kg	34
Fluoranthene	ND	390	ug/kg	36
Fluorene	ND	390	ug/kg	34
Hexachlorobenzene	ND	390	ug/kg	32
Hexachlorobutadiene	ND	390	ug/kg	53
Hexachlorocyclopentadiene	ND	1900	ug/kg	26
Hexachloroethane	ND	390	ug/kg	53
Indeno(1,2,3-cd)pyrene	ND	390	ug/kg	27
Isophorone	ND	390	ug/kg	51
2-Methylnaphthalene	ND	390	ug/kg	40
2-Methylphenol	ND	390	ug/kg	57
4-Methylphenol	ND	390	ug/kg	87
Naphthalene	ND	390	ug/kg	40
2-Nitroaniline	ND	1900	ug/kg	36
3-Nitroaniline	ND	1900	ug/kg	36
4-Nitroaniline	ND	1900	ug/kg	22
Nitrobenzene	ND	390	ug/kg	48
2-Nitrophenol	ND	390	ug/kg	53
4-Nitrophenol	ND	1900	ug/kg	27
N-Nitrosodi-n-propylamine	ND	390	ug/kg	39
N-Nitrosodiphenylamine	ND	390	ug/kg	43
2,2'-oxybis(1-Chloropropane)	ND	390	ug/kg	63
Pentachlorophenol	ND	1900	ug/kg	27
Phenanthrene	ND	390	ug/kg	37
Phenol	ND	390	ug/kg	43
Pyrene	ND	390	ug/kg	42
2,4,5-Trichlorophenol	ND	390	ug/kg	37
2,4,6-Trichlorophenol	ND	390	ug/kg	27

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Tetra Tech NUS, Inc

Client Sample ID: 03TP13-0203-01

GC/MS Semivolatiles

Lot-Sample #...: C7E050116-007 **Work Order #...:** JWDER1AN **Matrix.....:** SOLID

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	61	(45 - 105)
2-Fluorophenol	62	(35 - 105)
Phenol-d5	59	(40 - 100)
2,4,6-Tribromophenol	68	(35 - 125)
Nitrobenzene-d5	59	(35 - 100)
Terphenyl-d14	95	(30 - 125)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Tetra Tech NUS, Inc

Client Sample ID: 03TP14-0203-01

GC/MS Semivolatiles

Lot-Sample #...:	C7E050116-008	**Work Order #...:**	JWDEV1AN	**Matrix.....:**	SOLID
Date Sampled...:	05/04/07 16:10	**Date Received..:**	05/05/07 09:40	**MS Run #.....:**	7127006
Prep Date.....:	05/07/07	**Analysis Date..:**	05/25/07		
Prep Batch #...:	7127015	**Analysis Time..:**	13:50		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	0.5 mL
% Moisture.....:	21	**Analyst ID.....:**	007062	**Instrument ID..:**	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4,5-Tetrachloro-benzene	ND	420	ug/kg	25
2,3,4,6-Tetrachlorophenol	ND	420	ug/kg	29
Acenaphthene	ND	420	ug/kg	33
Acenaphthylene	ND	420	ug/kg	38
Acetophenone	ND	420	ug/kg	62
Anthracene	ND	420	ug/kg	40
Atrazine	ND	420	ug/kg	60
Benzo(a)anthracene	**71 J**	**420**	**ug/kg**	**41**
Benzo(a)pyrene	**70 J**	**420**	**ug/kg**	**38**
Benzo(b)fluoranthene	**84 J**	**420**	**ug/kg**	**56**
Benzo(ghi)perylene	**73 J**	**420**	**ug/kg**	**36**
Benzo(k)fluoranthene	ND	420	ug/kg	54
Benzaldehyde	ND	420	ug/kg	86
1,1'-Biphenyl	ND	420	ug/kg	48
bis(2-Chloroethoxy) methane	ND	420	ug/kg	47
bis(2-Chloroethyl)-ether	ND	420	ug/kg	48
bis(2-Ethylhexyl) phthalate	ND	420	ug/kg	41
4-Bromophenyl phenyl ether	ND	420	ug/kg	35
Butyl benzyl phthalate	ND	420	ug/kg	44
Caprolactam	ND	420	ug/kg	60
Carbazole	ND	420	ug/kg	37
4-Chloroaniline	ND	420	ug/kg	28
4-Chloro-3-methylphenol	ND	420	ug/kg	35
2-Chloronaphthalene	ND	420	ug/kg	37
2-Chlorophenol	ND	420	ug/kg	72
4-Chlorophenyl phenyl ether	ND	420	ug/kg	29
Chrysene	**150 J**	**420**	**ug/kg**	**41**
Dibenz(a,h)anthracene	ND	420	ug/kg	28
Dibenzofuran	ND	420	ug/kg	39
3,3'-Dichlorobenzidine	ND	2000	ug/kg	25
2,4-Dichlorophenol	ND	420	ug/kg	44

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Tetra Tech NUS, Inc

Client Sample ID: 03TP14-0203-01

GC/MS Semivolatiles

Lot-Sample #...: C7E050116-008 Work Order #...: JWDEV1AN Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diethyl phthalate	ND	420	ug/kg	38
2,4-Dimethylphenol	ND	420	ug/kg	36
Dimethyl phthalate	ND	420	ug/kg	34
Di-n-butyl phthalate	ND	420	ug/kg	37
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	27
2,4-Dinitrophenol	ND	2000	ug/kg	630
2,4-Dinitrotoluene	ND	420	ug/kg	38
2,6-Dinitrotoluene	ND	420	ug/kg	31
Di-n-octyl phthalate	ND	420	ug/kg	36
Fluoranthene	**240 J**	**420**	**ug/kg**	**39**
Fluorene	ND	420	ug/kg	36
Hexachlorobenzene	ND	420	ug/kg	34
H xachlorobutadiene	ND	420	ug/kg	57
Hexachlorocyclopentadiene	ND	2000	ug/kg	28
Hexachloroethane	ND	420	ug/kg	57
Indeno(1,2,3-cd)pyrene	**69 J**	**420**	**ug/kg**	**29**
Isophorone	ND	420	ug/kg	55
2-Methylnaphthalene	ND	420	ug/kg	43
2-Methylphenol	ND	420	ug/kg	61
4-Methylphenol	ND	420	ug/kg	94
Naphthalene	ND	420	ug/kg	43
2-Nitroaniline	ND	2000	ug/kg	39
3-Nitroaniline	ND	2000	ug/kg	39
4-Nitroaniline	ND	2000	ug/kg	24
Nitrobenzene	ND	420	ug/kg	52
2-Nitrophenol	ND	420	ug/kg	57
4-Nitrophenol	ND	2000	ug/kg	29
N-Nitrosodi-n-propylamine	ND	420	ug/kg	42
N-Nitrosodiphenylamine	ND	420	ug/kg	47
2,2'-oxybis(1-Chloropropane)	ND	420	ug/kg	68
Pentachlorophenol	ND	2000	ug/kg	29
Phenanthrene	**250 J**	**420**	**ug/kg**	**40**
Phenol	ND	420	ug/kg	46
Pyrene	**240 J**	**420**	**ug/kg**	**45**
2,4,5-Trichlorophenol	ND	420	ug/kg	40
2,4,6-Trichlorophenol	ND	420	ug/kg	29

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Tetra Tech NUS, Inc

Client Sample ID: 03TP14-0203-01

GC/MS Semivolatiles

Lot-Sample #...: C7E050116-008 Work Order #...: JWDEV1AN Matrix.....: SOLID

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	68	(45 - 105)
2-Fluorophenol	60	(35 - 105)
Phenol-d5	58	(40 - 100)
2,4,6-Tribromophenol	72	(35 - 125)
Nitrobenzene-d5	59	(35 - 100)
Terphenyl-d14	80	(30 - 125)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated: The analyte was positively identified; the quantitation is estimated.

Tetra Tech NUS, Inc

Client Sample ID: 03TP11-0304-01

GC Semivolatiles

Lot-Sample #...:	C7E050116-005	**Work Order #...:**	JWDEK1AP	**Matrix.....:**	SOLID
Date Sampled...:	05/04/07	**Date Received..:**	05/05/07	**MS Run #.....:**	7129017
Prep Date.....:	05/09/07	**Analysis Date..:**	05/10/07		
Prep Batch #...:	7129033	**Analysis Time..:**	16:54		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	20 mL
% Moisture.....:	16	**Analyst ID.....:**	402331	**Instrument ID..:**	G/H
		Method.....:	SW846 8081A		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
alpha-BHC	ND	2.0	ug/kg	0.30
beta-BHC	ND	2.0	ug/kg	0.23
delta-BHC	ND	2.0	ug/kg	0.21
gamma-BHC (Lindane)	ND	2.0	ug/kg	0.28
Heptachlor	ND	2.0	ug/kg	0.25
Aldrin	ND	2.0	ug/kg	0.21
Heptachlor epoxide	ND	2.0	ug/kg	0.20
Endosulfan I	ND	2.0	ug/kg	0.21
Dieldrin	**0.58 J**	**2.0**	**ug/kg**	**0.15**
4,4'-DDE	ND	2.0	ug/kg	0.12
Endrin	ND	2.0	ug/kg	0.16
Endrin ketone	ND	2.0	ug/kg	0.23
Endrin aldehyde	ND	2.0	ug/kg	0.25
Endosulfan II	ND	2.0	ug/kg	0.46
4,4'-DDD	ND	2.0	ug/kg	0.18
Endosulfan sulfate	ND	2.0	ug/kg	0.32
4,4'-DDT	ND	2.0	ug/kg	0.27
Methoxychlor	ND	3.9	ug/kg	0.82
alpha-Chlordane	**1.4 J**	**2.0**	**ug/kg**	**0.12**
gamma-Chlordane	**1.1 J**	**2.0**	**ug/kg**	**0.20**
Toxaphene	ND	80	ug/kg	14

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	88	(70 - 125)
Decachlorobiphenyl	85	(55 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated: The analyte was positively identified; the quantitation is estimated.

Tetra Tech NUS, Inc

Client Sample ID: 03TP11-0405-02

GC Semivolatiles

Lot-Sample #...:	C7E050116-006	**Work Order #...:**	JWDEL1CF	**Matrix.....:**	SOLID
Date Sampled...:	05/04/07	**Date Received..:**	05/05/07	**MS Run #.....:**	7129017
Prep Date.....:	05/09/07	**Analysis Date..:**	05/10/07		
Prep Batch #...:	7129033	**Analysis Time..:**	17:11		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	20 mL
% Moisture.....:	16	**Analyst ID.....:**	402331	**Instrument ID..:**	G/H
		Method.....:	SW846 8081A		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
alpha-BHC	ND	2.0	ug/kg	0.30
beta-BHC	ND	2.0	ug/kg	0.23
delta-BHC	ND	2.0	ug/kg	0.21
gamma-BHC (Lindane)	ND	2.0	ug/kg	0.28
Heptachlor	ND	2.0	ug/kg	0.25
Aldrin	ND	2.0	ug/kg	0.21
Heptachlor epoxide	ND	2.0	ug/kg	0.20
Endosulfan I	ND	2.0	ug/kg	0.21
Dieldrin	ND	2.0	ug/kg	0.15
4,4'-DDE	ND	2.0	ug/kg	0.12
Endrin	ND	2.0	ug/kg	0.16
Endrin ketone	ND	2.0	ug/kg	0.23
Endrin aldehyde	ND	2.0	ug/kg	0.25
Endosulfan II	ND	2.0	ug/kg	0.46
4,4'-DDD	ND	2.0	ug/kg	0.18
Endosulfan sulfate	ND	2.0	ug/kg	0.32
4,4'-DDT	ND	2.0	ug/kg	0.27
Methoxychlor	ND	3.9	ug/kg	0.83
alpha-Chlordane	ND	2.0	ug/kg	0.12
gamma-Chlordane	ND	2.0	ug/kg	0.20
Toxaphene	ND	80	ug/kg	14

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	93	(70 - 125)
Decachlorobiphenyl	86	(55 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Tetra Tech NUS, Inc

Client Sample ID: 03TP12-0102-03

GC Semivolatiles

Lot-Sample #...:	C7E050116-004	**Work Order #...:**	JWDEJ1AP	**Matrix.....:**	SOLID
Date Sampled...:	05/04/07	**Date Received..:**	05/05/07	**MS Run #.....:**	7129017
Prep Date.....:	05/09/07	**Analysis Date..:**	05/10/07		
Prep Batch #...:	7129033	**Analysis Time..:**	16:37		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	20 mL
% Moisture.....:	16	**Analyst ID.....:**	402331	**Instrument ID..:**	G/H
		Method.....:	SW846 8081A		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
alpha-BHC	ND	2.0	ug/kg	0.30
beta-BHC	ND	2.0	ug/kg	0.23
delta-BHC	ND	2.0	ug/kg	0.21
gamma-BHC (Lindane)	**1.1 J**	**2.0**	**ug/kg**	**0.28**
Heptachlor	ND	2.0	ug/kg	0.25
Aldrin	**0.69 J,PG**	**2.0**	**ug/kg**	**0.21**
Heptachlor epoxide	**1.4 J,PG**	**2.0**	**ug/kg**	**0.20**
Endosulfan I	ND	2.0	ug/kg	0.21
Dieldrin	**100**	**2.0**	**ug/kg**	**0.15**
4,4'-DDE	**0.68 J**	**2.0**	**ug/kg**	**0.12**
Endrin	ND	2.0	ug/kg	0.16
Endrin ketone	**0.29 J,PG**	**2.0**	**ug/kg**	**0.23**
Endrin aldehyde	ND	2.0	ug/kg	0.25
Endosulfan II	ND	2.0	ug/kg	0.46
4,4'-DDD	ND	2.0	ug/kg	0.18
Endosulfan sulfate	ND	2.0	ug/kg	0.32
4,4'-DDT	**1.1 J,PG**	**2.0**	**ug/kg**	**0.27**
Methoxychlor	ND	3.9	ug/kg	0.83
alpha-Chlordane	**23**	**2.0**	**ug/kg**	**0.12**
gamma-Chlordane	**16**	**2.0**	**ug/kg**	**0.20**
Toxaphene	ND	80	ug/kg	14

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	80	(70 - 125)
Decachlorobiphenyl	87	(55 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated: The analyte was positively identified; the quantitation is estimated.

PG The percent difference between the original and confirmation analyses is greater than 40%.

Tetra Tech NUS, Inc

Client Sample ID: 03TP12-0304-02

GC Semivolatiles

Lot-Sample #...:	C7E050116-003	Work Order #...:	JWDEH1AP	Matrix.....:	SOLID
Date Sampled...:	05/04/07	Date Received..:	05/05/07	MS Run #.....:	7129017
Prep Date.....:	05/09/07	Analysis Date..:	05/10/07		
Prep Batch #...:	7129033	Analysis Time..:	16:20		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	20 mL
% Moisture.....:	19	Analyst ID.....:	402331	Instrument ID..:	G/H
		Method.....:	SW846 8081A		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
alpha-BHC	ND	2.1	ug/kg	0.31
beta-BHC	ND	2.1	ug/kg	0.24
delta-BHC	**1.4 J**	**2.1**	**ug/kg**	**0.22**
gamma-BHC (Lindane)	**6.9**	**2.1**	**ug/kg**	**0.29**
Heptachlor	**0.53 J,PG**	**2.1**	**ug/kg**	**0.26**
Aldrin	**1.9 J**	**2.1**	**ug/kg**	**0.22**
Heptachlor epoxide	**3.7 PG**	**2.1**	**ug/kg**	**0.21**
Endosulfan I	ND	2.1	ug/kg	0.21
Dieldrin	**15**	**2.1**	**ug/kg**	**0.15**
4,4'-DDE	**15**	**2.1**	**ug/kg**	**0.12**
Endrin	ND	2.1	ug/kg	0.16
Endrin ketone	ND	2.1	ug/kg	0.24
Endrin aldehyde	ND	2.1	ug/kg	0.26
Endosulfan II	ND	2.1	ug/kg	0.48
4,4'-DDD	**4.1**	**2.1**	**ug/kg**	**0.18**
Endosulfan sulfate	ND	2.1	ug/kg	0.33
4,4'-DDT	**1.5 J,PG**	**2.1**	**ug/kg**	**0.28**
Methoxychlor	ND	4.1	ug/kg	0.86
alpha-Chlordane	**24**	**2.1**	**ug/kg**	**0.13**
gamma-Chlordane	**20**	**2.1**	**ug/kg**	**0.21**
Toxaphene	ND	83	ug/kg	14

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84	(70 - 125)
Decachlorobiphenyl	87	(55 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated: The analyte was positively identified; the quantitation is estimated.

PG The percent difference between the original and confirmation analyses is greater than 40%.

Tetra Tech NUS, Inc

Client Sample ID: 03TP12-0405-01

GC Semivolatiles

Lot-Sample #...:	C7E050116-002	Work Order #...:	JWDEF1AE	Matrix.....:	SOLID
Date Sampled...:	05/04/07	Date Received..:	05/05/07	MS Run #.....:	7129017
Prep Date.....:	05/09/07	Analysis Date..:	05/10/07		
Prep Batch #...:	7129033	Analysis Time..:	16:03		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	20 mL
% Moisture.....:	17	Analyst ID.....:	402331	Instrument ID..:	G/H
		Method.....:	SW846 8081A		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
alpha-BHC	ND	2.1	ug/kg	0.31
beta-BHC	ND	2.1	ug/kg	0.24
delta-BHC	**2.7**	**2.1**	**ug/kg**	**0.21**
gamma-BHC (Lindane)	**2.8**	**2.1**	**ug/kg**	**0.28**
Heptachlor	**2.8 PG**	**2.1**	**ug/kg**	**0.26**
Aldrin	**6.5**	**2.1**	**ug/kg**	**0.21**
Heptachlor epoxide	**5.4 PG**	**2.1**	**ug/kg**	**0.20**
Endosulfan I	ND	2.1	ug/kg	0.21
Dieldrin	**140**	**2.1**	**ug/kg**	**0.15**
4,4'-DDE	**18**	**2.1**	**ug/kg**	**0.12**
Endrin	ND	2.1	ug/kg	0.16
Endrin ketone	ND	2.1	ug/kg	0.23
Endrin aldehyde	**2.0 J**	**2.1**	**ug/kg**	**0.26**
Endosulfan II	ND	2.1	ug/kg	0.46
4,4'-DDD	**5.5 PG**	**2.1**	**ug/kg**	**0.18**
Endosulfan sulfate	**0.62 J,PG**	**2.1**	**ug/kg**	**0.33**
4,4'-DDT	ND	2.1	ug/kg	0.28
Methoxychlor	**2.1 J,PG**	**4.0**	**ug/kg**	**0.84**
alpha-Chlordane	**91**	**2.1**	**ug/kg**	**0.13**
gamma-Chlordane	**57**	**2.1**	**ug/kg**	**0.21**
Toxaphene	ND	81	ug/kg	14

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	90	(70 - 125)
Decachlorobiphenyl	98	(55 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

PG The percent difference between the original and confirmation analyses is greater than 40%.

J Estimated: The analyte was positively identified; the quantitation is estimated.

Tetra Tech NUS, Inc

Client Sample ID: 03TP13-0203-01

GC Semivolatiles

Lot-Sample #...:	C7E050116-007	**Work Order #...:**	JWDER1AP	**Matrix.....:**	SOLID
Date Sampled...:	05/04/07	**Date Received..:**	05/05/07	**MS Run #.....:**	7129017
Prep Date.....:	05/09/07	**Analysis Date..:**	05/10/07		
Prep Batch #...:	7129033	**Analysis Time..:**	18:02		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	20 mL
% Moisture.....:	15	**Analyst ID.....:**	402331	**Instrument ID..:**	G/H
		Method.....:	SW846 8081A		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
alpha-BHC	ND	2.0	ug/kg	0.30
beta-BHC	ND	2.0	ug/kg	0.23
delta-BHC	ND	2.0	ug/kg	0.21
gamma-BHC (Lindane)	ND	2.0	ug/kg	0.27
Heptachlor	ND	2.0	ug/kg	0.25
Aldrin	ND	2.0	ug/kg	0.21
Heptachlor epoxide	ND	2.0	ug/kg	0.20
Endosulfan I	ND	2.0	ug/kg	0.20
Dieldrin	**0.24 J**	**2.0**	**ug/kg**	**0.15**
4,4'-DDE	**0.72 J**	**2.0**	**ug/kg**	**0.12**
Endrin	ND	2.0	ug/kg	0.16
Endrin ketone	ND	2.0	ug/kg	0.23
Endrin aldehyde	ND	2.0	ug/kg	0.25
Endosulfan II	ND	2.0	ug/kg	0.45
4,4'-DDD	ND	2.0	ug/kg	0.17
Endosulfan sulfate	ND	2.0	ug/kg	0.32
4,4'-DDT	**0.39 J**	**2.0**	**ug/kg**	**0.27**
Methoxychlor	ND	3.9	ug/kg	0.81
alpha-Chlordane	ND	2.0	ug/kg	0.12
gamma-Chlordane	ND	2.0	ug/kg	0.20
Toxaphene	ND	79	ug/kg	14

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	78	(70 - 125)
Decachlorobiphenyl	86	(55 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated: The analyte was positively identified; the quantitation is estimated.

Tetra Tech NUS, Inc

Client Sample ID: 03TP14-0203-01

GC Semivolatiles

Lot-Sample #...:	C7E050116-008	**Work Order #...:**	JWDEV1AP	**Matrix.....:**	SOLID
Date Sampled...:	05/04/07	**Date Received..:**	05/05/07	**MS Run #.....:**	7129017
Prep Date.....:	05/09/07	**Analysis Date..:**	05/11/07		
Prep Batch #...:	7129033	**Analysis Time..:**	08:00		
Dilution Factor:	5	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	20 mL
% Moisture.....:	21	**Analyst ID.....:**	401414	**Instrument ID..:**	G/H
		Method.....:	SW846 8081A		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
alpha-BHC	ND	11	ug/kg	1.6
beta-BHC	ND	11	ug/kg	1.2
delta-BHC	ND	11	ug/kg	1.1
gamma-BHC (Lindane)	**4.5 J,PG**	**11**	**ug/kg**	**1.5**
Heptachlor	ND	11	ug/kg	1.3
Aldrin	ND	11	ug/kg	1.1
Heptachlor epoxide	**12 PG**	**11**	**ug/kg**	**1.1**
Endosulfan I	ND	11	ug/kg	1.1
Dieldrin	**400**	**11**	**ug/kg**	**0.78**
4,4'-DDE	ND	11	ug/kg	0.63
Endrin	ND	11	ug/kg	0.84
Endrin ketone	ND	11	ug/kg	1.2
Endrin aldehyde	ND	11	ug/kg	1.3
Endosulfan II	ND	11	ug/kg	2.4
4,4'-DDD	ND	11	ug/kg	0.94
Endosulfan sulfate	ND	11	ug/kg	1.7
4,4'-DDT	**20**	**11**	**ug/kg**	**1.4**
Methoxychlor	ND	21	ug/kg	4.4
alpha-Chlordane	**330**	**11**	**ug/kg**	**0.65**
gamma-Chlordane	**230**	**11**	**ug/kg**	**1.1**
Toxaphene	ND	420	ug/kg	73

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	88	(70 - 125)
Decachlorobiphenyl	94	(55 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated: The analyte was positively identified; the quanitation is estimated.

PG The percent difference between the original and confirmation analyses is greater than 40%.

Tetra Tech NUS, Inc

Client Sample ID: 03TP11-0304-01

GC Semivolatiles

Lot-Sample #...:	C7E050116-005	**Work Order #...:**	JWDEK1AQ	**Matrix.....:**	SOLID
Date Sampled...:	05/04/07	**Date Received..:**	05/05/07	**MS Run #.....:**	7129018
Prep Date.....:	05/09/07	**Analysis Date..:**	05/10/07		
Prep Batch #...:	7129034	**Analysis Time..:**	17:53		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	20 mL
% Moisture.....:	16	**Analyst ID.....:**	402360	**Instrument ID..:**	S/T
		Method.....:	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1262	ND	20	ug/kg	4.3
Aroclor 1268	ND	20	ug/kg	2.6
Aroclor 1016	ND	20	ug/kg	3.0
Aroclor 1221	ND	20	ug/kg	3.8
Aroclor 1232	ND	20	ug/kg	3.4
Aroclor 1242	ND	20	ug/kg	3.2
Aroclor 1248	ND	20	ug/kg	1.9
Aroclor 1254	ND	20	ug/kg	2.8
Aroclor 1260	ND	20	ug/kg	2.8

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	81	(40 - 140)
Decachlorobiphenyl	92	(60 - 125)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Tetra Tech NUS, Inc

Client Sample ID: 03TP11-0405-02

GC Semivolatiles

Lot-Sample #...:	C7E050116-006	**Work Order #...:**	JWDEL1CJ	**Matrix.....:**	SOLID
Date Sampled...:	05/04/07	**Date Received..:**	05/05/07	**MS Run #.....:**	7129018
Prep Date.....:	05/09/07	**Analysis Date..:**	05/10/07		
Prep Batch #...:	7129034	**Analysis Time..:**	18:13		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	20 mL
% Moisture.....:	16	**Analyst ID.....:**	402360	**Instrument ID..:**	S/T
		Method.....:	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1262	ND	20	ug/kg	4.4
Aroclor 1268	ND	20	ug/kg	2.6
Aroclor 1016	ND	20	ug/kg	3.0
Aroclor 1221	ND	20	ug/kg	3.8
Aroclor 1232	ND	20	ug/kg	3.4
Aroclor 1242	ND	20	ug/kg	3.2
Aroclor 1248	ND	20	ug/kg	1.9
Aroclor 1254	ND	20	ug/kg	2.8
Aroclor 1260	ND	20	ug/kg	2.8

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	85	(40 - 140)
Decachlorobiphenyl	91	(60 - 125)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Tetra Tech NUS, Inc

Client Sample ID: 03TP12-0102-03

GC Semivolatiles

Lot-Sample #...:	C7E050116-004	Work Order #...:	JWDEJ1AQ	Matrix.....:	SOLID
Date Sampled...:	05/04/07	Date Received..:	05/05/07	MS Run #.....:	7129018
Prep Date.....:	05/09/07	Analysis Date..:	05/10/07		
Prep Batch #...:	7129034	Analysis Time..:	17:33		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	20 mL
% Moisture.....:	16	Analyst ID.....:	402360	Instrument ID..:	S/T
		Method.....:	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1262	ND	20	ug/kg	4.4
Aroclor 1268	ND	20	ug/kg	2.6
Aroclor 1016	ND	20	ug/kg	3.0
Aroclor 1221	ND	20	ug/kg	3.8
Aroclor 1232	ND	20	ug/kg	3.4
Aroclor 1242	ND	20	ug/kg	3.2
Aroclor 1248	ND	20	ug/kg	1.9
Aroclor 1254	ND	20	ug/kg	2.8
Aroclor 1260	ND	20	ug/kg	2.8

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	73	(40 - 140)
Decachlorobiphenyl	92	(60 - 125)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Tetra Tech NUS, Inc

Client Sample ID: 03TP12-0304-02

GC Semivolatiles

Lot-Sample #...:	C7E050116-003	Work Order #...:	JWDEH1AQ	Matrix.....:	SOLID
Date Sampled...:	05/04/07	Date Received..:	05/05/07	MS Run #.....:	7129018
Prep Date.....:	05/09/07	Analysis Date..:	05/10/07		
Prep Batch #...:	7129034	Analysis Time..:	17:13		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	20 mL
% Moisture.....:	19	Analyst ID.....:	402360	Instrument ID..:	S/T
		Method.....:	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1262	ND	21	ug/kg	4.5
Aroclor 1268	ND	21	ug/kg	2.6
Aroclor 1016	ND	21	ug/kg	3.1
Aroclor 1221	ND	21	ug/kg	3.9
Aroclor 1232	ND	21	ug/kg	3.5
Aroclor 1242	**37**	**21**	**ug/kg**	**3.4**
Aroclor 1248	ND	21	ug/kg	1.9
Aroclor 1254	ND	21	ug/kg	2.9
Aroclor 1260	ND	21	ug/kg	2.9

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	76	(40 - 140)
Decachlorobiphenyl	91	(60 - 125)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Tetra Tech NUS, Inc

Client Sample ID: 03TP12-0405-01

GC Semivolatiles

Lot-Sample #...:	C7E050116-002	**Work Order #...:**	JWDEF1AF	**Matrix.....:**	SOLID
Dat Sampled...:	05/04/07	**Date Received..:**	05/05/07	**MS Run #.....:**	7129018
Prep Date.....:	05/09/07	**Analysis Date..:**	05/10/07		
Prep Batch #...:	7129034	**Analysis Time..:**	16:53		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	20 mL
% Moisture.....:	17	**Analyst ID.....:**	402360	**Instrument ID..:**	S/T
		Method.....:	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1262	ND	20	ug/kg	4.4
Aroclor 1268	ND	20	ug/kg	2.6
Aroclor 1016	ND	20	ug/kg	3.0
Aroclor 1221	ND	20	ug/kg	3.8
Aroclor 1232	ND	20	ug/kg	3.4
Aroclor 1242	**110**	**20**	**ug/kg**	**3.3**
Aroclor 1248	ND	20	ug/kg	1.9
Aroclor 1254	ND	20	ug/kg	2.9
Aroclor 1260	**53**	**20**	**ug/kg**	**2.9**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	82	(40 - 140)
Decachlorobiphenyl	107	(60 - 125)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Tetra Tech NUS, Inc

Client Sample ID: 03TP13-0203-01

GC Semivolatiles

Lot-Sample #...:	C7E050116-007	**Work Order #...:**	JWDER1AQ	**Matrix.....:**	SOLID
Date Sampled...:	05/04/07	**Date Received..:**	05/05/07	**MS Run #.....:**	7129018
Prep Date.....:	05/09/07	**Analysis Date..:**	05/10/07		
Prep Batch #...:	7129034	**Analysis Time..:**	19:12		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	20 mL
% Moisture.....:	15	**Analyst ID.....:**	402360	**Instrument ID..:**	S/T
		Method.....:	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1262	ND	20	ug/kg	4.3
Aroclor 1268	ND	20	ug/kg	2.5
Aroclor 1016	ND	20	ug/kg	2.9
Aroclor 1221	ND	20	ug/kg	3.7
Aroclor 1232	ND	20	ug/kg	3.4
Aroclor 1242	ND	20	ug/kg	3.2
Aroclor 1248	ND	20	ug/kg	1.9
Aroclor 1254	ND	20	ug/kg	2.8
Aroclor 1260	ND	20	ug/kg	2.8

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	72	(40 - 140)
Decachlorobiphenyl	96	(60 - 125)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Tetra Tech NUS, Inc

Client Sample ID: 03TP14-0203-01

GC Semivolatiles

Lot-Sample #...:	C7E050116-008	**Work Order #...:**	JWDEV1AQ	**Matrix.....:**	SOLID
Date Sampled...:	05/04/07	**Date Received..:**	05/05/07	**MS Run #.....:**	7129018
Prep Date.....:	05/09/07	**Analysis Date..:**	05/10/07		
Prep Batch #...:	7129034	**Analysis Time..:**	20:32		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	20 mL
% Moisture.....:	21	**Analyst ID.....:**	402360	**Instrument ID..:**	S/T
		Method.....:	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1262	ND	21	ug/kg	4.6
Aroclor 1268	ND	21	ug/kg	2.7
Aroclor 1016	ND	21	ug/kg	3.1
Aroclor 1221	ND	21	ug/kg	4.0
Aroclor 1232	ND	21	ug/kg	3.6
Aroclor 1242	ND	21	ug/kg	3.4
Aroclor 1248	ND	21	ug/kg	2.0
Aroclor 1254	ND	21	ug/kg	3.0
Aroclor 1260	ND	21	ug/kg	3.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	76	(40 - 140)
Decachlorobiphenyl	103	(60 - 125)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

APPENDIX C

Support Documentation

CASE NARRATIVE
TETRATECH NUS, INC.
WILLOW GROVE
CT0 003

STL Lot #: C7E050116

Sample Receiving:
STL Pittsburgh received samples on May 5, 2007. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report, when batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
All non-CCC compounds, associated with ICAL 4050507S, that have >15% RSD were evaluated to see if a better curve could be drawn. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation. It was determined that an average response factor curve was the "best fit" for the following compounds: 1,2-Dibromo-3-chloropropane, Bromoform, Chloroethane and Methylene chloride. The following compound used a quadratic curve and the correlation coefficient was >0.995: Acetone.

All non-CCC compounds, associated with ICAL 3050107H, that have >15% RSD were evaluated to see if a better curve could be drawn. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation. It was determined that an average response factor curve was the "best fit" for the following compound: Trichlorofluoromethane. The following compound used a quadratic curve and the correlation coefficient was >0.995: Acetone.

Sample 03TP14-0203-01 had the 4-bromofluorobenzene surrogate recover low, by 1%, and outside of criteria. There was insufficient sample to perform another low level analysis and performing a medium level analysis would not produce acceptable results. The data will be reported as is.

The method blank for batch 7130081 had methylene chloride detected below the reporting limit but above the MDL. The result was flagged with a "J" qualifier. Any sample associated with this blank that had methylene chloride detected had the result flagged with a "B" qualifier.

The LCS associated with batch 7134083 had acetone and 2-hexanone recover high and outside of criteria. This LCS is within acceptable criteria based on the number of marginal exceedances allowed according to DOD requirements.

CASE NARRATIVE
TETRATECH NUS, INC.
WILLOW GROVE
CT0 003

STL Lot #: C7E050116

GC/MS Semivolatiles:
All non-CCC compounds, associated with ICAL 051407APPIX722, that have >15% RSD were evaluated to see if a better curve could be drawn. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation. It was determined that an average response factor curve was the "best fit" for the following compounds: Benzaldehyde, 2,4-Dinitrophenol, Pentachlorophenol, 3,3'-Dichlorobenzidine, Benzo(b)fluoranthene and Dibenz(a,h)anthracene.

The following compound associated with ICAL 051407APPIX722 had %RSD >30% but are within expected ranges: Atrazine.

All non-CCC compounds, associated with ICAL 0522078270722, that have >15% RSD were evaluated to see if a better curve could be drawn. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation. It was determined that an average response factor curve was the "best fit" for the following compounds: 4-Methylphenol, 4-Chloroaniline, 1,1'-Biphenyl, 2,3,4,6-Tetrachlorophenol, Fluorene, 4-Chlorophenyl-phenylether, 4,6-Dinitro-2-methylphenol, Atrazine, Pentachlorophenol, 3,3'-Dichlorobenzidine, Benzo(b)fluoranthene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene and 2,4,6-Tribromophenol.

The following compound associated with ICAL 0522078270722 had %RSD >30% but are within expected ranges: Benzaldehyde and 2,4-Dinitrophenol.

Due to the concentration of target compounds detected and/or matrix effect, several samples were analyzed at a dilution. The extracts were dark and oily in nature. Sample 03TP12-0102-03 had its surrogates diluted out.

The LCS associated with batch 7127015 had 3-Methylphenol and 4-Methylphenol recover high and outside of criteria. This LCS is within acceptable criteria based on the number of marginal exceedances allowed according to DOD requirements.

The MS/MSD had several compounds recover low and outside of criteria, however all RPD's were within limits. Acceptable LCS data demonstrates that the analytical system was operating in control; this condition is most likely due to a matrix effect.

CASE NARRATIVE
TETRATECH NUS, INC.
WILLOW GROVE
CT0 003

STL Lot #: C7E050116

Pesticides:
All compounds <20% RSD will use an average response factor curve if no visible improvement is accomplished using a curve. A curve will be used for a compound where it is determined to be the "best-fit" evaluation.

Due to the concentration of compounds detected, 03TP14-0203-01 was analyzed at a dilution.

The matrix spike and matrix spike duplicate were below control limits for endrin aldehyde.

PCBs:
There were no problems associated with the analysis.

Metals:
The method blanks had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

For the matrix spike and matrix spike duplicate, aluminum, iron and manganese recoveries were not calculated due to the concentration of analyte in the sample being >4 times the concentration of spike added.

The matrix spike and matrix spike duplicate were below control limits for antimony and mercury. The matrix spike duplicate was above control limits for chromium.

General Chemistry:
There were no problems associated with the analysis.

[redacted]

Chain of Custody Record

STL-4124 (0801)

STL
Severn Trent Laboratories, Inc.

Client	Tetra Tech NUS
Project Manager	Russ Turner
Date	5/4/07
Chain of Custody Number	312320
Address	600 Clark Avenue Suite 3
Telephone Number (Area Code)/Fax Number	610 491 9688 610 491 9645
Lab Number	
Page	1 of 1
City	King of Prussia
State	PA
Zip Code	19406
Site Contact	Chuck Meyer
Lab Contact	Veronica Barlot
Project Name and Location (State)	NAS JRB Willow Grove PA
Carrier/Waybill Number	8545 6865 8611 Federal Express
Contract/Purchase Order/Quote No.	

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Air	Aqueous	Sed.	Soil		Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH		40 ml VOA Vial TCL VOC	5 gram Encore TCL VOC	40oz Clear Glass SVOC Pest/PCB	4oz Clear Glass Metals Cyanide								Special Instructions/ Conditions of Receipt
TB-050407	5/4/07	0730		X							X				2											
03TP12-0405-01	5/4/07	0825				X		X								3	1	1								
03TP12-0304-02	5/4/07	0855				X		X								3	1	1								
03TP12-0102-03	5/4/07	0955				X		X								3	1	1								
03TP11-0304-01	5/4/07	1155				X		X								3	1	1								
03TP11-0405-02	5/4/07	1235				X		X								9	3	3								DO MS/MSD
03TP13-0203-01	5/4/07	1520				X		X								3	1	1								
03TP14-0203-01	5/4/07	1610				X		X								2	1	1								

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other_____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Charles W Meyer	5/4/07	1930	1. Received By: L Bathk	5/5/07	940
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

C7E050116

22

(1 - 372)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C7E050116 **Work Order #...:** JWMA41AA **Matrix.....:** SOLID
MB Lot-Sample #: C7E100000-081

Prep Date.....: 05/10/07 **Analysis Time..:** 06:14
Analysis Date..: 05/10/07 **Prep Batch #...:** 7130081 **Final Wgt/Vol..:** 5 mL
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g **Instrument ID..:** HP4
Analyst ID.....: 010099

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chlorodibromomethane	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B
o-Xylene	ND	5.0	ug/kg	SW846 8260B
m-Xylene & p-Xylene	ND	10	ug/kg	SW846 8260B
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	5.0	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
Cyclohexane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	**1.6 J**	**5.0**	**ug/kg**	**SW846 8260B**
Methylcyclohexane	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/kg	SW846 8260B

(Continued on next page)

SW846 8260B SURROGATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: STLPIT SDG No:

Lot #: C7E050116

Extraction: XXA4PQKWA

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	TOT OUT
01	03TP12-0405-01	87	99	96	90	00
02	03TP12-0304-02	83	97	90	87	00
03	03TP12-0102-03	84	97	90	88	00
04	03TP11-0304-01	93	107	100	95	00
05	03TP11-0405-02	79	94	90	84	00
06	03TP13-0203-01	80	96	92	86	00
07	03TP14-0203-01	78	91	84 *	82	01
08	METHOD BLK. JWMA41AA	89	99	95	89	00
09	LCS JWMA41AC	89	98	96	88	00
10	03TP11-0405-02 D	86	92	93	85	00
11	03TP11-0405-02 S	82	90	89	82	00

SURROGATES		QC LIMITS
SRG01	= 1,2-Dichloroethane-d4	(70-130)
SRG02	= Toluene-d8	(85-115)
SRG03	= 4-Bromofluorobenzene	(85-120)
SRG04	= Dibromofluoromethane	(70-130)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: STLPIT SDG No:

Lot #: C7E140000 WO #: JWWPL1AC
BATCH: 7134083

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
1,1-Dichloroethene	50.0	48.2	96	70- 130	
Trichloroethene	50.0	49.6	99	70- 125	
Benzene	50.0	50.6	101	80- 120	
Toluen	50.0	56.4	113	75- 120	
Chlorobenzene	50.0	56.0	112	80- 120	
Acetone	50.0	80.8	162*	40- 140	a
Bromodichloromethane	50.0	49.1	98	75- 120	
Bromoform	50.0	49.9	100	70- 130	
Bromomethane	50.0	50.0	100	30- 145	
2-Butanone	50.0	74.3	149	30- 150	
Bromochloromethane	50.0	49.8	100	65- 130	
Carbon disulfide	50.0	46.0	92	35- 160	
Carbon tetrachloride	50.0	46.5	93	65- 140	
Chloroethane	50.0	53.6	107	60- 135	
Chloroform	50.0	50.1	100	65- 135	
Chloromethane	50.0	49.5	99	40- 125	
1,2-Dibromo-3-chloropropa	50.0	43.9	88	50- 130	
1,2-Dibromoethane	50.0	57.2	114	80- 120	
1,3-Dichlorobenzene	50.0	52.4	105	75- 125	
1,4-Dichlorobenzene	50.0	52.1	104	75- 125	
1,2-Dichlorobenzene	50.0	52.4	105	70- 120	
Dichlorodifluoromethane	50.0	47.4	95	30- 155	
1,1-Dichloroethane	50.0	49.1	98	70- 135	
1,2-Dichloroethane	50.0	52.6	105	70- 130	
trans-1,2-Dichloroethene	50.0	48.6	97	60- 140	
cis-1,2-Dichloroethene	50.0	50.2	100	70- 125	
1,2-Dichloropropane	50.0	50.9	102	75- 125	
cis-1,3-Dichloropropene	50.0	48.1	96	70- 130	
trans-1,3-Dichloropropene	50.0	53.2	106	55- 140	
Ethylbenzene	50.0	55.8	112	75- 125	
2-Hexanone	50.0	76.1	152*	55- 130	a

(Continued on next page)

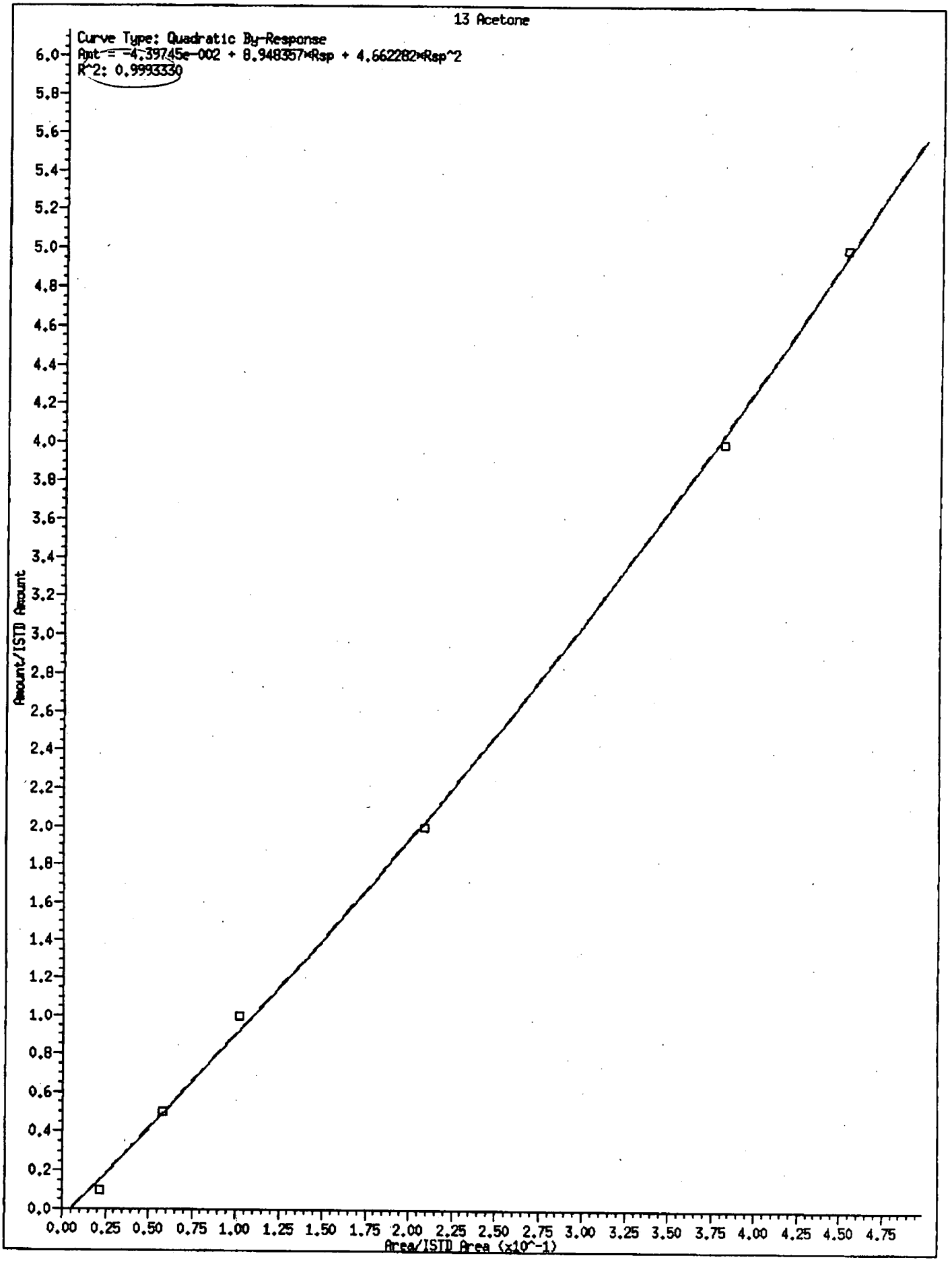
STL Pittsburgh

INITIAL CALIBRATION DATA

Start Cal Date : 22-MAR-2007 18:10
End Cal Date : 05-MAY-2007 06:23
Quant Method : ISTD
Origin : Disabled
Target Version : 4.04
Integrator : HP RTE
M thod file : \\qpitpa02\d\chem\hp4.i\4050507d.b\8260bsoil.m
Cal Date : 05-May-2007 06:43 GordonK
Curve Type : Average

Calibration File Names:
Level 1: \\qpitpa02\d\chem\hp4.i\4050507d.b\1A40505K.D
Level 2: \\qpitpa02\d\chem\hp4.i\4050507d.b\1B40505K.D
L vel 3: \\qpitpa02\d\chem\hp4.i\4050507d.b\1C40505K.D
Level 4: \\qpitpa02\d\chem\hp4.i\4050507d.b\1D40505K.D
Level 5: \\qpitpa02\d\chem\hp4.i\4050507d.b\1E40505K.D
Level 6: \\qpitpa02\d\chem\hp4.i\4050507d.b\1F40505K.D

Compound	5.000 Level 1	25.000 Level 2	50.000 Level 3	100.000 Level 4	200.000 Level 5	250.000 Level 6	RRF	% RSD	
1 Dichlorodifluoromethane	0.30518	0.31770	0.32150	0.34253	0.31905	0.31473	0.32011	3.860	
2 Chloromethane	0.44566	0.46250	0.45041	0.50175	0.54180	0.53646	0.48976	8.791	
3 Vinyl Chloride	0.37938	0.39203	0.38865	0.42447	0.42035	0.42006	0.40416	4.860	
4 Bromomethane	0.09004	0.08371	0.08026	0.08603	0.08448	0.08336	0.08465	3.839	
5 Chloroethane	0.11340	0.15475	0.16940	0.17190	0.09798	0.11859	0.13767	22.966	
7 Dichlorofluoromethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
6 Trichlorofluoromethane	0.31162	0.30195	0.32793	0.32191	0.32985	0.31666	0.31832	3.306	
9 Ethanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
10 Freon-113	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
12 1,1-Dichloroethene	0.24283	0.24790	0.24898	0.27643	0.25885	0.25416	0.25486	4.673	
8 Diethyl Ether	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
156 1,1,2-Trichlorotrifluoroethan	0.22785	0.24402	0.25987	0.27442	0.25804	0.26408	0.25472	6.450	
11 Acrolein	0.01487	0.01829	0.01650	0.01941	0.01657	0.01660	0.01704	9.313	
15 Carbon Disulfide	0.87775	0.87860	0.88523	0.95610	0.90200	0.88607	0.89762	3.336	
16 3-Chloro-1-propene	0.18567	0.17983	0.16156	0.21524	0.16922	0.18896	0.18341	10.174	
14 Iodomethane	0.49413	0.51039	0.46996	0.62374	0.48631	0.55379	0.52305	10.899	
13 Acetone	0.21720	0.11556	0.10217	0.10447	0.09527	0.09062	0.12088	39.667	<-
155 Methyl acetate	0.20399	0.18807	0.18554	0.20154	0.19714	0.19100	0.19455	3.851	
17 Acetonitrile	0.01241	0.01576	0.01524	0.01720	0.01641	0.01642	0.01557	10.836	
18 Methylene Chloride	0.37863	0.28383	0.27096	0.28555	0.26587	0.25933	0.29069	15.227	
19 trans-1,2-Dichloroethene	0.30379	0.28921	0.29152	0.31395	0.29048	0.28092	0.29498	4.013	
20 Methyl tert-butyl ether	0.61716	0.59909	0.62498	0.67229	0.63209	0.62264	0.62804	3.880	
21 tert-Butyl Alcohol	0.01747	0.01666	0.01459	0.01836	0.01686	0.01812	0.01701	8.015	
22 Acrylonitrile	0.08201	0.09352	0.08424	0.09259	0.09168	0.09363	0.08961	5.715	
23 Hexane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-


13 Acetone
Curve Type: Quadratic By-Response
Amt = -4.39745e-002 + 0.948357*Rsp + 4.662282*Rsp^2
R^2: 0.9993330
Amount/ISTD Amount
Area/ISTD Area (x10^-1)

Report Date : 05-May-2007 06:46

STL Pittsburgh

INITIAL CALIBRATION DATA

Start Cal Date : 22-MAR-2007 18:10
End Cal Date : 05-MAY-2007 06:23
Quant Method : ISTD
Target Version : 4.04
Integrator : HP RTE
Method file : \\qpitpa02\d\chem\hp4.i\4050507d.b\8260bsoil.m
Cal Date : 05-May-2007 06:46 gordonk

Compound	5.0000 Level 1	25.0000 Level 2	50.0000 Level 3	100.0000 Level 4	200.0000 Level 5	250.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
12 1,1-Dichloroethene	0.24283	0.24790	0.24898	0.27643	0.25885	0.25416	AVRG		0.25486		4.67334	
8 Diethyl Ether	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
156 1,1,2-Trichlorotrifluoroethan	0.22785	0.24402	0.25987	0.27442	0.25804	0.26408	AVRG		0.25472		6.44987	
11 Acrolein	0.01487	0.01829	0.01650	0.01941	0.01657	0.01660	AVRG		0.01704		9.31310	
15 Carbon Disulfide	0.87775	0.87860	0.88523	0.95610	0.90200	0.88607	AVRG		0.89762		3.33551	
16 3-Chloro-1-propene	0.18567	0.17983	0.16156	0.21524	0.16922	0.18896	AVRG		0.18341		10.17369	
14 Iodomethane	0.49413	0.51039	0.46996	0.62374	0.48631	0.55379	AVRG		0.52305		10.89889	
13 Acetone	13918	38109	70430	135258	252996	303369	QUAD	-0.04397	8.94836	4.66228	0.99933	
155 Methyl acetate	0.20399	0.18807	0.18554	0.20154	0.19714	0.19100	AVRG		0.19455		3.85056	
17 Acetonitrile	0.01241	0.01576	0.01524	0.01720	0.01641	0.01642	AVRG		0.01557		10.83622	
18 Methylene Chloride	0.37863	0.28383	0.27096	0.28555	0.26587	0.25933	AVRG		0.29069		15.22697	
19 trans-1,2-Dichloroethene	0.30379	0.28921	0.29152	0.31395	0.29048	0.28092	AVRG		0.29498		4.01317	
20 Methyl tert-butyl ether	0.61716	0.59909	0.62498	0.67229	0.63209	0.62264	AVRG		0.62804		3.88042	
21 tert-Butyl Alcohol	0.01747	0.01666	0.01459	0.01836	0.01686	0.01812	AVRG		0.01701		8.01536	
22 Acrylonitrile	0.08201	0.09352	0.08424	0.09259	0.09168	0.09363	AVRG		0.08961		5.71542	
23 Hexane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
24 1,1-Dichloroethane	0.61409	0.60140	0.60184	0.64922	0.60792	0.59931	AVRG		0.61230		3.08386	

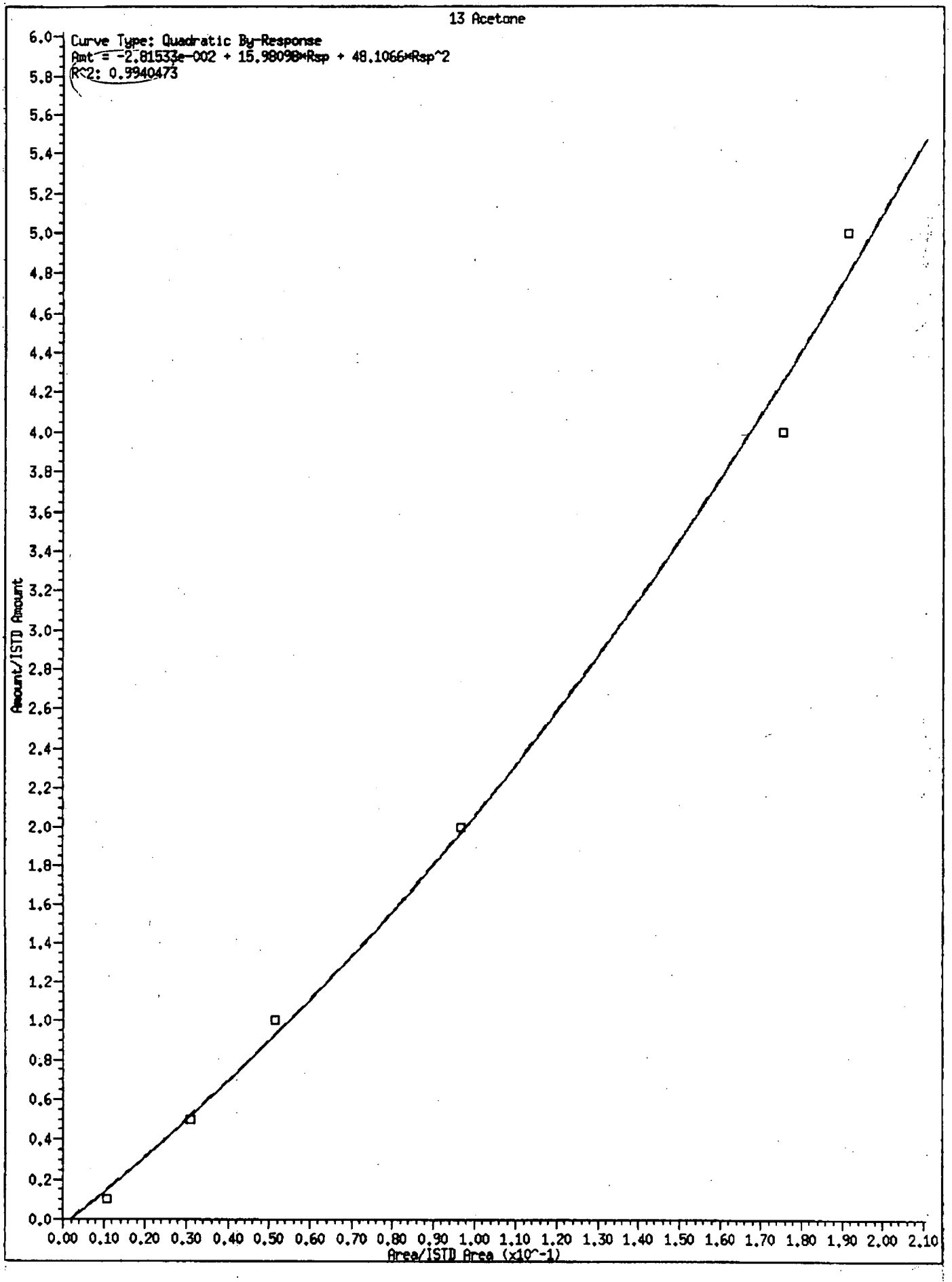
STL Pittsburgh

INITIAL CALIBRATION DATA

Start Cal Date : 01-MAY-2007 05:22
End Cal Date : 01-MAY-2007 07:27
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\qpitpa02\d\chem\hp3.i\3050107d.b\8260bh2o.m
Last Edit : 01-May-2007 07:51 gordonk
Curve Type : Average

Calibration File Names:
L vel 1: \\qpitpa02\d\chem\hp3.i\3050107d.b\1A30501.D
Level 2: \\qpitpa02\d\chem\hp3.i\3050107d.b\1B30501.D
Level 3: \\qpitpa02\d\chem\hp3.i\3050107d.b\1C30501.D
Level 4: \\qpitpa02\d\chem\hp3.i\3050107d.b\1D30501.D
L vel 5: \\qpitpa02\d\chem\hp3.i\3050107d.b\1E30501.D
Level 6: \\qpitpa02\d\chem\hp3.i\3050107d.b\1F30501.D

Compound	5.000 Level 1	25.000 Level 2	50.000 Level 3	100.000 Level 4	200.000 Level 5	250.000 Level 6	___ RRF	% RSD	
1 Dichlorodifluoromethane	0.22814	0.26489	0.30797	0.30919	0.31136	0.29776	0.28655	11.672	
161 1,3-Butadiene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
162 Vinyl Bromide	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
160 1,3,5-Trichlorobenzene	0.86720	1.03615	1.35469	1.36023	1.40477	1.27897	1.21700	17.762	
155 N-Heptane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
2 Chloromethane	0.36028	0.38858	0.42263	0.41694	0.39897	0.37895	0.39439	5.960	
3 Vinyl Chloride	0.30560	0.33692	0.38112	0.37658	0.36431	0.34433	0.35148	8.088	
4 Bromomethane	0.09896	0.08998	0.10914	0.10599	0.10419	0.09905	0.10122	6.706	
5 Chloroethane	0.07844	0.08033	0.09318	0.10401	0.08540	0.08198	0.08722	11.145	
6 Trichlorofluoromethane	0.24822	0.26975	0.31447	0.33636	0.21507	0.20956	0.26557	19.499	<-
7 Dichlorofluoromethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
8 Ethyl Ether	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
9 Ethanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
10 1,1,2-trichloro-1,2,2-triflor	0.20593	0.22888	0.26582	0.26658	0.26863	0.25653	0.24873	10.318	
156 Methyl Acetate	0.26997	0.21573	0.23472	0.23794	0.23692	0.21937	0.23577	8.153	
157 Cyclohexane	0.50264	0.56322	0.63026	0.63512	0.62310	0.59040	0.59079	8.663	
158 Methyl Cyclohexane	0.44559	0.50770	0.57300	0.57461	0.56182	0.53279	0.53259	9.366	
11 Acrolein	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
12 1,1-Dichloroethene	0.19198	0.21432	0.24045	0.23846	0.23439	0.22575	0.22423	8.245	
13 Acetone	0.10657	0.06160	0.05131	0.04840	0.04387	0.03830	0.05834	42.651	<-
14 Iodomethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
15 Carbon Disulfide	0.68595	0.76002	0.86247	0.86932	0.85214	0.82368	0.80893	8.934	
16 3-Chloro-1-propene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
17 Acetonitrile	0.01784	0.01549	0.01842	0.02151	0.02156	0.02095	0.01930	12.737	
18 Methylene Chloride	0.24007	0.23130	0.26395	0.26453	0.26102	0.24914	0.25167	5.504	
19 trans-1,2-Dichloroethene	0.22560	0.24674	0.28044	0.28060	0.27494	0.26165	0.26166	8.392	
20 Methyl tert-butyl ether	0.69291	0.70013	0.77396	0.80075	0.76326	0.73544	0.74441	5.730	
21 tert-Butyl Alcohol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-


13 Acetone
Curve Type: Quadratic By-Response
Amt = -2.81533e-002 + 15.98098*Rsp + 48.1066*Rsp^2
R^2: 0.9940473
Amount/ISTD Amount
Area/ISTD Area (x10^-1)

STL Pittsburgh

INITIAL CALIBRATION DATA

Start Cal Date : 01-MAY-2007 05:22
End Cal Date : 01-MAY-2007 07:27
Quant Method : ISTD
Target Version : 4.14
Integrator : HP RTE
Method file : \\qpitpa02\d\chem\hp3.i\3050107d.b\8260bh2o.m
Last Edit : 01-May-2007 07:56 gordonk

Compound	5.0000 Level 1	25.0000 Level 2	50.0000 Level 3	100.0000 Level 4	200.0000 Level 5	250.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
156 Methyl Acetate	0.26997	0.21573	0.23472	0.23794	0.23692	0.21937	AVRG		0.23577		8.15262	
157 Cyclohexane	0.50264	0.56322	0.63026	0.63512	0.62310	0.59040	AVRG		0.59079		8.66330	
158 Methyl Cyclohexane	0.44559	0.50770	0.57300	0.57461	0.56182	0.53279	AVRG		0.53259		9.36631	
11 Acrolein	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
12 1,1-Dichloroethene	0.19198	0.21432	0.24045	0.23846	0.23439	0.22575	AVRG		0.22423		8.24540	
13 Acetone	5126	14923	23439	44754	76117	86889	QUAD	-0.02815	15.98098	48.10660	0.99405	
14 Iodomethane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
15 Carbon Disulfide	0.68595	0.76002	0.86247	0.86932	0.85214	0.82368	AVRG		0.80893		8.93408	
16 3-Chloro-1-propene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
17 Acetonitrile	0.01784	0.01549	0.01842	0.02151	0.02156	0.02095	AVRG		0.01930		12.73669	
18 Methylene Chloride	0.24007	0.23130	0.26395	0.26453	0.26102	0.24914	AVRG		0.25167		5.50410	
19 trans-1,2-Dichloroethene	0.22560	0.24674	0.28044	0.28060	0.27494	0.26165	AVRG		0.26166		8.39158	
20 Methyl tert-butyl ether	0.69291	0.70013	0.77396	0.80075	0.76326	0.73544	AVRG		0.74441		5.72955	
21 tert-Butyl Alcohol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
22 Acrylonitrile	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
23 Hexane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
163 2,2,4-Trimethyl Pentane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
164 1,2-Epoxybutane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
165 Ethyl Acrylate	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
24 1,1-Dichloroethane	0.41515	0.44335	0.50608	0.51442	0.50123	0.47871	AVRG		0.47649		8.28493	
25 Isopropyl Ether	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
26 2-Chloro-1,3-butadiene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-

STL Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp4.i
Lab File ID: CC40510.D
Analysis Type: SOIL
Lab Sample ID: VSTD50
Method: \\qpitpa02\d\chem\hp4.i\4051007d.b\8260bsoil.m

Injection Date: 10-MAY-2007 05:10
Init. Cal. Date(s): 22-MAR-2007 05-MAY-2007
Init. Cal. Times: 18:10 06:23
Quant Type: ISTD

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
	53 Bromodichloromethane	0.30313	0.28503	0.010	-6.0	25.0
	57 cis-1,3-Dichloropropene	0.38751	0.36636	0.010	-5.5	25.0
	58 4-Methyl-2-Pentanone	1.09966	1.25672	0.010	14.3	50.0
	60 Toluene	5.61198	5.81210	0.010	3.6	20.0
	61 trans-1,3-Dichloropropene	1.38688	1.46298	0.010	5.5	25.0
	63 1,3-Dichloropropane	1.41040	1.50024	0.010	6.4	25.0
	64 1,1,2-Trichloroethane	0.76079	0.81695	0.010	7.4	25.0
	65 Tetrachloroethene	0.96249	1.01046	0.010	5.0	25.0
	66 2-Hexanone	0.94901	1.20983	0.010	27.5	50.0
	67 Dibromochloromethane	0.78001	0.81471	0.010	4.4	25.0
	68 1,2-Dibromoethane	0.74801	0.79150	0.010	5.8	25.0
	70 Chlorobenzene	3.18524	3.34195	0.300	4.9	25.0
	71 1,1,1,2-Tetrachloroethane	0.93977	1.00472	0.010	6.9	25.0
	72 Ethylbenzene	1.89382	1.99000	0.010	5.1	20.0
	73 m + p-Xylene	2.29584	2.44954	0.010	6.7	25.0
	74 Xylene-o	2.15943	2.30335	0.010	6.7	25.0
M	75 Xylenes (total)	2.25037	2.40081	0.010	6.7	25.0
	76 Styrene	3.54795	3.79363	0.010	6.9	25.0
	77 Bromoform	0.37923	0.39190	0.100	3.3	25.0
	78 Isopropylbenzene	5.95698	6.34134	0.010	6.5	25.0
	83 1,1,2,2-Tetrachloroethane	0.57010	0.66096	0.300	15.9	25.0
	91 1,3-Dichlorobenzene	1.60913	1.81193	0.010	12.6	25.0
	93 1,4-Dichlorobenzene	1.63625	1.83610	0.010	12.2	25.0
	95 1,2-Dichlorobenzene	1.42330	1.61928	0.010	13.8	25.0
	96 1,2-Dibromo-3-chloropropane	0.09006	0.10237	0.010	13.7	50.0
	97 1,2,4-Trichlorobenzene	0.95320	1.08250	0.010	13.6	25.0
	100 1,2,3-Trichlorobenzene	0.80280	0.89493	0.010	11.5	25.0

No positive detections in associated Samples

STL Pittsburgh

INITIAL CALIBRATION DATA

Start Cal Date : 22-MAY-2007 05:53
End Cal Date : 22-MAY-2007 08:18
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\qpitpa02\d\chem\722.i\5pt.b\8270b.m
Last Edit : 23-May-2007 11:12 bungardf
Curve Type : Average

Calibration File Names:
Level 1: \\qpitpa02\d\chem\722.i\5pt.b\F05220C2.D
Level 2: \\qpitpa02\d\chem\722.i\5pt.b\F05220C3.D
Level 3: \\qpitpa02\d\chem\722.i\5pt.b\F05220C1.D
Level 4: \\qpitpa02\d\chem\722.i\5pt.b\F05220C4.D
Level 5: \\qpitpa02\d\chem\722.i\5pt.b\F05220C5.D
Level 6: \\qpitpa02\d\chem\722.i\5pt.b\F05220C6.D

Compound	20.000 Level 1	40.000 Level 2	50.000 Level 3	80.000 Level 4	120.000 Level 5	160.000 Level 6	RRF	% RSD	
225 n-Decane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
226 n-Octadecane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
224 Pentachloroanisole	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
203 3&4 Methylphenol total	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
198 1,4-Dioxane	0.80783	0.85090	0.78322	0.79489	0.77457	0.74499	0.79273	4.483	
7 N-Nitrosomorpholine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
8 Ethyl methanesulfonate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
9 Pyridine	2.09834	2.06140	2.00258	1.95954	1.90499	1.84664	1.97892	4.792	
199 Thionazin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
200 Sulfotepp	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
10 N-Nitrosodimethylamine	1.07611	1.09582	1.02781	1.04709	1.02654	0.98797	1.04356	3.694	
11 Ethyl methacrylate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
12 3-Chloropropionitrile	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
13 Malononitrile	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
14 2-Picoline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
15 N-Nitrosomethylethylamine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
16 Methyl methanesulfonate	1.12369	1.14981	1.07439	1.09961	1.03304	1.00899	1.08159	4.967	
18 1,3-Dichloro-2-propanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
19 N-Nitrosodiethylamine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
220 Benzaldehyde	1.07180	0.91144	0.65148	0.67251	0.47508	0.38609	0.69473	37.259	<-
21 Aniline	1.60986	1.55481	1.47089	1.48016	1.45115	1.43072	1.49960	4.572	
22 Phenol	1.41866	1.44790	1.46942	1.45389	1.50968	1.58503	1.48076	3.995	
23 bis(2-Chloroethyl)ether	1.06035	1.03536	1.04891	1.03121	1.07674	1.12280	1.06256	3.190	
24 2-Chlorophenol	1.29291	1.31277	1.31634	1.29511	1.37421	1.42938	1.33679	4.046	
25 Pentachloroethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
26 1,3-Dichlorobenzene	1.61658	1.61194	1.60833	1.63125	1.73334	1.78936	1.66513	4.624	
27 1,4-Dichlorobenzene	1.64545	1.61147	1.60397	1.66605	1.73463	1.80389	1.67758	4.630	
28 1,2-Dichlorobenzene	1.47777	1.46905	1.48051	1.51518	1.60528	1.69452	1.54039	5.893	

SW846 8270C SURROGATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: Tetra T ch NUS, Inc

Lab Code: STLPIT SDG No:

Lot #: C7E050116

Extraction: XXA4FQLWA

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	SRG05	SRG06	TOT OUT
01	03TP12-0405-01	87	91	90	112	87	100	00
02	03TP12-0304-02	65	71	69	82	65	78	00
03	03TP12-0102-03	0 D	0 D	0 D	0 D	0 D	0 D	06
04	03TP11-0304-01	59	57	56	61	54	84	00
05	03TP11-0405-02	58	56	55	66	54	90	00
06	03TP13-0203-01	61	62	59	68	59	95	00
07	03TP14-0203-01	68	60	58	72	59	80	00
08	METHOD BLK. JWEJ51AA	75	80	86	91	74	110	00
09	LCS JWEJ51AC	85	87	89	89	84	104	00
10	03TP11-0405-02 D	53	42	50	65	44	72	00
11	03TP11-0405-02 S	55	43	51	68	45	72	00

SURROGATES		QC LIMITS
SRG01	= 2-Fluorobiphenyl	(45-105)
SRG02	= 2-Fluorophenol	(35-105)
SRG03	= Phenol-d5	(40-100)
SRG04	= 2,4,6-Tribromophenol	(35-125)
SRG05	= Nitrobenzene-d5	(35-100)
SRG06	= Terphenyl-d14	(30-125)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

SW846 8270C MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: STLPIT SDG No:

Matrix Spike ID: 03TP11-0405-02 Level:(low/med) LOW

Lot #: C7E050116 WO #: JWDEL1CD
BATCH: 7127015

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	MS CONCENT. (ug/kg)	MS % REC	LIMITS REC	QUAL
Acenaphthene	1990	ND	1090	55	45- 110	
4-Chloro-3-methylphenol	1990	ND	1100	55	45- 115	
2-Chlorophenol	1990	ND	871	44*	45- 105	a
1,4-Dichlorobenzene	1990	ND	601	30*	35- 105	a
2,4-Dinitrotoluene	1990	ND	1170	59	50- 115	
4-Nitrophenol	1990	ND	1300	65	15- 140	
N-Nitrosodi-n-propylamine	1990	ND	1060	53	40- 115	
Pentachlorophenol	1990	ND	1600	80	25- 120	
Phenol	1990	ND	963	48	40- 100	
Pyrene	1990	ND	1240	62	45- 125	
1,2,4-Trichlorobenzene	1990	ND	819	41*	45- 110	a
bis(2-Ethylhexyl) phthala	1990	ND	1320	66	45- 125	
Acenaphthylene	1990	ND	1140	57	45- 105	
Anthracene	1990	ND	1190	60	55- 105	
Benzo(a)anthracene	1990	ND	1220	61	50- 110	
Benzo(b)fluoranthene	1990	ND	868	44*	45- 115	a
Benzo(k)fluoranthene	1990	ND	1170	59	45- 125	
Benzo(qhi)perylene	1990	ND	1530	77	40- 125	
Benzo(a)pyrene	1990	ND	1210	61	50- 110	
bis(2-Chloroethoxy)methan	1990	ND	906	45	45- 110	
bis(2-Chloroethyl) ether	1990	ND	744	37*	40- 105	a
4-Bromophenyl phenyl ethe	1990	ND	1200	60	45- 115	
Butyl benzyl phthalate	1990	ND	1210	61	50- 125	
Carbazole	1990	ND	1220	61	45- 115	
4-Chloroaniline	1990	ND	631	32	10- 95	
2-Chloronaphthalene	1990	ND	1080	54	45- 105	
4-Chlorophenyl phenyl eth	1990	ND	1130	57	45- 110	
Chrysene	1990	ND	1240	62	55- 110	

(Continued on next page)

SW846 8270C MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: STLPIT SDG No:

Matrix Spike ID: 03TP11-0405-02 Level:(low/med) LOW

Lot #: C7E050116 WO #: JWDEL1CD
BATCH: 7127015

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	MS CONCENT. (ug/kg)	MS % REC	LIMITS REC	QUAL
Dibenz(a,h)anthracene	1990	ND	1760	88	40- 125	
Dibenzofuran	1990	ND	1110	56	50- 105	
Di-n-butyl phthalate	1990	ND	1200	60	55- 110	
1,2-Dichlorobenzene	1990	ND	635	32*	45- 95	a
1,3-Dichlorobenzene	1990	ND	577	29*	40- 100	a
3,3'-Dichlorobenzidine	1990	ND	475	24	10- 130	
2,4-Dichlorophenol	1990	ND	1070	54	45- 110	
Diethyl phthalate	1990	ND	1210	61	50- 115	
2,4-Dimethylphenol	1990	ND	737	37	30- 105	
Dimethyl phthalate	1990	ND	1170	59	50- 110	
4,6-Dinitro-2-methylpheno	1990	ND	688	34	30- 135	
2,4-Dinitrophenol	1990	ND	358	18	15- 130	
2,6-Dinitrotoluene	1990	ND	1160	58	50- 110	
Di-n-octyl phthalate	1990	ND	1110	56	40- 130	
Fluoranthene	1990	ND	932	47*	55- 115	a
Fluorene	1990	ND	1160	58	50- 110	
Hexachlorobenzene	1990	ND	1190	60	45- 120	
Hexachlorobutadiene	1990	ND	827	41	40- 115	
Hexachloroethane	1990	ND	599	30*	35- 110	a
Indeno(1,2,3-cd)pyrene	1990	ND	1460	73	40- 120	
Isophorone	1990	ND	1040	52	45- 110	
2-Methylnaphthalene	1990	ND	938	47	45- 105	
2-Methylphenol	1990	ND	900	45	40- 105	
Naphthalen	1990	ND	878	44	40- 105	
2-Nitroaniline	1990	ND	1190	60	45- 120	
3-Nitroaniline	1990	ND	1050	53	25- 110	
4-Nitroaniline	1990	ND	1160	58	35- 115	
Nitrobenzene	1990	ND	894	45	40- 115	

(Continued on next page)

SW846 8270C MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: STLPIT SDG No:

Matrix Spike ID: 03TP11-0405-02 Level:(low/med) LOW

Lot #: C7E050116 WO #: JWDEL1CE
BATCH: 7127015

COMPOUND	SPIKE ADDED (ug/kg)	MSD CONCENT. (ug/kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	QUAL
Acenaphthene	1990	1080	54	1.5	44	45- 110	
4-Chloro-3-methylphenol	1990	1060	53	3.4	55	45- 115	
2-Chlorophenol	1990	867	43*	0.52	54	45- 105	a
1,4-Dichlorobenzene	1990	595	30*	1.2	59	35- 105	a
2,4-Dinitrotoluene	1990	1140	57	2.5	45	50- 115	
4-Nitrophenol	1990	1270	64	1.7	64	15- 140	
N-Nitrosodi-n-propylamine	1990	1060	53	0.25	50	40- 115	
Pentachlorophenol	1990	1590	80	0.99	87	25- 120	
Phenol	1990	981	49	1.9	50	40- 100	
Pyrene	1990	1280	64	3.2	66	45- 125	
1,2,4-Trichlorobenzene	1990	797	40*	2.8	54	45- 110	a
bis(2-Ethylhexyl) phthala	1990	1360	68	2.9	31	45- 125	
Acenaphthylene	1990	1120	56	1.7	41	45- 105	
Anthracene	1990	1200	60	0.19	22	55- 105	
Benzo(a)anthracene	1990	1200	60	1.2	23	50- 110	
Benzo(b)fluoranthene	1990	869	44*	0.16	28	45- 115	a
Benzo(k)fluoranthene	1990	1200	60	3.1	31	45- 125	
Benzo(ghi)perylene	1990	1550	78	1.2	50	40- 125	
Benzo(a)pyrene	1990	1210	61	0.44	31	50- 110	
bis(2-Chloroethoxy)methan	1990	903	45	0.34	35	45- 110	
bis(2-Chloroethyl) ether	1990	732	37*	1.6	33	40- 105	a
4-Bromoph nyl phenyl ethe	1990	1190	60	1.2	20	45- 115	
Butyl benzyl phthalate	1990	1220	61	0.41	35	50- 125	
Carbazole	1990	1200	60	2.1	20	45- 115	
4-Chloroaniline	1990	608	30	3.8	28	10- 95	
2-Chloronaphthalene	1990	1050	52	3.3	28	45- 105	
4-Chlorophenyl phenyl eth	1990	1110	56	1.8	29	45- 110	
Chrysene	1990	1280	64	2.8	31	55- 110	

(Continued on next page)

SW846 8270C MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: STLPIT SDG No:

Matrix Spike ID: 03TP11-0405-02 Level:(low/med) LOW

Lot #: C7E050116 WO #: JWDEL1CE
BATCH: 7127015

COMPOUND	SPIKE ADDED	MSD CONCENT.	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	QUAL
Dibenz(a,h)anthracene	1990	1710	86	3.0	55	40- 125	
Dibenzofuran	1990	1100	55	0.61	27	50- 105	
Di-n-butyl phthalate	1990	1190	59	1.4	24	55- 110	
1,2-Dichlorobenzene	1990	643	32*	1.2	25	45- 95	a
1,3-Dichlorobenzene	1990	581	29*	0.67	46	40- 100	a
3,3'-Dichlorobenzidine	1990	506	25	6.5	56	10- 130	
2,4-Dichlorophenol	1990	1050	53	1.7	27	45- 110	
Diethyl phthalate	1990	1180	59	2.4	29	50- 115	
2,4-Dim thylphenol	1990	729	37	1.0	26	30- 105	
Dimethyl phthalate	1990	1160	58	0.73	30	50- 110	
4,6-Dinitro-2-methylpheno	1990	631	32	8.6	39	30- 135	
2,4-Dinitrophenol	1990	298	15	18	56	15- 130	
2,6-Dinitrotoluene	1990	1120	56	3.6	39	50- 110	
Di-n-octyl phthalate	1990	1120	56	1.4	29	40- 130	
Fluoranthene	1990	908	46*	2.7	23	55- 115	a
Fluorene	1990	1130	56	3.4	29	50- 110	
Hexachlorobenzene	1990	1180	59	0.60	29	45- 120	
Hexachlorobutadiene	1990	822	41	0.64	25	40- 115	
Hexachloroethane	1990	599	30*	0.010	29	35- 110	a
Indeno(1,2,3-cd)pyrene	1990	1450	73	0.74	37	40- 120	
Isophorone	1990	1020	51	2.0	30	45- 110	
2-Methylnaphthalene	1990	910	46	3.0	27	45- 105	
2-Methylphenol	1990	907	45	0.78	29	40- 105	
Naphthalene	1990	859	43	2.2	25	40- 105	
2-Nitroaniline	1990	1180	59	1.3	39	45- 120	
3-Nitroaniline	1990	1010	51	3.2	45	25- 110	
4-Nitroaniline	1990	1100	55	4.6	44	35- 115	
Nitrobenzene	1990	885	44	0.94	29	40- 115	

(Continued on next page)

SW846 8270C CHECK SAMPLE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: STLPIT SDG No:

Lot #: C7E070000 WO #: JWEJ51AC
BATCH: 7127015

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
2,2'-oxybis(1-Chloropropa	1670	1290	77	20- 115	
N-Nitrosodimethylamine	1670	1470	88	20- 115	
3-Methylphenol & 4-Methyl	3330	3580	107*	40- 105	a
1,2-Diphenylhydrazine (as	1670	1560	93	1- 175	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

* Values outside of QC limits

Spike Recovery: 1 out of 66 outside limits

COMMENTS:

FORM III

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

03TP12-0102-03

Lab Name: STL PITTSBURGH Contract:

Lab Code: STL Case No.: SAS No.: 40325 SDG No.: C7E050116

Lab Sample ID: JWDEJ1AP Date(s) Analyzed: 05/10/07 05/10/07

Instrument ID (1): GC4 Instrument ID (2): GC4

GC Column(1): MR-1 ID: 0.53(mm) GC Column(2): MR-2 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
~~alpha-BHC~~	~~1~~	~~4.30~~	~~4.31~~	~~4.37~~	~~0.1165~~	
JD 5/18/07	~~2~~	~~4.32~~	~~4.31~~	~~4.41~~	~~0.3586~~	~~207.8~~
gamma-BHC (Lindane)	1	4.66	4.66	4.72	0.6942	
	2	4.75	4.69	4.79	0.9378	35.1
Aldrin	1	5.15	5.16	5.22	0.8903	
	2	5.49	5.44	5.54	0.5799	53.5
Heptachlor epoxide	1	6.07	6.06	6.12	2.367	
	2	6.02	5.98	6.08	1.129	109.6
Dieldrin	1	6.87	6.86	6.92	85.98	
	2	6.82	6.78	6.88	83.85	2.5
4,4'-DDE	1	6.71	6.70	6.76	0.4984	
	2	6.62	6.58	6.68	0.5685	14.1
4,4'-DDT	1	7.89	7.88	7.94	0.9254	
	2	7.80	7.76	7.86	1.762	90.4
~~Methoxychlor~~	~~1~~	~~8.69~~	~~8.66~~	~~8.72~~	~~0.6695~~	
	~~2~~	~~8.72~~	~~8.64~~	~~8.74~~	~~2.427~~	~~262.5~~

page 1 of 2

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

03TP12-0102-03

Lab Name: STL PITTSBURGH Contract:

Lab Code: STL Case No.: SAS No.: 40325 SDG No.: C7E050116

Lab Sample ID: JWDEJ1AP Date(s) Analyzed: 05/10/07 05/10/07

Instrument ID (1): GC4 Instrument ID (2): GC4

GC Column(1): MR-1 ID: 0.53(mm) GC Column(2): MR-2 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Endrin ketone	1	8.81	8.80	8.86	0.6869	
	2	9.07	9.02	9.12	0.2430	182.7
alpha-Chlordane	1	6.47	6.44	6.50	19.24	
	2	6.38	6.36	6.46	15.28	25.9
gamma-Chlordane	1	6.37	6.36	6.42	13.14	
	2	6.33	6.29	6.39	10.40	26.3
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

page 2 of 2

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

03TP12-0304-02

Lab Name: .STL PITTSBURGH Contract:

Lab Code: STL Case No.: SAS No.: 40325 SDG No.: C7E050116

Lab Sample ID: JWDEH1AP Date(s) Analyzed: 05/10/07 05/10/07

Instrument ID (1): GC4 Instrument ID (2): GC4

GC Column(1): MR-1 ID: 0.53(mm) GC Column(2): MR-2 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
delta-BHC	1	5.61	5.59	5.65	0.9852	
	2	5.32	5.30	5.40	1.129	14.6
gamma-BHC (Lindane)	1	4.65	4.65	4.71	4.584	
	2	4.75	4.68	4.78	5.540	20.8
Heptachlor	1	5.25	5.25	5.31	0.8073	
	2	5.22	5.12	5.22	0.4318	87.0
Aldrin	1	5.19	5.14	5.20	1.576	
	2	5.51	5.44	5.54	1.434	9.9
Heptachlor epoxide	1	6.07	6.05	6.11	3.016	
	2	6.07	5.97	6.07	13.40	344.3
Dieldrin	1	6.87	6.84	6.90	10.71	
	2	6.82	6.78	6.88	12.47	16.4
4,4'-DDE	1	6.71	6.68	6.74	11.05	
	2	6.62	6.58	6.68	11.97	8.3
4,4'-DDD	1	7.43	7.40	7.46	3.281	
	2	7.41	7.36	7.46	2.952	11.1

page 1 of 2

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

03TP12-0304-02

Lab Name: .STL PITTSBURGH Contract:

Lab Code: STL Case No.: SAS No.: 40325 SDG No.: C7E050116

Lab Sample ID: JWDEH1AP Date(s) Analyzed: 05/10/07 05/10/07

Instrument ID (1): GC4 Instrument ID (2): GC4

GC Column(1): MR-1 ID: 0.53(mm) GC Column(2): MR-2 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
~~Endosulfan sulfate~~	~~1~~	~~8.05~~	~~8.04~~	~~8.10~~	~~0.2123~~	
JD 5/18/07	~~2~~	~~8.28~~	~~8.22~~	~~8.32~~	~~0.5636~~	~~165.5~~
4,4'-DDT	1	7.89	7.86	7.92	1.247	
	2	7.80	7.76	7.86	2.318	85.9
alpha-Chlordane	1	6.47	6.43	6.49	19.66	
	2	6.38	6.36	6.46	16.34	20.3
gamma-Chlordane	1	6.37	6.34	6.40	16.10	
	2	6.33	6.29	6.39	12.76	26.2
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

03TP12-0405-01

Lab Name: .STL PITTSBURGH Contract:

Lab Code: STL Case No.: SAS No.: 40325 SDG No.: C7E050116

Lab Sample ID: JWDEF1AE Date(s) Analyzed: 05/10/07 05/10/07

Instrument ID (1): GC4 Instrument ID (2): GC4

GC Column(1): MR-1 ID: 0.53(mm) GC Column(2): MR-2 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
delta-BHC	1	5.61	5.59	5.65	2.261	
	2	5.37	5.30	5.40	2.194	3.0
gamma-BHC (Lindane)	1	4.66	4.65	4.71	2.319	
	2	4.75	4.68	4.78	2.292	1.2
Heptachlor	1	5.25	5.25	5.31	2.281	
	2	5.17	5.12	5.22	3.614	58.4
Aldrin	1	5.19	5.14	5.20	5.350	
	2	5.49	5.44	5.54	4.064	31.6
Heptachlor epoxide	1	6.08	6.05	6.11	8.746	
	2	6.02	5.97	6.07	4.446	96.7
Dieldrin	1	6.87	6.84	6.90	116.8	
	2	6.82	6.78	6.88	112.8	3.5
4,4'-DDE	1	6.71	6.68	6.74	15.22	
	2	6.62	6.58	6.68	14.98	1.6
4,4'-DDD	1	7.43	7.40	7.46	8.257	
	2	7.41	7.36	7.46	4.588	80.0

page 1 of 2

FORM X PEST-1 OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

03TP12-0405-01

Lab Name: .STL PITTSBURGH Contract:

Lab Code: STL Case No.: SAS No.: 40325 SDG No.: C7E050116

Lab Sample ID: JWDEF1AE Date(s) Analyzed: 05/10/07 05/10/07

Instrument ID (1): GC4 Instrument ID (2): GC4

GC Column(1): MR-1 ID: 0.53(mm) GC Column(2): MR-2 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Endosulfan sulfate	1	8.05	8.04	8.10	0.5133	
	2	8.29	8.22	8.32	0.7656	49.2
Methoxychlor	1	8.69	8.65	8.71	1.750	
	2	8.71	8.64	8.74	6.009	243.4
Endrin aldehyde	1	7.73	7.68	7.74	1.544	
	2	7.88	7.85	7.95	1.660	7.5
alpha-Chlordane	1	6.47	6.43	6.49	75.02	
	2	6.38	6.36	6.46	66.25	13.2
gamma-Chlordane	1	6.37	6.34	6.40	46.83	
	2	6.33	6.29	6.39	33.91	38.1
	1					
	2					
	1					
	2					
	1					
	2					

page 2 of 2

FORM X PEST-1

OLM03.0

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

03TP13-0203-01

Lab Name: STL PITTSBURGH Contract:

Lab Code: STL Case No.: SAS No.: 40325 SDG No.: C7E050116

Lab Sample ID: JWDER1AP Date(s) Analyzed: 05/10/07 05/10/07

Instrument ID (1): GC4 Instrument ID (2): GC4

GC Column(1): MR-1 ID: 0.53(mm) GC Column(2): MR-2 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
~~alpha-BHC~~	~~1~~	~~4.30~~	~~4.31~~	~~4.37~~	~~0.1943~~	
JD 5/18/07	~~2~~	~~4.40~~	~~4.31~~	~~4.41~~	~~0.1638~~	18.6
Dieldrin	1	6.87	6.86	6.92	0.1930	
	2	6.81	6.78	6.88	0.2077	7.6
4,4'-DDE	1	6.71	6.70	6.76	0.5536	
	2	6.62	6.58	6.68	0.6165	11.4
~~Endosulfan II~~	~~1~~	~~7.53~~	~~7.51~~	~~7.57~~	~~0.2223~~	
	~~2~~	~~7.63~~	~~7.60~~	~~7.70~~	~~0.2934~~	~~32.0~~
4,4'-DDT	1	7.89	7.88	7.94	0.2588	
	2	7.80	7.76	7.86	0.3323	28.4
	1					
	2					
	1					
	2					
	1					
	2					

page 1 of 1

FORM X PEST-1 OLM03.0

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

03TP14-0203-01

Lab Name: STL PITTSBURGH Contract:

Lab Code: STL Case No.: SAS No.: 40325 SDG No.: C7E050116

Lab Sample ID: JWDEV1AP Date(s) Analyzed: 05/11/07 05/11/07

Instrument ID (1): GC4 Instrument ID (2): GC4

GC Column(1): MR-1 ID: 0.53(mm) GC Column(2): MR-2 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
~~alpha-BHC~~	~~1~~	~~4.33~~	~~4.31~~	~~4.37~~	~~0.7938~~	
JD 5/18/07	~~2~~	~~4.34~~	~~4.31~~	~~4.41~~	~~1.945~~	~~145.0~~
gamma-BHC (Lindane)	1	4.68	4.66	4.72	3.605	
	2	4.77	4.69	4.79	5.591	55.1
Heptachlor epoxide	1	6.09	6.06	6.12	24.28	
	2	6.03	5.98	6.08	9.219	163.4
Dieldrin	1	6.89	6.86	6.92	313.3	
	2	6.83	6.78	6.88	296.5	5.7
4,4'-DDT	1	7.91	7.88	7.94	13.01	
	2	7.81	7.76	7.86	16.10	23.8
alpha-Chlordane	1	6.49	6.44	6.50	263.2	
	2	6.40	6.36	6.46	194.8	35.1
gamma-Chlordane	1	6.39	6.36	6.42	182.4	
	2	6.35	6.29	6.39	161.6	12.9
	1					
	2					

page 1 of 1

FORM X PEST-1 OLM03.0

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: STL PITTSBURGH Contract:

Lab Code: STL Case No.: SAS No.: 40325 SDG No.: C7E050116

GC Column: RTX-50 ID: 0.53 (mm) Init. Calib. Date(s): 04/03/07 04/03/07

Instrument ID: GC4

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 3.83 DCB: 11.11

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01		EVALB	04/03/07	1139	3.85	11.21*
02		MEDTOX	04/03/07	1156	3.85	11.19*
03		MCHLOR	04/03/07	1213	3.85	11.19*
04		LOWA	04/03/07	1555	3.85	11.19*
05		MLOWA	04/03/07	1612	3.85	11.19*
06		MEDA	04/03/07	1629	3.85	11.19*
07		MHIGHA	04/03/07	1646	3.85	11.19*
08		HIGHA	04/03/07	1703	3.85	11.19*
09		XHIGHA	04/03/07	1721	3.85	11.19*
10		LOWB	04/03/07	1738		
11		MLOWB	04/03/07	1755		
12		MEDB	04/03/07	1812		
13		MHIGHB	04/03/07	1829		
14		HIGHB	04/03/07	1846		
15		XHIGHB	04/03/07	1903		
16		2ND A	04/03/07	1955	3.85	11.19*
17		2ND B	04/03/07	2012		
18		EVALB	04/03/07	2029	3.85	11.19*
19		MEDA	05/10/07	1512	3.82	11.09
20		MEDB	05/10/07	1529		
21		EVALB	05/10/07	1546	3.82	11.09
22	03TP12-0405-	JWDEF1AE	05/10/07	1603	3.82	11.09
23	03TP12-0304-	JWDEH1AP	05/10/07	1620	3.82	11.09
24	03TP12-0102-	JWDEJ1AP	05/10/07	1637	3.82	11.09
25	03TP11-0304-	JWDEK1AP	05/10/07	1654	3.82	11.09
26	03TP11-0405-	JWDEL1CF	05/10/07	1711	3.82	11.09
27	03TP11-0405-	JWDEL1CG	05/10/07	1728	3.82	11.09
28	03TP11-0405-	JWDEL1CH	05/10/07	1745	3.82	11.09
29	03TP13-0203-	JWDER1AP	05/10/07	1802	3.82	11.09
30	PBLK9033	JWJCD1AA	05/10/07	1837	3.82	11.09
31		MHIGHA	05/10/07	1854	3.82	11.09
32		MHIGHB	05/10/07	1911		

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.03 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.03 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

page 1 of 2

FORM VIII PEST OLM03.0

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: STL PITTSBURGH Contract:

Lab Code: STL Case No.: SAS No.: 40325 SDG No.: C7E050116

GC Column: RTX-1701 ID: 0.53 (mm) Init. Calib. Date(s): 04/03/07 04/03/07

Instrument ID: GC4

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 3.77 DCB: 11.07

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01		EVALB	04/03/07	1139	3.80	11.16*
02		MEDTOX	04/03/07	1156	3.81	11.15*
03		MCHLOR	04/03/07	1213	3.81	11.15*
04		LOWA	04/03/07	1555	3.81	11.15*
05		MLOWA	04/03/07	1612	3.81	11.15*
06		MEDA	04/03/07	1629	3.81	11.15*
07		MHIGHA	04/03/07	1646	3.81	11.15*
08		HIGHA	04/03/07	1703	3.80	11.15*
09		XHIGHA	04/03/07	1721	3.80	11.15*
10		LOWB	04/03/07	1738		
11		MLOWB	04/03/07	1755		
12		MEDB	04/03/07	1812		
13		MHIGHB	04/03/07	1829		
14		HIGHB	04/03/07	1846		
15		XHIGHB	04/03/07	1903		
16		2ND A	04/03/07	1955	3.81	11.15*
17		2ND B	04/03/07	2012		
18		EVALB	04/03/07	2029	3.81	11.15*
19		MEDA	05/10/07	1512	3.77	11.07
20		MEDB	05/10/07	1529		
21		EVALB	05/10/07	1546	3.77	11.07
22	03TP12-0405-	JWDEF1AE	05/10/07	1603	3.77	11.07
23	03TP12-0304-	JWDEH1AP	05/10/07	1620	3.77	11.07
24	03TP12-0102-	JWDEJ1AP	05/10/07	1637	3.77	11.07
25	03TP11-0304-	JWDEK1AP	05/10/07	1654	3.77	11.07
26	03TP11-0405-	JWDEL1CF	05/10/07	1711	3.77	11.07
27	03TP11-0405-	JWDEL1CG	05/10/07	1728	3.77	11.07
28	03TP11-0405-	JWDEL1CH	05/10/07	1745	3.77	11.07
29	03TP13-0203-	JWDER1AP	05/10/07	1802	3.77	11.07
30	PBLK9033	JWJCD1AA	05/10/07	1837	3.77	11.07
31		MHIGHA	05/10/07	1854	3.77	11.07
32		MHIGHB	05/10/07	1911		

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.05 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

page 1 of 2

FORM VIII PEST OLM03.0

SW846 8081A MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: STLPIT SDG No:

Matrix Spike ID: 03TP11-0405-02 Level: (low/med) LOW

Lot #: C7E050116 WO #: JWDEL1CG
BATCH: 7129033

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	MS CONCENT. (ug/kg)	MS % REC	LIMITS REC	QUAL
gamma-BHC (Lindane)	39.9	ND	32.0	80	60- 125	
Heptachlor	39.9	ND	35.3	89	50- 140	
Aldrin	39.9	ND	34.1	85	45- 140	
Dieldrin	39.9	ND	31.0	78	65- 125	
Endrin	39.9	ND	37.7	95	60- 135	
4,4'-DDT	39.9	ND	30.1	75	45- 140	
alpha-BHC	39.9	ND	31.7	79	60- 125	
beta-BHC	39.9	ND	35.2	88	60- 125	
delta-BHC	39.9	ND	34.8	87	55- 130	
Heptachlor epoxide	39.9	ND	34.9	88	65- 130	
Endosulfan I	39.9	ND	34.0	85	15- 135	
4,4'-DDE	39.9	ND	36.3	91	70- 125	
Endosulfan II	39.9	ND	33.6	84	35- 140	
4,4'-DDD	39.9	ND	36.5	91	30- 135	
Endosulfan sulfate	39.9	ND	26.8	67	60- 135	
Methoxychlor	39.9	ND	32.5	81	55- 145	
Endrin ketone	39.9	ND	34.3	86	65- 135	
Endrin aldehyde	39.9	ND	5.45	14*	35- 145	a
alpha-Chlordane	39.9	ND	34.5	87	65- 120	
gamma-Chlordane	39.9	ND	38.3	96	65- 125	

NOTES(S):

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 1 out of 20 outside limits

COMMENTS:

FORM III

SW846 8081A MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: STLPIT SDG No:

Matrix Spike ID: 03TP11-0405-02 Level: (low/med) LOW

Lot #: C7E050116 WO #: JWDEL1CH
BATCH: 7129033

COMPOUND	SPIKE ADDED (ug/kg)	MSD CONCENT. (ug/kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	QUAL
gamma-BHC (Lindane)	39.9	32.6	82	1.6	36	60- 125	
Heptachlor	39.9	35.7	90	1.1	44	50- 140	
Aldrin	39.9	34.7	87	1.7	40	45- 140	
Dieldrin	39.9	31.7	80	2.3	33	65- 125	
Endrin	39.9	38.1	96	1.0	38	60- 135	
4,4'-DDT	39.9	30.2	76	0.39	42	45- 140	
alpha-BHC	39.9	32.2	81	1.7	40	60- 125	
beta-BHC	39.9	35.9	90	1.8	43	60- 125	
delta-BHC	39.9	35.8	90	2.8	34	55- 130	
Heptachlor epoxide	39.9	35.3	89	1.2	43	65- 130	
Endosulfan I	39.9	34.9	88	2.7	41	15- 135	
4,4'-DDE	39.9	37.0	93	2.0	39	70- 125	
Endosulfan II	39.9	33.7	85	0.56	27	35- 140	
4,4'-DDD	39.9	37.8	95	3.4	35	30- 135	
Endosulfan sulfate	39.9	27.2	68	1.7	34	60- 135	
Methoxychlor	39.9	33.0	83	1.6	41	55- 145	
Endrin ketone	39.9	34.4	86	0.31	32	65- 135	
Endrin aldehyde	39.9	5.41	14*	0.88	29	35- 145	a
alpha-Chlordane	39.9	35.1	88	1.8	65	65- 120	
gamma-Chlordane	39.9	38.6	97	0.87	36	65- 125	

NOTES(S):

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

Column to be used to flag recovery and RPD values with an asterisk
* Valu s outside of QC limits

RPD: 0 out of 20 outside limits
Spike Recovery: 1 out of 20 outside limits

COMMENTS:

FORM III