N60200.AR.004804
NAS CECIL FIELD, FL
5090.3a

THIRD QUARTER SECOND YEAR GROUNDWATER MONITORING LETTER REPORT FOR NORTH SOUTH APRON PLUME NAS CECIL FIELD FL

4/26/2007

TETRA TECH NUS INC

Document Tracking Number 07JAX0040

April 26, 2007

Project Number 112G00378

Mr. David Grabka
Remedial Project Manager
Technical Review/Federal Facilities
Florida Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Reference: CLEAN IV Contract Number N62467-04-D-0055
Contract Task Order 0025

Subject: Quarterly Groundwater Monitoring Report, 3rd Quarter, 2nd Year – February 2007
North-South Apron Plume
Naval Air Station Cecil Field
Jacksonville, Florida

Dear Mr. Grabka:

Tetra Tech NUS, Inc. (TtNUS) is pleased to submit this Quarterly Groundwater Monitoring Report for the North-South Apron Plume. This Quarterly Groundwater Monitoring Report was prepared for the United States Navy, Naval Facilities Engineering Command Southeast (NAVFAC SE) under the Comprehensive Long-Term Environmental Action Navy (CLEAN) III Contract Number N62467-94-D-0888.

The primary objective of these sampling activities at the site is to monitor groundwater associated with the intermediate and deep zones of the shallow surficial aquifer quarterly. The sampling program was accomplished in general accordance with the Natural Attenuation Monitoring Plan (NAMP) Approval Order issued by the Florida Department of Environmental Protection (FDEP) on October 21, 2005, based on Chapter 62-770.690, Florida Administrative Code (F.A.C.) (see Attachment A). This report summarizes the field operations and analytical results for the subject site for the 3rd Quarter, 2nd Year – February 2007 sampling event. Figure 1 shows the location of the site.

FIELD OPERATIONS

Field operations were performed in general accordance with FDEP and TtNUS Standard Operating Procedures. Groundwater samples were collected on February 2, 2007, using low-flow methods from the three intermediate monitoring wells (CEF-M18-04I, CEF-M18-05I, and CEF-M18-09I) and one deep monitoring well (CEF-M18-12D) listed in the 2003 Supplemental Site Assessment Letter Report II and the 2005 NAMP. Following collection, the groundwater samples were placed on ice and hand-delivered under chain of custody to ENCO Laboratories in Jacksonville, Florida for analysis. All samples were analyzed for the contaminants of concern (COCs) benzene, toluene, ethylbenzene, and total xylenes (BTEX) using United States Environmental Protection Agency (USEPA) Method SW-846 8260B.

Prior to obtaining groundwater samples, synoptic water levels and total well depths were measured and recorded on a site-specific groundwater level measurement sheet. General sampling protocols were in accordance with FDEP Standard Operating Procedures (SOPs) and TtNUS SOP SA-1.1.

RESULTS

The groundwater elevations in the monitoring wells ranged from 65.30 to 66.54 feet above mean sea level. The depth-to-water measurements, along with top of casing elevations, were used to calculate groundwater elevations. Table 1 provides the groundwater elevation data. Figure 2 shows the direction of groundwater flow to the southeast in the intermediate zone.

The analytical results for this event are summarized in Table 2, and the laboratory report is provided as Attachment B. Figure 3 presents the analytical results for this event. The results indicate that the Natural Attenuation Default Source Concentrations (NADSCs) for benzene and total xylenes, as defined by the FDEP Monitoring Plan Order, were not exceeded in the groundwater samples from this event. Table 2 indicates that the Groundwater Cleanup Target Level (GCTL) for benzene was exceeded in CEF-M18-04I and CEF-M18-09I. No other analytes were detected during this sampling event.

A comparison of these results to the November 2006 results shows that benzene concentrations have decreased in both CEF-M18-04I and in CEF-M18-09I. No COCs were detected in intermediate perimeter well CEF-M18-05I or deep well CEF-M18-12D during this sampling event.

CONCLUSIONS AND RECOMMENDATIONS

During the February 2007 sampling event, benzene concentrations were observed to have decreased at CEF-M18-04I and CEF-M18-09I since the November, 2006 sampling event. No COCs were detected in the perimeter well CEF-M18-5I or deep well CEF-M18-12D.

TtNUS recommends continuing the quarterly groundwater monitoring program in accordance with the NAMP. The 4th Quarter, 2nd Year sampling event is scheduled for May 2007. Groundwater samples will be collected from CEF-MW-04I, CEF-MW-05I, CEF-MW-09I, and CEF-MW-12D and analyzed for BTEX compounds using USEPA Method SW-846 8260B. A 4th Quarter, 2nd Year Groundwater Monitoring Report will be prepared when the results from the sampling event have been received and evaluated.

If you have any questions with regard to this submittal, please do not hesitate to contact Mark Peterson at (904) 730-4669, extension 213, or by email at Mark.Peterson@ttnus.com.

Sincerely,

Mark Peterson, P.G.
Florida Professional Geologist
PG Number 1917

Kara F. Wimble
Project Scientist

Enclosures (7)

c: Mark Davidson, NAVFAC SE (CD only)
M. Halil, CH2M Hill (CD only)
M. Perry, TtNUS (unbound and CD)
D. Humbert, TtNUS (letter only)
M. Speranza, TtNUS (letter only)
M. Jonnet, TtNUS (Cecil DMS) (CD)
J. Logan, TtNUS
R. Simcik, TtNUS (Bookcase File)
J. Johnson, TtNUS (Information Repository) (CD)
CTO 0025 Project File

CERTIFICATION

The information contained herein is based on the geologic investigation and associated information detailed in the text and appended to this report. If conditions are determined to exist that differ from those described, the undersigned geologist should be notified to evaluate the effects of any additional information on the information described in this report. This Quarterly Groundwater Monitoring Report, 3rd Quarter, 2nd Year – February 2007 was developed for the North-South Apron Plume at Naval Air Station Cecil Field and should not be construed to apply to any other site.

_____
April 26, 2007
Mark A. Peterson, P.G.
Florida License Number PG-0001852

TABLES

Table 1
Groundwater Elevation Data

Quarterly Monitoring Report
North-South Apron Plume
Naval Air Station Cecil Field
Jacksonville, Florida

Monitoring Well Identification	Well Depth (feet btoc)	TOC Elevation (feet above msl)	November 6, 2001		February 14, 2002		October 23, 2002		February 23, 2005		July 6, 2006		November 22, 2006		February 2, 2007	
			Depth to Water (feet btoc)	Water-Level Elevation (feet above msl)	Depth to Water (feet btoc)	Water-Level Elevation (feet above msl)	Depth to Water (feet btoc)	Water-Level Elevation (feet above msl)	Depth to Water (feet btoc)	Water-Level Elevation (feet above msl)	Depth to Water (feet btoc)	Water-Level Elevation (feet above msl)	Depth to Water (feet btoc)	Water-Level Elevation (feet above msl)	Depth to Water (feet btoc)	Water-Level Elevation (feet above msl)
CEF-M18-01S	15	75.89	6.28	69.61	6.25	69.64	NM	NM	7.17	68.72	NM	NM	NM	NM	NM	NM
CEF-M18-02S	15	76.02	7.61	68.41	7.41	68.61	7.37	68.65	7.97	68.05	NM	NM	NM	NM	NM	NM
CEF-M18-02I	35	75.78	7.39	68.39	7.21	68.57	7.14	68.64	7.79	67.99	NM	NM	NM	NM	NM	NM
CEF-M18-03I	35	75.13	6.75	68.38	6.56	68.57	6.48	68.65	7.24	67.89	NM	NM	NM	NM	NM	NM
CEF-M18-04I	35	74.66	7.20	67.46	6.91	67.75	6.87	67.79	7.71	66.95	8.01	66.65	8.98	65.68	8.58	66.08
CEF-M18-05I	35	73.42	6.83	66.59	6.47	66.95	6.47	66.95	7.35	66.07	7.59	65.83	8.64	64.78	8.12	65.30
CEF-M18-06I	35	76.11	NE	NE	NE	NE	7.55	68.56	8.18	67.93	NM	NM	NM	NM	NM	NM
CEF-M18-07I	35	76.26	NE	NE	NE	NE	7.45	68.81	8.14	68.12	NM	NM	NM	NM	NM	NM
CEF-M18-08I	35	75.54	NE	NE	NE	NE	6.80	68.74	7.49	68.05	NM	NM	NM	NM	NM	NM
CEF-M18-09I	35	74.32	NE	NE	NE	NE	6.17	68.15	6.98	67.34	7.32	67.00	8.25	66.07	7.83	66.49
CEF-M18-10I	35	74.98	NE	NE	NE	NE	NM	NM	8.33	66.65	NM	NM	NM	NM	NM	NM
CEF-M18-11D	55	75.80	NE	NE	NE	NE	NE	NE	7.74	68.06	NM	NM	NM	NM	NM	NM
CEF-M18-12D	55	74.14	NE	NE	NE	NE	NE	NE	6.70	67.44	7.03	67.11	7.99	66.15	7.60	66.54

Notes:
First quarter (May 2001) data were not included.
The TOC elevation of CEF-M18-2I has been corrected.

NE = Well was installed after the date of measurement.
NM = not measured
btoc = below top of casing

TOC = top of casing
msl = mean sea level

Table 2
Summary of BTEX Detections in Groundwater

Quarterly Monitoring Report
North-South Apron Plume
Naval Air Station Cecil Field
Jacksonville, Florida

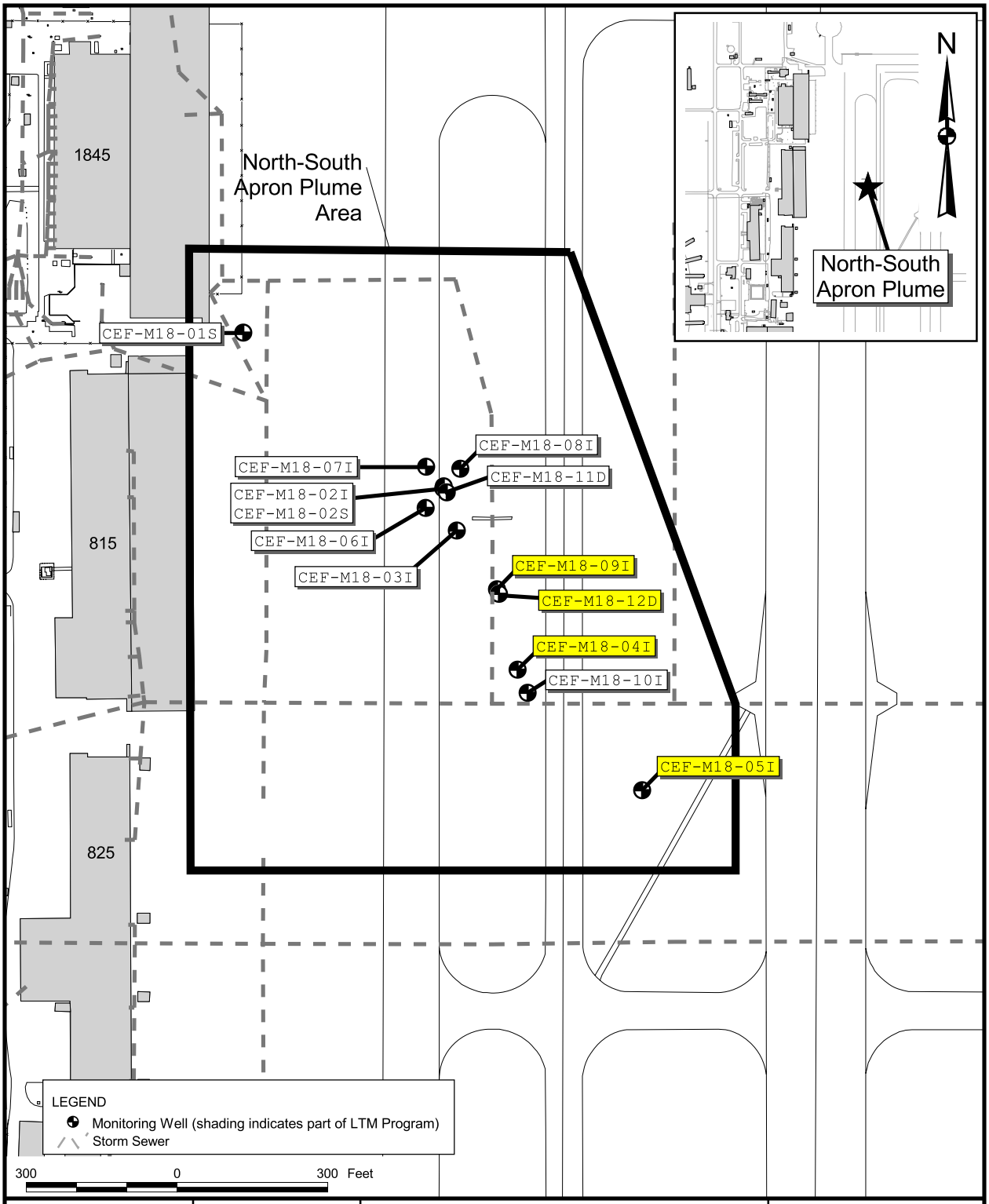
Parameter	GCTL	NADSC	CEF-M18-04I											
			03/28/00	03/28/00	09/14/00	05/02/01	08/07/01	08/07/01	11/06/01	02/14/02	3/1/2005	7/7/2006	11/22/2006	2/2/2007
VOCs (µg/L)														
Benzene	1	100	1.0 U	1.0 U	**7.7**	**8.0**	**8.7**	**8.7**	**8.8**	**9.1**	**13.1**	**13.3**	**11**	**9.64**
Toluene	40	400	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	0.5 U	0.3 U	0.2 U
Ethylbenzene	30	300	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	0.5 U	0.2 U	0.3 U
Xylenes, total	20	200	3.0 U	3.0 U	6.0 U	6.0 U	6.0 U	6.0 U	6.0 U	6.0 U	1.0 U	1 U	0.3 U	0.3 U

Parameter	GCTL	NADSC	CEF-M18-05I									
			11/30/00		05/02/01	08/07/01	11/06/01	02/14/02	03/01/05	7/7/2006	11/22/2006	2/2/2007
			Sample	Duplicate								
VOCs (µg/L)												
Benzene	1	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	0.5 U	0.2 U	0.2 U
Toluene	40	400	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	0.5 U	0.3 U	0.2 U
Ethylbenzene	30	300	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	0.50 U	0.5 U	0.2 U	0.3 U
Xylenes, total	20	200	6.0 U	6.0 U	6.0 U	6.0 U	6.0 U	6.0 U	1.0 U	1 U	0.3 U	0.3 U

Parameter	GCTL	NADSC	CEF-M18-09I						CEF-M18-12D						
			10/23/02	02/28/05	7/6/2006		11/22/2006	2/2/2007	07/11/03		02/28/05	7/6/2006	11/22/2006		2/2/2007
					Sample	Duplicate			Sample	Duplicate			Sample	Duplicate	
VOCs (µg/L)															
Benzene	1	100	**14.5**	**16.0**	**3.5**	**3.5**	**1.4**	**1.28**	**1.2**	**1.1**	0.55	0.5 U	0.4 I	0.4 I	0.33 I
Toluene	40	400	1.0 U	0.50 U	0.5 U	0.5 U	0.3 U	0.2 U	1.0 U	1.0 U	0.50 U	0.5 U	0.3 U	0.3 U	0.2 U
Ethylbenzene	30	300	1.0 U	0.50 U	0.5 U	0.5 U	0.2 U	0.3 U	1.0 U	1.0 U	0.50 U	0.5 U	0.2 U	0.2 U	0.3 U
Xylenes, total	20	200	3.0 U	1.0 U	1 U	1 U	0.3 U	0.3 U	3.0 U	3.0 U	1.0 U	1 U	0.3 U	0.3 U	0.3 U

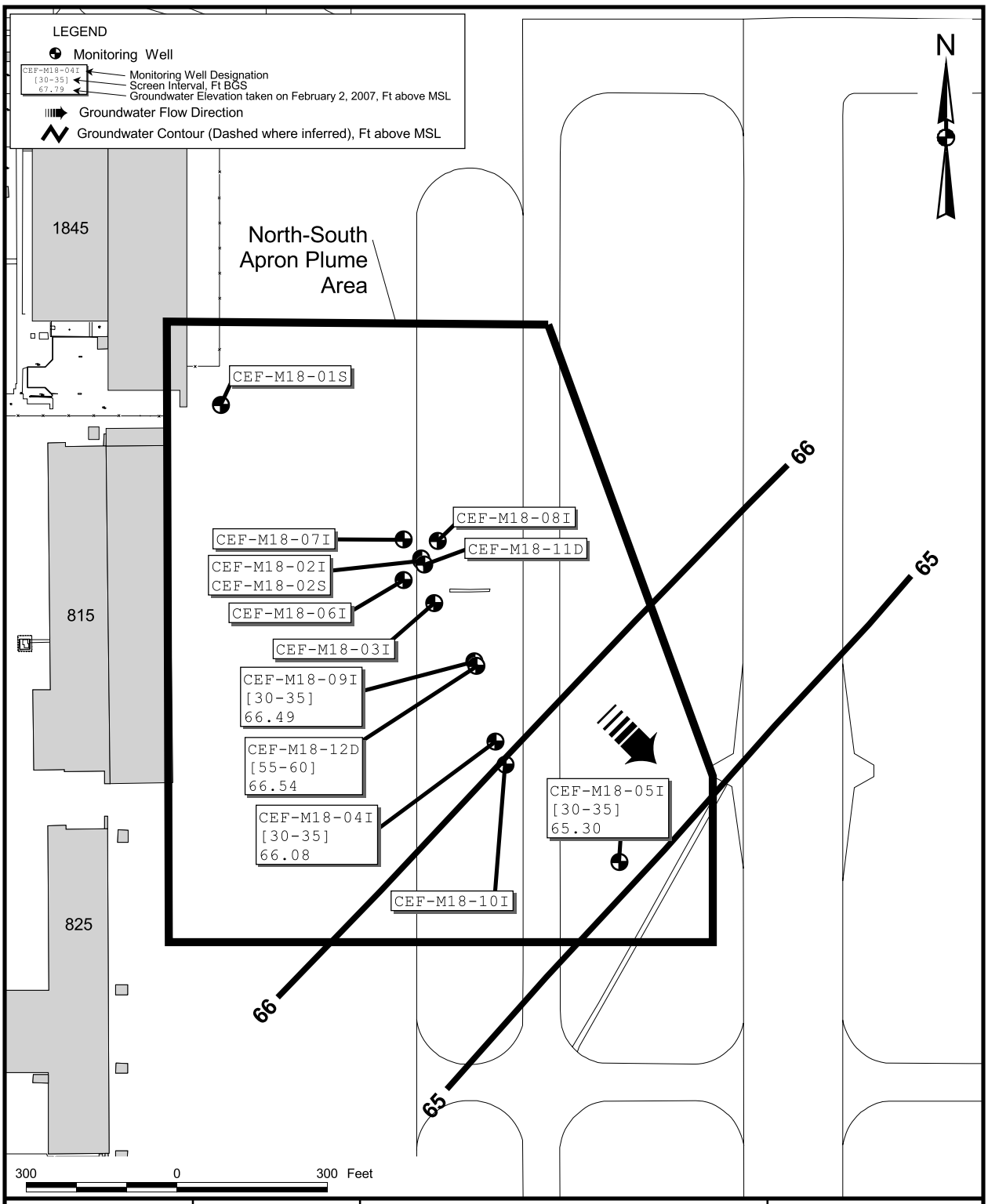
Notes:
FDEP GCTLs taken from Chapter 62-777, F.A.C.
NADSC taken from Chapter 62-777, FAC.
Bold indicates concentration greater than FDEP GCTL.
U = not detected at detection limit shown
I = instrument detection limit
VOCs = volatile organic compounds
µg/L = micrograms per liter

FIGURES



DRAWN BY MJJ	DATE 30Mar05	MONITORING WELL LOCATION MAP NORTH-SOUTH APRON PLUME QUARTERLY MONITORING REPORT NAVAL AIR STATION CECIL FIELD JACKSONVILLE, FLORIDA	CONTRACT NUMBER 0378
CHECKED BY	DATE		APPROVED BY DATE
COST/SCHEDULE-AREA			APPROVED BY DATE
SCALE AS NOTED			DRAWING NO. FIGURE 1 / REV 0

P:\GIS\NAS_CecilField\NorthSouthPlume10.apr 25Apr07 MJJ 01-Layout



DRAWN BY MJJ	DATE 02Jan07	GROUNDWATER FLOW MAP (FEBRUARY 2007) NORTH-SOUTH APRON PLUME QUARTERLY MONITORING REPORT NAVAL AIR STATION CECIL FIELD JACKSONVILLE, FLORIDA	CONTRACT NUMBER 4248
CHECKED BY	DATE		APPROVED BY DATE
COST/SCHEDULE-AREA			APPROVED BY DATE
SCALE AS NOTED			DRAWING NO. FIGURE 2 / REV 0

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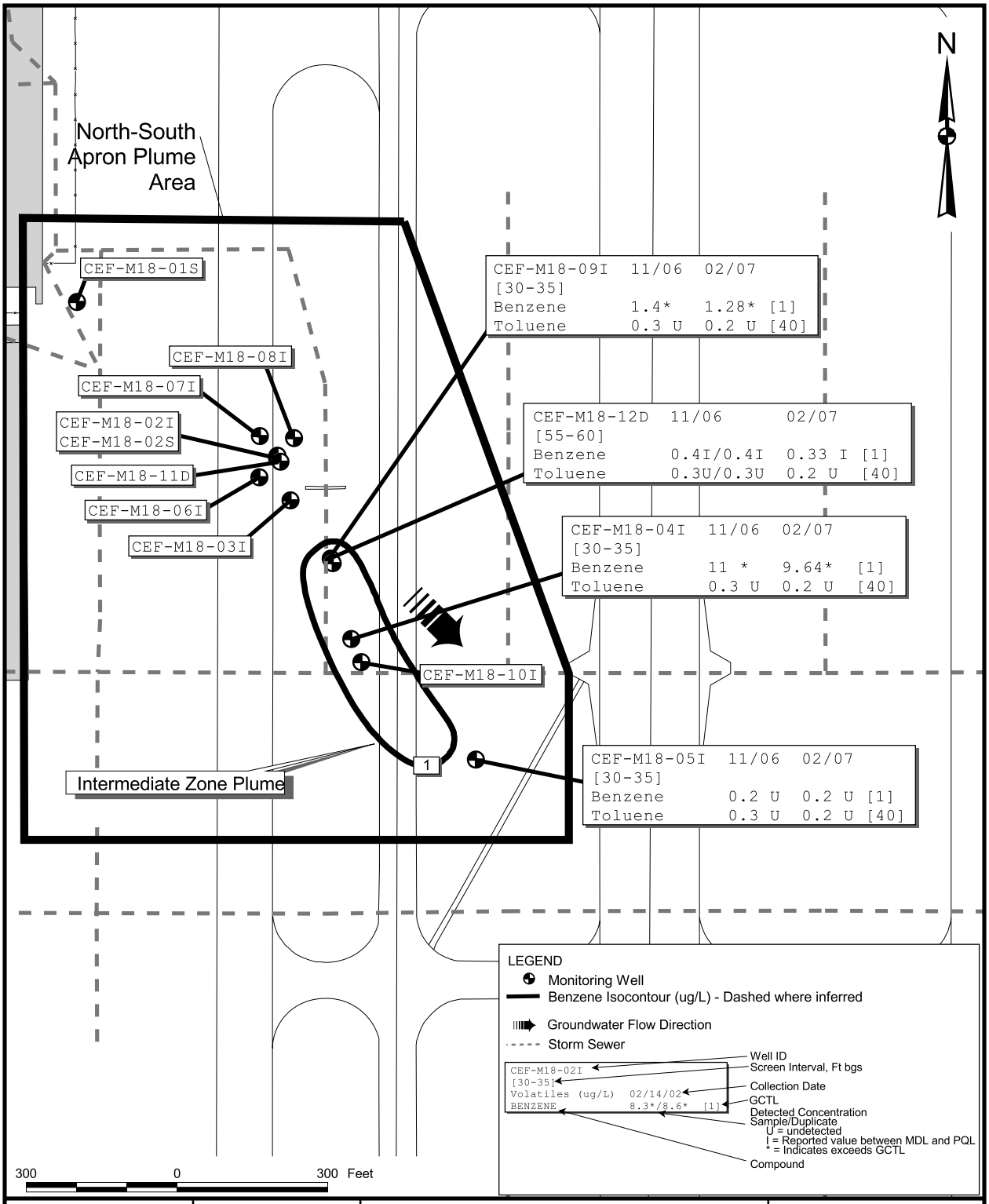

DRAWN BY	DATE			CONTRACT NUMBER
MJJ	02Jan07	GROUNDWATER RESULTS		4248
CHECKED BY	DATE	NORTH-SOUTH APRON PLUME		APPROVED BY DATE
COST/SCHEDULE-AREA		QUARTERLY MONITORING REPORT		APPROVED BY DATE
SCALE		NAVAL AIR STATION CECIL FIELD		DRAWING NO. FIGURE 3 / REV 0
AS NOTED		JACKSONVILLE, FLORIDA		

P:\GIS\NAS_CecilField\NorthSouthPlume09.apr 13Apr07 MJJ 05-Layout

ATTACHMENT A

NATURAL ATTENUATION MONITORING PLAN APPROVAL ORDER

Department of Environmental Protection

Jeb Bush
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Colleen M. Castille
Secretary

October 21, 2005

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Commanding Officer
Attn: Mr. Gabe Magwood
Code ES24 (UST RPM)
Southern Division
Naval Facilities Engineering Command
P.O. Box 190010
North Charleston, South Carolina 29419-9010

Subject: Natural Attenuation Monitoring Plan Approval Order
North-South Apron Plume
Naval Air Station Cecil Field
Jacksonville, Duval County

Dear Mr. Magwood:

The Bureau of Waste Cleanup has reviewed the Supplemental Site Assessment Letter Report II and Natural Attenuation Monitoring Plan dated August 3, 2005 (received August 5, 2005), prepared and submitted by Tetra Tech NUS, Inc. for the petroleum product discharge discovered at this site. Pursuant to paragraph 62-770.690(5)(a), Florida Administrative Code (F.A.C.), the Florida Department of Environmental Protection (Department) approves the Natural Attenuation Monitoring Plan. Pursuant to rule 62-770.690(8), F.A.C., you are required to complete the monitoring program outlined below. The first sampling event must be performed within 60 days of receipt of this Natural Attenuation Monitoring Plan Approval Order (Order). Water-level measurements must be made immediately prior to each sampling event. The analytical results (laboratory report), chain of custody record form, cumulative summary tables as required by subparagraph 62-770.600(8)(a)25., F.A.C. (updated as applicable), site map(s) that illustrate the most recent analytical results, and the water-level elevation information (cumulative summary table and most recent flow interpretation map), must be submitted to the Department within 60 days of sample collection.

The monitoring wells to be sampled, the sampling parameters, and the sampling frequency for the first year are as follows:

Monitoring Wells	Contaminants of Concern	Frequency	Duration
CEF-M18-04I; CEF-M18-09I; CEF-M18-12D; and CEF-M18-05I	BTEX	Quarterly	One year

The approved Remedial Action by Natural Attenuation monitoring period is five years. The sampling frequency will be evaluated following the submittal of the first annual report to determine whether semiannual or annual sampling may be appropriate.

If concentrations of contaminants of concern in any of the designated wells increase above the action levels listed below, the well or wells must be resampled no later than 30 days after the initial positive results are known. If the results of the resampling confirm the initial sampling results, then the monitoring report referenced in paragraph 62-770.690(8)(d), F.A.C., must be signed and sealed by an appropriate registered professional pursuant to rule 62-770.490, F.A.C., and must include a proposal as described in paragraph 62-770.690(8)(e), F.A.C.

Contaminated well[s]:
CEF-M18-04I and CEF-M18-09I: 100 µg/L Benzene
Perimeter well[s] (temporary point[s] of compliance):
CEF-M18-12D and CEF-M18-05I: 1 µg/L Benzene

If the applicable No Further Action criteria of rule 62-770.680, F.A.C., are met for two consecutive sampling events, a Site Rehabilitation Completion Report with a No Further Action Proposal, that summarizes the monitoring program and contains documentation to support the opinion that the cleanup objectives have been achieved, must be submitted as required in subsection 62-770.690(10), F.A.C. If the applicable No Further Action criteria of rule 62-770.680, F.A.C., are not met following five years of monitoring, then the monitoring report must include a proposal as described in subsection 62-770.690(8)(f), F.A.C.

Legal Issues

The Department's Order shall become final unless a timely petition for an administrative hearing is filed under sections 120.569 and 120.57, Florida Statutes (F.S.), within 21 days of receipt of this Order. The procedures for petitioning for an administrative hearing are set forth below.

Persons affected by this Order have the following options:

(A) If you choose to accept the Department's decision regarding the Supplemental Site Assessment Letter Report II and Natural Attenuation

Monitoring Plan you do not have to do anything. This Order is final and effective as of the date on the top of the first page of this Order.

(B) If you choose to challenge the decision, you may do the following:

(1) File a request for an extension of time to file a petition for an administrative hearing with the Department's Agency Clerk in the Office of General Counsel within 21 days of receipt of this Order; such a request should be made if you wish to meet with the Department in an attempt to informally resolve any disputes without first filing a petition for an administrative hearing; or

(2) File a petition for an administrative hearing with the Department's Agency Clerk in the Office of General Counsel within 21 days of receipt of this Order.

Please be advised that mediation of this decision pursuant to section 120.573, F.S., is not available.

How to Request an Extension of Time to File a Petition for an Administrative Hearing

For good cause shown, pursuant to subsection 62-110.106(4), F.A.C., the Department may grant a request for an extension of time to file a petition for an administrative hearing. Such a request must be filed (received) by the Department's Agency Clerk in the Office of General Counsel at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000, within 21 days of receipt of this Order. Petitioner, if different from Southern Division Naval Facilities Engineering Command, shall mail a copy of the request to Southern Division Naval Facilities Engineering Command at the time of filing. Timely filing a request for an extension of time tolls the time period within which a petition for an administrative hearing must be made.

How to File a Petition for an Administrative Hearing

A person whose substantial interests are affected by this Order may petition for an administrative hearing under sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) by the Department's Agency Clerk in the Office of General Counsel at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000, within 21 days of receipt of this Order. Petitioner, if different from Southern Division Naval Facilities Engineering Command, shall mail a copy of the petition to Southern Division Naval Facilities Engineering Command at the time of filing. Failure to file a petition within this time period shall waive the right of anyone who may request an administrative hearing under sections 120.569 and 120.57, F.S.

Pursuant to subsection 120.569(2), F.S. and rule 28-106.201, F.A.C., a petition for an administrative hearing shall contain the following information:

(a) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any; the facility owner's name and address, if different from the petitioner; the FDEP facility number, and the name and address of the facility;
(b) A statement of when and how each petitioner received notice of the Department's action or proposed action;
(c) An explanation of how each petitioner's substantial interests are or will be affected by the Department's action or proposed action;
(d) A statement of the disputed issues of material fact, or a statement that there are no disputed facts;
(e) A statement of the ultimate facts alleged, including a statement of the specific facts the petitioner contends warrant reversal or modification of the Department's action or proposed action;
(f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the Department's action or proposed action; and
(g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Department's action or proposed action.

This Order is final and effective as of the date on the top of the first page of this Order. Timely filing a petition for an administrative hearing postpones the date this Order takes effect until the Department issues either a final order pursuant to an administrative hearing or an Order Responding to Supplemental Information provided to the Department pursuant to meetings with the Department.

Judicial Review

Any party to this Order has the right to seek judicial review of it under section 120.68, F.S., by filing a notice of appeal under rule 9.110 of the Florida Rules of Appellate Procedure with the Department's Agency Clerk in the Office of General Counsel at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within 30 days after this Order is filed with the Department's clerk (see below).

Questions

Any questions regarding the Department's review of your Supplemental Site Assessment Letter Report II and Natural Attenuation Monitoring Plan should be directed to David P. Grabka at (850) 245-8997. Questions regarding legal issues should be referred to the Department's Office of General Counsel at (850) 245-2242. Contact with any of the above does not constitute a petition for administrative hearing or request for an extension of time to file a petition for administrative hearing.

Sincerely,

Douglas A. Jones, Chief
Bureau of Waste Cleanup
Division of Waste Management

DAJ/dpg

cc: David P. Grabka, FDEP – BWC
File

FILING AND ACKNOWLEDGMENT
FILED, on this date, pursuant to §120.52 Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

_____ _____
Clerk (or Deputy Clerk) Date

ATTACHMENT B

GROUNDWATER ANALYTICAL REPORT

Table of Contents

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CASE NARRATIVE

Tetra Tech NUS, Inc/NS Apron CTO 0025

Project Manger Mark Peterson

SDG BR006-016

Lab Sample ID	Client Sample ID
B700757-01	CEF-M18-09I-20070202
B700757-02	CEF-M18-12D-20070202
B700757-03	CEF-M18-04I-20070202
B700757-04	CEF-M18-05I-20070202
B700757-05	CEF-M18-EB01-20070202
B700757-06	CEF-M18-DUP01-20070202

Volatiles

Method: The samples were analyzed by USEPA Method 8260B (VOA vial field sampling followed by purge and trap then capillary column GC/MS). Waters were received into the laboratory in satisfactory condition.
Comments: The volatile analyses for these samples were completed within sample holding times and met the corresponding specifications with the following note/exceptions:

- Due to insufficient sample, the Matrix Spike and Matrix Spike Duplicate were performed on an alternative sample (B701389) not related to this project.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Released By:

Environmental Conservation Laboratories, Inc.

Christina M. Tompkins
Project Manager

B00757

TETRA TECH NUS, INC. CHAIN OF CUSTODY NUMBER 2567 PAGE 1 OF 1

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
112G00378	N-S APRON	MARK PETERSON	(904)636-6125	ENCO
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
Terry Cottenoir		TERRY COTTENOIR	(904)636-6125	4810 EXECUTIVE PARK CT, STE 211
		CARRIER/WAYBILL NUMBER		CITY, STATE
		DROP OFF		JACKSONVILLE, FL

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G): G
PRESERVATIVE USED: HCL
TYPE OF ANALYSIS: BTEX / 8260B

DATE YEAR 2007	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	BTEX / 8260B	COMMENTS
2/2	1042	CEF-M18-09I-20070202				GW	G	3	X	COOL TO 4°C
	1117	CEF-M18-12D-20070202						3	X	
	1215	CEF-M18-04I-20070202						3	X	
	1254	CEF-M18-05I-20070202						3	X	PROJECT:
	1300	CEF-M18-EB01-20070202				QC		3	X	CTO #0025
	0000	CEF-M18-DUP01-20070202				GW		3	X	QUARTERLY
	0000	CEF-M18-TRIPBLANK				QC		3	X	

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY Terry Cottenoir	2/2/07	1415	1. RECEIVED BY		
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY 2/2/07	1415	

COMMENTS

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4/02R
FORM NO. TtNUS-001

ENCO Jacksonville

SDG: BR006-016

CLASS: GCMS

METHOD: EPA 8260B

ANALYSES DATA PACKAGE COVER PAGE

EPA 8260B

Laboratory: ENCO Jacksonville

SDG: BR006-016

Client: Tetra Tech NUS (BR006)

Project: CTO #0025 Quarterly

Client Sample Id:	Lab Sample Id:
CEF-M18-09I-20070202	B700757-01
CEF-M18-12D-20070202	B700757-02
CEF-M18-04I-20070202	B700757-03
CEF-M18-05I-20070202	B700757-04
CEF-M18-EB01-20070202	B700757-05
CEF-M18-DUP01-20070202	B700757-06
CEF-M18-TRIP BLANK	B700757-07

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature: _____

Name: Christina M. Tompkins

Date: 3/5/07

Title: Project Manager

METHOD DETECTION AND REPORTING LIMITS

EPA 8260B

Laboratory: ENCO Jacksonville **SDG:** BR006-016

Client: Tetra Tech NUS (BR006) **Project:** CTO #0025 Quarterly

Matrix: Water **Instrument:** JVGCMS1

Analyte	MDL	MRL	Units
Benzene	0.200	1	ug/L
Toluene	0.200	1	ug/L
Ethylbenzene	0.300	1	ug/L
m,p-Xylenes	0.300	2	ug/L
o-Xylene	0.200	1	ug/L
Xylenes (Total)	0.300	1	ug/L

PREPARATION BATCH SUMMARY

EPA 8260B

Laboratory: ENCO Jacksonville SDG: BR006-016

Client: Tetra Tech NUS (BR006) Project: CTO #0025_Quarterly

Batch: 7B15023 Batch Matrix: Water Preparation: EPA 5030B_MS

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
Blank	7B15023-BLK1	7BI004.D	02/14/07 09:00	
LCS	7B15023-BS1	7BI005.D	02/14/07 09:00	
MW-1	7B15023-MS1	7BI007.D	02/14/07 09:00	
MW-1	7B15023-MSD1	7BI008.D	02/14/07 09:00	
CEF-M18-09I-20070202	B700757-01	7BI019.D	02/14/07 09:00	
CEF-M18-12D-20070202	B700757-02	7BI020.D	02/14/07 09:00	
CEF-M18-04I-20070202	B700757-03	7BI021.D	02/14/07 09:00	
CEF-M18-05I-20070202	B700757-04	7BI022.D	02/14/07 09:00	
CEF-M18-EB01-20070202	B700757-05	7BI018.D	02/14/07 09:00	
CEF-M18-DUP01-20070202	B700757-06	7BI023.D	02/14/07 09:00	
CEF-M18-TRIP BLANK	B700757-07	7BI017.D	02/14/07 09:00	

ANALYSIS BATCH (SEQUENCE) SUMMARY
EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-016
Client:	Tetra Tech NUS (BR006)	Project:	CTO #0025 Quarterly
Sequence:	BA00322	Instrument:	JVGCMS1
Matrix:	Water	Calibration:	0702014

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	BA00322-TUN1	7BI001.D	02/14/07 17:03
Calibration Check	BA00322-CCV1	7BI002.D	02/14/07 17:35
Blank	7B15023-BLK1	7BI004.D	02/14/07 18:41
LCS	7B15023-BS1	7BI005.D	02/14/07 19:14
MW-1	7B15023-MS1	7BI007.D	02/14/07 20:19
MW-1	7B15023-MSD1	7BI008.D	02/14/07 20:52
CEF-M18-TRIP BLANK	B700757-07	7BI017.D	02/15/07 01:47
CEF-M18-EB01-20070202	B700757-05	7BI018.D	02/15/07 02:20
CEF-M18-09I-20070202	B700757-01	7BI019.D	02/15/07 02:52
CEF-M18-12D-20070202	B700757-02	7BI020.D	02/15/07 03:25
CEF-M18-04I-20070202	B700757-03	7BI021.D	02/15/07 03:58
CEF-M18-05I-20070202	B700757-04	7BI022.D	02/15/07 04:31
CEF-M18-DUP01-20070202	B700757-06	7BI023.D	02/15/07 05:04

HOLDING TIME SUMMARY
EPA 8260B

Laboratory: ENCO Jacksonville SDG: BR006-016

Client: Tetra Tech NUS (BR006) Project: CTO #0025 Quarterly

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	O
CEF-M18-09I-20070202	02/02/07 10:42	02/02/07 14:15	02/14/07 09:00	11.93	NA	02/15/07 02:52	13.00	14.00	
CEF-M18-12D-20070202	02/02/07 11:17	02/02/07 14:15	02/14/07 09:00	11.90	NA	02/15/07 03:25	13.00	14.00	
CEF-M18-04I-20070202	02/02/07 12:15	02/02/07 14:15	02/14/07 09:00	11.86	NA	02/15/07 03:58	13.00	14.00	
CEF-M18-05I-20070202	02/02/07 12:54	02/02/07 14:15	02/14/07 09:00	11.84	NA	02/15/07 04:31	13.00	14.00	
CEF-M18-EB01-20070202	02/02/07 13:00	02/02/07 14:15	02/14/07 09:00	11.83	NA	02/15/07 02:20	13.00	14.00	
CEF-M18-DUP01-20070202	02/02/07 00:00	02/02/07 14:15	02/14/07 09:00	12.38	NA	02/15/07 05:04	13.00	14.00	
CEF-M18-TRIP BLANK	02/02/07 00:00	02/02/07 14:15	02/14/07 09:00	12.38	NA	02/15/07 01:47	13.00	14.00	

ORGANIC ANALYSIS DATA SHEET

EPA 8260B

CEF-M18-09I-20070202

Laboratory:	ENCO Jacksonville			SDG:	BR006-016
Client:	Tetra Tech NUS (BR006)			Project:	CTO #0025 Quarterly
Matrix:	Ground Water	Laboratory ID:	B700757-01	File ID:	7BI019.D
Sampled:	02/02/07 10:42	Prepared:	02/14/07 09:00	Analyzed:	02/15/07 02:52
Solids:		Preparation:	EPA 5030B MS	Initial/Final:	5 mL / 5 mL

Batch: 7B15023 Sequence: BA00322 Calibration: 0702014 Instrument: JVGCMS1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-43-2	Benzene	1	1.28	
108-88-3	Toluene	1	0.20	U
100-41-4	Ethylbenzene	1	0.30	U
NA	Xylenes (Total)	1	0.30	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	50.0	49.5	99	85 - 115	
Toluene-d8	50.0	49.3	99	85 - 120	
4-Bromofluorobenzene	50.0	50.6	101	75 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Pentafluorobenzene	1602540	11.23	1705540	11.24	
1,4-Difluorobenzene	3356338	11.88	3706296	11.88	
Chlorobenzene-d5	3318973	15.06	3680144	15.06	
1,4-Dichlorobenzene-d4	1514528	17.25	1708562	17.26	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8260B

CEF-M18-12D-20070202

Laboratory:	ENCO Jacksonville			SDG:	BR006-016
Client:	Tetra Tech NUS (BR006)			Project:	CTO #0025 Quarterly
Matrix:	Ground Water	Laboratory ID:	B700757-02	File ID:	7BI020.D
Sampled:	02/02/07 11:17	Prepared:	02/14/07 09:00	Analyzed:	02/15/07 03:25
Solids:		Preparation:	EPA 5030B MS	Initial/Final:	5 mL / 5 mL

Batch: 7B15023 Sequence: BA00322 Calibration: 0702014 Instrument: JVGCMS1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-43-2	Benzene	1	0.33	I
108-88-3	Toluene	1	0.20	U
100-41-4	Ethylbenzene	1	0.30	U
NA	Xylenes (Total)	1	0.30	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	50.0	50.7	101	85 - 115	
Toluene-d8	50.0	49.0	98	85 - 120	
4-Bromofluorobenzene	50.0	50.2	100	75 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Pentafluorobenzene	1541177	11.22	1705540	11.24	
1,4-Difluorobenzene	3351044	11.87	3706296	11.88	
Chlorobenzene-d5	3287692	15.06	3680144	15.06	
1,4-Dichlorobenzene-d4	1473209	17.25	1708562	17.26	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8260B

CEF-M18-04I-20070202

Laboratory:	ENCO Jacksonville			SDG:	BR006-016
Client:	Tetra Tech NUS (BR006)			Project:	CTO #0025 Quarterly
Matrix:	Ground Water	Laboratory ID:	B700757-03	File ID:	7BI021.D
Sampled:	02/02/07 12:15	Prepared:	02/14/07 09:00	Analyzed:	02/15/07 03:58
Solids:		Preparation:	EPA 5030B MS	Initial/Final:	5 mL / 5 mL

Batch: 7B15023 Sequence: BA00322 Calibration: 0702014 Instrument: JVGCMS1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-43-2	Benzene	1	9.64	
108-88-3	Toluene	1	0.20	U
100-41-4	Ethylbenzene	1	0.30	U
NA	Xylenes (Total)	1	0.30	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	50.0	49.6	99	85 - 115	
Toluene-d8	50.0	49.2	98	85 - 120	
4-Bromofluorobenzene	50.0	50.4	101	75 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Pentafluorobenzene	1590681	11.22	1705540	11.24	
1,4-Difluorobenzene	3349282	11.87	3706296	11.88	
Chlorobenzene-d5	3246153	15.06	3680144	15.06	
1,4-Dichlorobenzene-d4	1474685	17.25	1708562	17.26	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8260B

CEF-M18-05I-20070202

Laboratory:	ENCO Jacksonville			SDG:	BR006-016
Client:	Tetra Tech NUS (BR006)			Project:	CTO #0025 Quarterly
Matrix:	Ground Water	Laboratory ID:	B700757-04	File ID:	7BI022.D
Sampled:	02/02/07 12:54	Prepared:	02/14/07 09:00	Analyzed:	02/15/07 04:31
Solids:		Preparation:	EPA 5030B MS	Initial/Final:	5 mL / 5 mL

Batch: 7B15023 Sequence: BA00322 Calibration: 0702014 Instrument: JVGCMS1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-43-2	Benzene	1	0.20	U
108-88-3	Toluene	1	0.20	U
100-41-4	Ethylbenzene	1	0.30	U
NA	Xylenes (Total)	1	0.30	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	50.0	48.8	98	85 - 115	
Toluene-d8	50.0	50.3	101	85 - 120	
4-Bromofluorobenzene	50.0	50.5	101	75 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Pentafluorobenzene	1602596	11.22	1705540	11.24	
1,4-Difluorobenzene	3312117	11.87	3706296	11.88	
Chlorobenzene-d5	3293013	15.06	3680144	15.06	
1,4-Dichlorobenzene-d4	1488319	17.25	1708562	17.26	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8260B

CEF-M18-EB01-20070202

Laboratory:	ENCO Jacksonville			SDG:	BR006-016
Client:	Tetra Tech NUS (BR006)			Project:	CTO #0025 Quarterly
Matrix:	Ground Water	Laboratory ID:	B700757-05	File ID:	7BI018.D
Sampled:	02/02/07 13:00	Prepared:	02/14/07 09:00	Analyzed:	02/15/07 02:20
Solids:		Preparation:	EPA 5030B MS	Initial/Final:	5 mL / 5 mL

Batch: 7B15023 Sequence: BA00322 Calibration: 0702014 Instrument: JVGCMS1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-43-2	Benzene	1	0.20	U
108-88-3	Toluene	1	0.24	I
100-41-4	Ethylbenzene	1	0.30	U
NA	Xylenes (Total)	1	0.30	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	50.0	49.1	98	85 - 115	
Toluene-d8	50.0	49.0	98	85 - 120	
4-Bromofluorobenzene	50.0	50.5	101	75 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Pentafluorobenzene	1610635	11.23	1705540	11.24	
1,4-Difluorobenzene	3384372	11.88	3706296	11.88	
Chlorobenzene-d5	3276087	15.06	3680144	15.06	
1,4-Dichlorobenzene-d4	1484177	17.25	1708562	17.26	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8260B

CEF-M18-DUP01-20070202

Laboratory:	ENCO Jacksonville			SDG:	BR006-016
Client:	Tetra Tech NUS (BR006)			Project:	CTO #0025 Quarterly
Matrix:	Ground Water	Laboratory ID:	B700757-06	File ID:	7BI023.D
Sampled:	02/02/07 00:00	Prepared:	02/14/07 09:00	Analyzed:	02/15/07 05:04
Solids:		Preparation:	EPA 5030B MS	Initial/Final:	5 mL / 5 mL

Batch: 7B15023 Sequence: BA00322 Calibration: 0702014 Instrument: JVGCMS1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-43-2	Benzene	1	1.25	
108-88-3	Toluene	1	0.20	U
100-41-4	Ethylbenzene	1	0.30	U
NA	Xylenes (Total)	1	0.30	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	50.0	49.3	99	85 - 115	
Toluene-d8	50.0	49.0	98	85 - 120	
4-Bromofluorobenzene	50.0	50.8	102	75 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Pentafluorobenzene	1566045	11.22	1705540	11.24	
1,4-Difluorobenzene	3282205	11.87	3706296	11.88	
Chlorobenzene-d5	3229557	15.06	3680144	15.06	
1,4-Dichlorobenzene-d4	1474268	17.25	1708562	17.26	

* Values outside of QC limits

ORGANIC ANALYSIS DATA SHEET

EPA 8260B

CEF-M18-TRIP BLANK

Laboratory:	ENCO Jacksonville			SDG:	BR006-016
Client:	Tetra Tech NUS (BR006)			Project:	CTO #0025 Quarterly
Matrix:	Ground Water	Laboratory ID:	B700757-07	File ID:	7BI017.D
Sampled:	02/02/07 00:00	Prepared:	02/14/07 09:00	Analyzed:	02/15/07 01:47
Solids:		Preparation:	EPA 5030B MS	Initial/Final:	5 mL / 5 mL

Batch: 7B15023 Sequence: BA00322 Calibration: 0702014 Instrument: JVGCMS1

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-43-2	Benzene	1	0.20	U
108-88-3	Toluene	1	0.24	I
100-41-4	Ethylbenzene	1	0.30	U
NA	Xylenes (Total)	1	0.30	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	50.0	48.4	97	85 - 115	
Toluene-d8	50.0	49.7	99	85 - 120	
4-Bromofluorobenzene	50.0	51.2	102	75 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Pentafluorobenzene	1630674	11.23	1705540	11.24	
1,4-Difluorobenzene	3361775	11.88	3706296	11.88	
Chlorobenzene-d5	3299491	15.06	3680144	15.06	
1,4-Dichlorobenzene-d4	1497457	17.25	1708562	17.26	

* Values outside of QC limits

METHOD BLANK DATA SHEET
EPA 8260B

Laboratory:	ENCO Jacksonville			SDG:	BR006-016
Client:	Tetra Tech NUS (BR006)			Project:	CTO #0025 Quarterly
Matrix:	Water	Laboratory ID:	7B15023-BLK1	File ID:	7BI004.D
Prepared:	02/14/07 09:00	Preparation:	EPA 5030B MS	Initial/Final:	5 mL / 5 mL
Analyzed:	02/14/07 18:41	Instrument:	JVGCMS1		
Batch:	7B15023	Sequence:	BA00322	Calibration:	0702014

CAS NO.	COMPOUND	CONC. (ug/L)	Q
71-43-2	Benzene	0.20	U
108-88-3	Toluene	0.20	U
100-41-4	Ethylbenzene	0.30	U
NA	Xylenes (Total)	0.30	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
Dibromofluoromethane	50.0	47.8	96	85 - 115	
Toluene-d8	50.0	48.2	96	85 - 120	
4-Bromofluorobenzene	50.0	50.0	100	75 - 120	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
Pentafluorobenzene	1792574	11.23	1705540	11.24	
1,4-Difluorobenzene	3729724	11.88	3706296	11.88	
Chlorobenzene-d5	3555877	15.07	3680144	15.06	
1,4-Dichlorobenzene-d4	1607465	17.25	1708562	17.26	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260B

MW-1

Laboratory:	ENCO Jacksonville	SDG:	BR006-016
Client:	Tetra Tech NUS (BR006)	Project:	CTO #0025 Quarterly
Matrix:	Water		
Batch:	7B15023	Laboratory ID:	7B15023-MS1
Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

Source Sample Name: MW-1

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC. #	QC LIMITS REC.
Benzene	20.0	ND	20.9	104	64 - 138
Toluene	20.0	ND	18.9	95	72 - 124
Ethylbenzene	20.0	ND	18.9	95	75 - 125
m,p-Xylenes	40.0	ND	41.7	104	75 - 130
o-Xylene	20.0	ND	19.3	97	80 - 120

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Benzene	20.0	20.1	101	4	22	64 - 138
Toluene	20.0	19.2	96	2	24	72 - 124
Ethylbenzene	20.0	19.2	96	1	25	75 - 125
m,p-Xylenes	40.0	41.1	103	2	24	75 - 130
o-Xylene	20.0	20.2	101	4	25	80 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

LCS / LCS DUPLICATE RECOVERY

EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-016
Client:	Tetra Tech NUS (BR006)	Project:	CTO #0025 Quarterly
Matrix:	Water		
Batch:	7B15023	Laboratory ID:	7B15023-BS1
Preparation:	EPA 5030B_MS	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Benzene	20.0	20.6	103	80 - 120
Toluene	20.0	19.2	96	75 - 120
Ethylbenzene	20.0	18.6	93	75 - 112
m,p-Xylenes	40.0	41.1	103	69 - 111
o-Xylene	20.0	19.7	99	62 - 114

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-016
Client:	Tetra Tech NUS (BR006)	Project:	CTO #0025 Quarterly
Lab File ID:	7BI001.D	Injection Date:	02/14/07
Instrument ID:	JVGCMS1	Injection Time:	17:03
Sequence:	BA00322	Lab Sample ID:	BA00322-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	21.5	PASS
75	30 - 60% of 95	56.6	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	7.42	PASS
173	Less than 2% of 174	0	PASS
174	50 - 200% of 95	52.5	PASS
175	5 - 9% of 174	6.19	PASS
176	95 - 101% of 174	95.5	PASS
177	5 - 9% of 176	6.2	PASS

CONTINUING CALIBRATION CHECK

EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-016
Client:	Tetra Tech NUS (BR006)	Project:	CTO #0025 Quarterly
Instrument ID:	JVGCMS1	Calibration:	0702014
Lab File ID:	7BI002.D	Calibration Date:	02/13/07 09:00
Sequence:	BA00322	Injection Date:	02/14/07
Lab Sample ID:	BA00322-CCV1	Injection Time:	17:35

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Benzene	A	50.0	47.7	1.134882	1.08247		-4.6	15
Toluene	A	50.0	48.4	0.7611368	0.736632		-3.2	15
Ethylbenzene	A	50.0	47.9	0.3997302	0.382659		-4.3	15
m,p-Xylenes	A	100	103	0.488966	0.502914		2.9	15
o-Xylene	A	50.0	49.4	0.5120721	0.5055		-1.3	15

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

SURROGATE STANDARD RECOVERY AND RT SUMMARY
EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-016
Client:	Tetra Tech NUS (BR006)	Project:	CTO #0025 Quarterly
Sequence:	BA00322	Instrument:	JVGCMS1
Matrix:	Water	Calibration:	0702014

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Blank (7B15023-BLK1)			Lab File ID: 7BI004.D		Analyzed: 02/14/07 18:41			
Dibromofluoromethane	50.0	96	85 - 115	10.66	10.66833	-0.0083	+/-0.5	
Toluene-d8	50.0	96	85 - 120	13.41	13.42	-0.0100	+/-0.5	
4-Bromofluorobenzene	50.0	100	75 - 120	16.22	16.21833	0.0017	+/-0.5	
CEF-M18-TRIP BLANK (B700757-07)			Lab File ID: 7BI017.D		Analyzed: 02/15/07 01:47			
Dibromofluoromethane	50.0	97	85 - 115	10.66	10.66833	-0.0083	+/-0.5	
Toluene-d8	50.0	99	85 - 120	13.4	13.42	-0.0200	+/-0.5	
4-Bromofluorobenzene	50.0	102	75 - 120	16.21	16.21833	-0.0083	+/-0.5	
CEF-M18-EB01-20070202 (B700757-05)			Lab File ID: 7BI018.D		Analyzed: 02/15/07 02:20			
Dibromofluoromethane	50.0	98	85 - 115	10.66	10.66833	-0.0083	+/-0.5	
Toluene-d8	50.0	98	85 - 120	13.41	13.42	-0.0100	+/-0.5	
4-Bromofluorobenzene	50.0	101	75 - 120	16.21	16.21833	-0.0083	+/-0.5	
CEF-M18-09I-20070202 (B700757-01)			Lab File ID: 7BI019.D		Analyzed: 02/15/07 02:52			
Dibromofluoromethane	50.0	99	85 - 115	10.66	10.66833	-0.0083	+/-0.5	
Toluene-d8	50.0	99	85 - 120	13.4	13.42	-0.0200	+/-0.5	
4-Bromofluorobenzene	50.0	101	75 - 120	16.21	16.21833	-0.0083	+/-0.5	
CEF-M18-12D-20070202 (B700757-02)			Lab File ID: 7BI020.D		Analyzed: 02/15/07 03:25			
Dibromofluoromethane	50.0	101	85 - 115	10.65	10.66833	-0.0183	+/-0.5	
Toluene-d8	50.0	98	85 - 120	13.4	13.42	-0.0200	+/-0.5	
4-Bromofluorobenzene	50.0	100	75 - 120	16.21	16.21833	-0.0083	+/-0.5	
CEF-M18-04I-20070202 (B700757-03)			Lab File ID: 7BI021.D		Analyzed: 02/15/07 03:58			
Dibromofluoromethane	50.0	99	85 - 115	10.65	10.66833	-0.0183	+/-0.5	
Toluene-d8	50.0	98	85 - 120	13.41	13.42	-0.0100	+/-0.5	
4-Bromofluorobenzene	50.0	101	75 - 120	16.21	16.21833	-0.0083	+/-0.5	
CEF-M18-05I-20070202 (B700757-04)			Lab File ID: 7BI022.D		Analyzed: 02/15/07 04:31			
Dibromofluoromethane	50.0	98	85 - 115	10.66	10.66833	-0.0083	+/-0.5	
Toluene-d8	50.0	101	85 - 120	13.4	13.42	-0.0200	+/-0.5	
4-Bromofluorobenzene	50.0	101	75 - 120	16.21	16.21833	-0.0083	+/-0.5	
CEF-M18-DUP01-20070202 (B700757-06)			Lab File ID: 7BI023.D		Analyzed: 02/15/07 05:04			
Dibromofluoromethane	50.0	99	85 - 115	10.65	10.66833	-0.0183	+/-0.5	
Toluene-d8	50.0	98	85 - 120	13.4	13.42	-0.0200	+/-0.5	
4-Bromofluorobenzene	50.0	102	75 - 120	16.2	16.21833	-0.0183	+/-0.5	

INTERNAL STANDARD AREA AND RT SUMMARY
EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-016
Client:	Tetra Tech NUS (BR006)	Project:	CTO #0025 Quarterly
Sequence:	BA00322	Instrument:	JVGCMS1
Matrix:	Water	Calibration:	0702014

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Blank (7B15023-BLK1)			Lab File ID: 7BI004.D			Analyzed: 02/14/07 18:41			
Pentafluorobenzene	1792574	11.23	1705540	11.24	105	50 - 200	-0.0100	+/-0.50	
1,4-Difluorobenzene	3729724	11.88	3706296	11.88	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	3555877	15.07	3680144	15.06	97	50 - 200	0.0100	+/-0.50	
1,4-Dichlorobenzene-d4	1607465	17.25	1708562	17.26	94	50 - 200	-0.0100	+/-0.50	
CEF-M18-TRIP BLANK (B700757-07)			Lab File ID: 7BI017.D			Analyzed: 02/15/07 01:47			
Pentafluorobenzene	1630674	11.23	1705540	11.24	96	50 - 200	-0.0100	+/-0.50	
1,4-Difluorobenzene	3361775	11.88	3706296	11.88	91	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	3299491	15.06	3680144	15.06	90	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	1497457	17.25	1708562	17.26	88	50 - 200	-0.0100	+/-0.50	
CEF-M18-EB01-20070202 (B700757-05)			Lab File ID: 7BI018.D			Analyzed: 02/15/07 02:20			
Pentafluorobenzene	1610635	11.23	1705540	11.24	94	50 - 200	-0.0100	+/-0.50	
1,4-Difluorobenzene	3384372	11.88	3706296	11.88	91	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	3276087	15.06	3680144	15.06	89	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	1484177	17.25	1708562	17.26	87	50 - 200	-0.0100	+/-0.50	
CEF-M18-09I-20070202 (B700757-01)			Lab File ID: 7BI019.D			Analyzed: 02/15/07 02:52			
Pentafluorobenzene	1602540	11.23	1705540	11.24	94	50 - 200	-0.0100	+/-0.50	
1,4-Difluorobenzene	3356338	11.88	3706296	11.88	91	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	3318973	15.06	3680144	15.06	90	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	1514528	17.25	1708562	17.26	89	50 - 200	-0.0100	+/-0.50	
CEF-M18-12D-20070202 (B700757-02)			Lab File ID: 7BI020.D			Analyzed: 02/15/07 03:25			
Pentafluorobenzene	1541177	11.22	1705540	11.24	90	50 - 200	-0.0200	+/-0.50	
1,4-Difluorobenzene	3351044	11.87	3706296	11.88	90	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	3287692	15.06	3680144	15.06	89	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	1473209	17.25	1708562	17.26	86	50 - 200	-0.0100	+/-0.50	
CEF-M18-04I-20070202 (B700757-03)			Lab File ID: 7BI021.D			Analyzed: 02/15/07 03:58			
Pentafluorobenzene	1590681	11.22	1705540	11.24	93	50 - 200	-0.0200	+/-0.50	
1,4-Difluorobenzene	3349282	11.87	3706296	11.88	90	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	3246153	15.06	3680144	15.06	88	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	1474685	17.25	1708562	17.26	86	50 - 200	-0.0100	+/-0.50	
CEF-M18-05I-20070202 (B700757-04)			Lab File ID: 7BI022.D			Analyzed: 02/15/07 04:31			
Pentafluorobenzene	1602596	11.22	1705540	11.24	94	50 - 200	-0.0200	+/-0.50	
1,4-Difluorobenzene	3312117	11.87	3706296	11.88	89	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	3293013	15.06	3680144	15.06	89	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	1488319	17.25	1708562	17.26	87	50 - 200	-0.0100	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY
EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-016
Client:	Tetra Tech NUS (BR006)	Project:	CTO #0025 Quarterly
Sequence:	BA00322	Instrument:	JVGCMS1
Matrix:	Water	Calibration:	0702014

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
CEF-M18-DUP01-20070202 (B700757-06)			Lab File ID: 7BI023.D			Analyzed: 02/15/07 05:04			
Pentafluorobenzene	1566045	11.22	1705540	11.24	92	50 - 200	-0.0200	+/-0.50	
1,4-Difluorobenzene	3282205	11.87	3706296	11.88	89	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	3229557	15.06	3680144	15.06	88	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	1474268	17.25	1708562	17.26	86	50 - 200	-0.0100	+/-0.50	

INITIAL CALIBRATION STANDARDS

EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-016
Client:	Tetra Tech NUS (BR006)	Project:	CTO #0025 Quarterly
Sequence:	BA00366	Instrument:	JVGCMS1
Calibration:	0702014		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
B7B0216	Level 1 Cal standard-0.2ppb*(1-5-10-20)	BA00366-CAL1	7BH029.D	02/14/07 05:32
B7B0217	Level 2 Cal standard-1.0ppb*(1-5-10-20)	BA00366-CAL2	7BH031.D	02/14/07 06:37
B7B0218	Level 3 Cal standard-5.0ppb*(1-5-10-20)	BA00366-CAL3	7BH032.D	02/14/07 07:10
B7B0219	Level 4 Cal standard-20ppb*(1-5-10-20)	BA00366-CAL4	7BH033.D	02/14/07 07:42
B7B0223	Level 5 Cal standard-50ppb*(1-5-10-20)	BA00366-CAL5	7BH034.D	02/14/07 08:15
B7B0224	Level 6 Cal standard-100ppb*(1-5-10-20)	BA00366-CAL6	7BH036.D	02/14/07 09:21
B7B0225	Level 7 Cal standard-200ppb*(1-5-10-20)	BA00366-CAL7	7BH039.D	02/14/07 10:59

INITIAL CALIBRATION DATA
EPA 8260B

Laboratory: ENCO Jacksonville
SDG: BR006-016
Client: Tetra Tech NUS (BR006)
Project: CTO #0025 Quarterly
Calibration: 0702014
Instrument: JVGCMS1
Matrix: Water
Calibration Date: 02/13/07 09:00

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Dichlorodifluoromethane	0.2	0	1	0.7797131	5	0.7887966	20	0.7592228	50	0.9363897	100	0.8862838
Chloromethane	0.2	0	1	0.9416426	5	0.8900163	20	0.8498268	50	1.035834	100	1.003697
Vinyl chloride	0.2	0	1	0.6785642	5	0.8396831	20	0.7848448	50	0.9408247	100	0.9223122
Bromomethane	0.2	0	1	0.3172337	5	0.343802	20	0.3398247	50	0.3420172	100	0.305432
Chloroethane	0.2	0	1	0.5027673	5	0.5464583	20	0.4769363	50	0.5604359	100	0.479933
Trichlorofluoromethane	0.2	0	1	0.8494525	5	0.9753567	20	0.9319675	50	1.120731	100	1.043436
Acrolein	1	0	5	7.111271E-02	25	7.910364E-02	100	8.434469E-02	250	8.531996E-02	500	7.169835E-02
1,1-Dichloroethene	0.2	0	1	0.6038358	5	0.551887	20	0.610032	50	0.6910855	100	0.625213
Acetone	1	0	5	0.2209719	25	0.1646273	100	0.194997	250	0.1767927	500	0.1516471
Iodomethane	1	0	5	0.2640118	25	0.4379704	100	0.7097485	250	0.8303982	500	0.7064265
Carbon disulfide	1	0	5	1.508254	25	1.590472	100	1.895617	250	1.843757	500	1.325027
Acetonitrile	2	0	10	0.1020019	50	8.070242E-02	200	0.0872411	500	8.519517E-02	1000	7.459214E-02
3-Chloropropene	0.2	0	1	0.5672226	5	0.4522618	20	0.6726803	50	0.8492362	100	0.7032639
Methylene Chloride	0.2	0	1	1.522196	5	0.8959765	20	0.8537651	50	0.8583631	100	0.7613046
Acrylonitrile	1	0.2375146	5	0.2097117	25	0.2210216	100	0.2286479	250	0.2257888	500	0.1996946
Methyl-tert-Butyl Ether	0.2	0	1	1.911959	5	1.847704	20	2.033838	50	2.100498	100	1.894698
trans-1,2-Dichloroethene	0.2	0	1	0.5882249	5	0.699161	20	0.7141083	50	0.7868757	100	0.6999243
1,1-Dichloroethane	0.2	0	1	1.106684	5	1.190953	20	1.228898	50	1.302363	100	1.140129
Vinyl acetate	1	0	5	0.6936386	25	0.5718847	100	0.7103633	250	0.6646773	500	0.5301297
Isopropyl Ether	0.2	0	1	2.394314	5	2.280057	20	2.424781	50	2.579678	100	2.1753
Chloroprene	0.2	0	1	0.5713801	5	0.5511983	20	0.6146869	50	0.6743657	100	0.598208
2-Butanone	1	0	5	7.596765E-02	25	6.210607E-02	100	0.0786877	250	7.200045E-02	500	6.213801E-02
cis-1,2-Dichloroethene	0.2	0	1	0.8520812	5	0.7036352	20	0.7706422	50	0.8702477	100	0.766871
2,2-Dichloropropane	0.2	0	1	0.5777908	5	0.620296	20	0.6782191	50	0.7423011	100	0.6570893
Propionitrile	2	0	10	7.680184E-02	50	8.256477E-02	200	8.676385E-02	500	8.429619E-02	1000	7.437363E-02
Methacrylonitrile	2	0	10	0.4438322	50	0.3848984	200	0.42109	500	0.4016725	1000	0.3184383
Bromochloromethane	0.2	0	1	0.296902	5	0.3434061	20	0.3237311	50	0.3361586	100	0.2914263
Chloroform	0.2	0	1	1.35112	5	1.28477	20	1.351978	50	1.448411	100	1.284339
1,1,1-Trichloroethane	0.2	0	1	0.9602577	5	0.9973318	20	1.052857	50	1.180679	100	1.070545
1,1-Dichloropropene	0.2	0	1	0.7972284	5	0.8676942	20	0.9827371	50	1.075466	100	0.942098
Isobutyl alcohol	4	0	20	7.875186E-02	100	5.428871E-02	400	5.442893E-02	1000	5.686574E-02	2000	5.219882E-02

INITIAL CALIBRATION DATA
EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-016
Client:	Tetra Tech NUS (BR006)	Project:	CTO #0025 Quarterly
Calibration:	0702014	Instrument:	JVGCMS1
Matrix:	Water	Calibration Date:	02/13/07 09:00

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Carbon Tetrachloride	0.2	0	1	0.4687132	5	0.3867667	20	0.4093421	50	0.4534996	100	0.4214662
1,2-Dichloroethane	0.2	0	1	0.4546564	5	0.4271976	20	0.4489356	50	0.4680369	100	0.4408865
Benzene	0.2	0	1	1.351187	5	1.155694	20	1.198407	50	1.217324	100	1.039879
Trichloroethene	0.2	0	1	0.3241138	5	0.275209	20	0.3278764	50	0.3540315	100	0.3240641
1,2-Dichloropropane	0.2	0	1	0.3590657	5	0.3172181	20	0.3294141	50	0.3601899	100	0.3101527
Methyl Methacrylate	0.2	0	1	0.1970762	5	0.198217	20	0.2254854	50	0.229817	100	0.2165523
1,4-Dioxane	4	0	20	2.99824E-03	100	2.443348E-03	400	2.997293E-03	1000	3.208852E-03	2000	2.801882E-03
Dibromomethane	0.2	0	1	0.2202263	5	0.2195621	20	0.2293962	50	0.2456528	100	0.2242763
Bromodichloromethane	0.2	0.4070565	1	0.4694975	5	0.4976836	20	0.5238342	50	0.5486805	100	0.5033306
2-Chloroethyl Vinyl Ether	1	0	5	6.919297E-03	25	4.708276E-03	100	2.900906E-02	250	5.813891E-02	500	7.077766E-02
cis-1,3-Dichloropropene	0.2	0.6240268	1	0.4766545	5	0.5213858	20	0.5566534	50	0.5889841	100	0.5233041
4-Methyl-2-pentanone	1	0	5	4.121676E-02	25	3.602324E-02	100	4.821617E-02	250	4.670582E-02	500	4.197256E-02
Toluene	0.2	0	1	0.7701027	5	0.7149593	20	0.7569126	50	0.8309728	100	0.75649
trans-1,3-Dichloropropene	0.2	0.2345517	1	0.4665147	5	0.4491703	20	0.4667588	50	0.4943933	100	0.4357519
Cyclohexane	0.2	0	1	1.01562	5	1.046602	20	1.270322	50	1.175914	100	1.021988
Ethyl Methacrylate	0.2	0	1	0.4743571	5	0.3924033	20	0.4617151	50	0.4658526	100	0.4277279
1,1,2-Trichloroethane	0.2	0	1	0.3121129	5	0.2821858	20	0.3165289	50	0.3130583	100	0.2954036
Methyl acetate	0.2	0	1	0.6011535	5	0.5414256	20	0.6156207	50	0.6209999	100	0.6287746
1,3-Dichloropropane	0.2	0	1	0.5595678	5	0.5374564	20	0.5815089	50	0.6046123	100	0.5394961
Methyl cyclohexane	0.2	0	1	0.9794617	5	0.5380039	20	0.5128569	50	0.4709497	100	0.4241632
Tetrachloroethene	0.2	0	1	0.3415381	5	0.3238537	20	0.3496068	50	0.3722596	100	0.3492261
2-Hexanone	1	0	5	0.1956639	25	0.1802322	100	0.2444166	250	0.220358	500	0.186775
Dibromochloromethane	0.2	0.4328365	1	0.3202	5	0.3338422	20	0.3510047	50	0.3792962	100	0.360739
1,2-Dibromoethane	0.2	0	1	0.3172511	5	0.3056526	20	0.3278461	50	0.3435736	100	0.317921
Chlorobenzene	0.2	0	1	0.7936171	5	0.7565264	20	0.7806266	50	0.8543963	100	0.7621098
1,1,1,2-Tetrachloroethane	0.2	0.2668529	1	0.274987	5	0.2583002	20	0.2992837	50	0.3187285	100	0.3057723
Ethylbenzene	0.2	0	1	0.3962419	5	0.3805354	20	0.4065907	50	0.4340529	100	0.3934516
m,p-Xylenes	0.4	0	2	0.4489819	10	0.4648187	40	0.5139795	100	0.5605355	200	0.4967824
o-Xylene	0.2	0	1	0.4895139	5	0.4786886	20	0.5173264	50	0.5580113	100	0.5182303
Styrene	0.2	0	1	0.8174276	5	0.8407179	20	0.8891478	50	0.978702	100	0.8975287
Bromoform	0.2	0	1	0.1764609	5	0.1487704	20	0.179627	50	0.1925573	100	0.1870865

INITIAL CALIBRATION DATA
EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-016
Client:	Tetra Tech NUS (BR006)	Project:	CTO #0025 Quarterly
Calibration:	0702014	Instrument:	JVGCMS1
Matrix:	Water	Calibration Date:	02/13/07 09:00

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Isopropylbenzene	0.2	~~0~~	1	1.020906	5	1.084268	20	1.193204	50	1.255249	100	1.105569
1,1,2,2-Tetrachloroethane	0.2	0.4025821	1	0.3973751	5	0.3716766	20	0.3689579	50	0.3764602	100	0.3543114
Bromobenzene	0.2	~~0~~	1	0.2542542	5	0.2686662	20	0.2954432	50	0.3223308	100	0.3041992
1,2,3-Trichloropropane	0.2	0.7560406	1	0.6051929	5	0.5105334	20	0.5325984	50	0.5493277	100	0.5196976
trans-1,4-Dichloro-2-butene	0.2	~~0~~	1	0.1218344	5	0.1101968	20	0.1151555	50	0.1175355	100	0.1106818
n-Propyl Benzene	0.2	~~0~~	1	1.402235	5	1.591291	20	1.650152	50	1.755214	100	1.435949
2-Chlorotoluene	0.2	~~0~~	1	2.564445	5	2.586388	20	2.643573	50	2.808695	100	2.397834
1,3,5-Trimethylbenzene	0.2	~~0~~	1	2.066821	5	2.390383	20	2.508782	50	2.671714	100	2.251406
4-Chlorotoluene	0.2	~~0~~	1	2.235484	5	2.292209	20	2.436946	50	2.548179	100	2.159767
tert-Butylbenzene	0.2	~~0~~	1	1.856067	5	1.891504	20	1.950819	50	2.086968	100	1.809165
Pentachloroethane	0.2	~~0~~	1	3.067954E-02	5	9.726173E-03	20	7.733196E-03	50	5.048332E-03	100	4.453652E-03
1,2,4-Trimethylbenzene	0.2	~~0~~	1	2.527283	5	2.565064	20	2.656287	50	2.806753	100	2.345694
sec-Butylbenzene	0.2	~~0~~	1	2.946968	5	2.883021	20	3.100144	50	3.274897	100	2.683431
1,3-Dichlorobenzene	0.2	~~0~~	1	1.177981	5	1.251328	20	1.292737	50	1.392758	100	1.232044
4-Isopropyltoluene	0.2	~~0~~	1	2.20573	5	2.180589	20	2.373744	50	2.547455	100	2.145302
1,4-Dichlorobenzene	0.2	~~0~~	1	1.18521	5	1.21063	20	1.324575	50	1.427446	100	1.248916
n-Butyl Benzene	0.2	~~0~~	1	2.343056	5	2.350014	20	2.463472	50	2.57073	100	2.159353
1,2-Dichlorobenzene	0.2	~~0~~	1	1.315038	5	1.236472	20	1.233913	50	1.351499	100	1.217581
1,2-Dibromo-3-chloropropane	0.2	~~0~~	1	0.1596113	5	0.1547308	20	0.1455403	50	0.1487171	100	0.1423824
1,2,4-Trichlorobenzene	0.2	~~0~~	1	0.6660776	5	0.6437155	20	0.6795193	50	0.759961	100	0.6871511
Hexachlorobutadiene	0.2	~~0~~	1	0.1202387	5	0.1641089	20	0.1746752	50	0.2000563	100	0.1849066
Naphthalene	0.2	~~0~~	1	2.12355	5	1.776116	20	1.993371	50	2.142246	100	1.914742
1,2,3-Trichlorobenzene	0.2	~~0~~	1	0.6405362	5	0.619433	20	0.6379107	50	0.7059311	100	0.6471029
Diethyl ether	0.2	~~0~~	1	0.5714874	5	0.5497177	20	0.6704836	50	0.6233164	100	0.5364933
Freon 113	0.4	~~0~~	2	0.3352184	10	0.3376114	40	0.3976929	100	0.4212985	200	0.3871562
Dibromofluoromethane	50	~~0.3941645~~	50	0.3888185	50	0.3992802	50	0.3862694	50	0.3875274	50	0.3880576
Toluene-d8	50	~~1.204618~~	50	1.187446	50	1.210635	50	1.213583	50	1.219577	50	1.254285
4-Bromofluorobenzene	50	~~0.5400113~~	50	0.550238	50	0.5392047	50	0.545434	50	0.5453447	50	0.5595114
1,2-Dichloroethane-d4	50	~~1.106716~~	50	1.074816	50	1.083548	50	1.018147	50	0.9969202	50	0.957587

INITIAL CALIBRATION DATA (Continued)

EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-016
Client:	Tetra Tech NUS (BR006)	Project:	CTO #0025 Quarterly
Calibration:	0702014	Instrument:	JVGCMS1
Matrix:	Water	Calibration Date:	02/13/07 09:00

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Dichlorodifluoromethane	200	0.913417										
Chloromethane	200	1.027461										
Vinyl chloride	200	0.9215711										
Bromomethane	200	0.2946512										
Chloroethane	200	0.3963396										
Trichlorofluoromethane	200	1.018897										
Acrolein	1000	0.0711717										
1,1-Dichloroethene	200	0.6246791										
Acetone	1000	0.1679211										
Iodomethane	1000	0.674246										
Carbon disulfide	1000	~~1.01179~~										
Acetonitrile	2000	7.682274E-02										
3-Chloropropene	200	~~0.5818984~~										
Methylene Chloride	200	0.7188064										
Acrylonitrile	1000	0.2042066										
Methyl-tert-Butyl Ether	200	1.811475										
trans-1,2-Dichloroethene	200	0.6818792										
1,1-Dichloroethane	200	1.103943										
Vinyl acetate	1000	~~0.4192265~~										
Isopropyl Ether	200	1.955835										
Chloroprene	200	0.5918983										
2-Butanone	1000	7.326347E-02										
cis-1,2-Dichloroethene	200	0.7658751										
2,2-Dichloropropane	200	0.6020915										
Propionitrile	2000	7.281322E-02										
Methacrylonitrile	2000	~~0.2584014~~										
Bromochloromethane	200	0.2820126										
Chloroform	200	1.238518										
1,1,1-Trichloroethane	200	1.085673										
1,1-Dichloropropene	200	0.9271381										
Isobutyl alcohol	4000	5.448266E-02										

INITIAL CALIBRATION DATA (Continued)

EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-016
Client:	Tetra Tech NUS (BR006)	Project:	CTO #0025 Quarterly
Calibration:	0702014	Instrument:	JVGCMS1
Matrix:	Water	Calibration Date:	02/13/07 09:00

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Carbon Tetrachloride	200	0.4332593										
1,2-Dichloroethane	200	0.4163072										
Benzene	200	0.8467985										
Trichloroethene	200	0.3265117										
1,2-Dichloropropane	200	0.2879172										
Methyl Methacrylate	200	0.2258247										
1,4-Dioxane	4000	3.479136E-03										
Dibromomethane	200	0.2225517										
Bromodichloromethane	200	0.480246										
2-Chloroethyl Vinyl Ether	1000	8.546183E-02										
cis-1,3-Dichloropropene	200	0.4866446										
4-Methyl-2-pentanone	1000	4.518829E-02										
Toluene	200	0.7373833										
trans-1,3-Dichloropropene	200	0.4267964										
Cyclohexane	200	0.938674										
Ethyl Methacrylate	200	0.454926										
1,1,2-Trichloroethane	200	0.3048789										
Methyl acetate	200	0.7837298										
1,3-Dichloropropane	200	0.5342115										
Methyl cyclohexane	200	0.4140164										
Tetrachloroethene	200	0.356095										
2-Hexanone	1000	0.1833012										
Dibromochloromethane	200	0.3888744										
1,2-Dibromoethane	200	0.336637										
Chlorobenzene	200	0.7054085										
1,1,1,2-Tetrachloroethane	200	0.3154768										
Ethylbenzene	200	0.3875089										
m,p-Xylenes	400	0.4486981										
o-Xylene	200	0.5106622										
Styrene	200	0.815559										
Bromoform	200	0.2184946										

INITIAL CALIBRATION DATA (Continued)

EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-016
Client:	Tetra Tech NUS (BR006)	Project:	CTO #0025 Quarterly
Calibration:	0702014	Instrument:	JVGCMS1
Matrix:	Water	Calibration Date:	02/13/07 09:00

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Isopropylbenzene	200	0.9471284										
1,1,2,2-Tetrachloroethane	200	0.3657565										
Bromobenzene	200	0.320222										
1,2,3-Trichloropropane	200	0.5357683										
trans-1,4-Dichloro-2-butene	200	0.1184931										
n-Propyl Benzene	200	~~1.08399~~										
2-Chlorotoluene	200	1.946859										
1,3,5-Trimethylbenzene	200	1.766572										
4-Chlorotoluene	200	1.706427										
tert-Butylbenzene	200	1.574342										
Pentachloroethane	200	~~2.887525E-03~~										
1,2,4-Trimethylbenzene	200	1.842797										
sec-Butylbenzene	200	~~1.948143~~										
1,3-Dichlorobenzene	200	1.130857										
4-Isopropyltoluene	200	1.722774										
1,4-Dichlorobenzene	200	1.144829										
n-Butyl Benzene	200	1.703345										
1,2-Dichlorobenzene	200	1.109175										
1,2-Dibromo-3-chloropropane	200	0.163056										
1,2,4-Trichlorobenzene	200	0.6848875										
Hexachlorobutadiene	200	0.18713										
Naphthalene	200	1.798164										
1,2,3-Trichlorobenzene	200	0.6388293										
Diethyl ether	200	0.4969502										
Freon 113	400	0.4176669										
Dibromofluoromethane	50	0.4121623										
Toluene-d8	50	1.273738										
4-Bromofluorobenzene	50	0.5922947										
1,2-Dichloroethane-d4	50	0.8814927										

INITIAL CALIBRATION DATA (Continued)

EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-016
Client:	Tetra Tech NUS (BR006)	Project:	CTO #0025 Quarterly
Calibration:	0702014	Instrument:	JVGCMS1
Matrix:	Water	Calibration Date:	02/13/07 09:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Dichlorodifluoromethane	0.8439705	9.102723	4.148333	9.555762E-02			15.4	
Chloromethane	0.9580796	8.025656	4.663333	0.2220354			SPCC (0.1)	
Vinyl chloride	0.8479667	12.06314	4.795	0.1129395			CCC (20)	
Bromomethane	0.3238268	6.505343	5.516667	9.312013E-02			15.4	
Chloroethane	0.4938117	11.90105	5.785	0.1458935			15.4	
Trichlorofluoromethane	0.9899735	9.488423	6.093333	8.307529E-02			15.4	
Acrolein	7.712518E-02	8.682998	7.731667	9.674614E-02			15.4	
1,1-Dichloroethene	0.6177887	7.265286	7.116667	7.059663E-02			CCC (20)	
Acetone	0.1794928	13.86886	8.225	6.868155E-02	0.9965093		0.99	
Iodomethane	0.6038002	34.82087	7.408333	5.294648E-02	0.9958584		0.99	
Carbon disulfide	1.632625	14.54642	7.202	6.057649E-02			15.4	
Acetonitrile	8.442591E-02	11.6754	8.975	9.433951E-02	0.998737		0.99	
3-Chloropropene	0.648933	22.98523	7.982	5.649834E-02	0.9872812		0.99	*
Methylene Chloride	0.9350686	31.56947	8.155	6.432945E-02	0.9977261		0.99	
Acrylonitrile	0.2180837	6.370197	9.435714	5.701569E-02			15.4	
Methyl-tert-Butyl Ether	1.933362	5.767874	8.585	9.893035E-02			15.4	
trans-1,2-Dichloroethene	0.6950289	9.194949	8.428334	4.535811E-02			15.4	
1,1-Dichloroethane	1.178828	6.595508	9.368333	0.0815969			SPCC (0.1)	
Vinyl acetate	0.6341387	12.46096	9.684	5.945141E-02			15.4	
Isopropyl Ether	2.301661	9.460386	9.165	0.0893004			15.4	
Chloroprene	0.6002896	7.073544	9.348334	0.0452199			15.4	
2-Butanone	7.069389E-02	9.941719	10.81667	4.928939E-02			15.4	
cis-1,2-Dichloroethene	0.7882254	7.866869	10.1	1.556668E-02			15.4	
2,2-Dichloropropane	0.646298	9.199587	10.26333	4.689831E-02			15.4	
Propionitrile	7.960225E-02	7.180847	11.205	4.833065E-02			15.4	
Methacrylonitrile	0.3939863	12.08521	11.232	4.174909E-02			15.4	
Bromochloromethane	0.3122728	8.173934	10.37	5.899197E-02			15.4	
Chloroform	1.326523	5.578234	10.43333	4.809755E-02			CCC (20)	
1,1,1-Trichloroethane	1.057891	7.227987	10.74167	3.815623E-02			15.4	
1,1-Dichloropropene	0.9320603	10.24384	10.89	1.492901E-02			15.4	
Isobutyl alcohol	5.850279E-02	17.14374	11.28833	8.695018E-02	0.9992878		0.99	
Carbon Tetrachloride	0.4288412	6.934856	10.65333	4.944393E-02			15.4	

INITIAL CALIBRATION DATA (Continued)

EPA 8260B

Laboratory:	ENCO Jacksonville	SDG:	BR006-016
Client:	Tetra Tech NUS (BR006)	Project:	CTO #0025 Quarterly
Calibration:	0702014	Instrument:	JVGCMS1
Matrix:	Water	Calibration Date:	02/13/07 09:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,2-Dichloroethane	0.44267	4.243102	11.425	4.846417E-02			15.4	
Benzene	1.134882	15.26555	11.20667	4.561788E-02			15.4	
Trichloroethene	0.3219678	7.953799	11.86167	3.403849E-02			15.4	
1,2-Dichloropropane	0.3273263	8.686204	12.47167	0.0238562			CCC (20)	
Methyl Methacrylate	0.2154954	6.726381	12.62833	3.710148E-02			15.4	
1,4-Dioxane	2.988125E-03	11.79846	12.71667	6.200902E-02			15.4	
Dibromomethane	0.2269442	4.3266	12.35833	5.995783E-02			15.4	
Bromodichloromethane	0.490047	9.209195	12.50286	3.932323E-02			15.4	
2-Chloroethyl Vinyl Ether	4.250251E-02	79.89922	13.115	0.5426947	0.9905002		0.99	
cis-1,3-Dichloropropene	0.5396647	9.927317	13.19857	2.353295E-02			15.4	
4-Methyl-2-pentanone	4.322047E-02	10.26152	13.83167	0.0228831			15.4	
Toluene	0.7611368	5.153621	13.47833	2.994721E-02			CCC (20)	
trans-1,3-Dichloropropene	0.4248482	20.44228	13.85714	0.4690221	0.9984851		0.99	
Cyclohexane	1.078187	11.28339	10.4	5.881484E-02			15.4	
Ethyl Methacrylate	0.4461637	6.894574	13.98167	2.599825E-02			15.4	
1,1,2-Trichloroethane	0.3040281	4.302093	14.07	0.0438965			15.4	
Methyl acetate	0.6319507	12.7728	8.418333	0.1157166			15.4	
1,3-Dichloropropane	0.5594755	5.083906	14.37	1.828736E-02			15.4	
Methyl cyclohexane	0.5565753	38.2218	11.88333	3.864578E-02	0.9990381		0.99	
Tetrachloroethene	0.3487632	4.586617	13.895	4.177734E-02			15.4	
2-Hexanone	0.2017911	12.5981	14.69167	2.250069E-02			15.4	
Dibromochloromethane	0.3666847	10.29361	14.27714	3.765832E-02			15.4	
1,2-Dibromoethane	0.3248136	4.294258	14.57	1.801839E-02			15.4	
Chlorobenzene	0.7754475	6.325825	15.09333	3.091611E-02			SPCC (0.3)	
1,1,1,2-Tetrachloroethane	0.2913431	8.363999	15.13571	3.183869E-02	0.9997415		0.99	
Ethylbenzene	0.3997302	4.739374	15.075	3.740913E-02			CCC (20)	
m,p-Xylenes	0.488966	8.967051	15.21833	2.585331E-02			15.4	
o-Xylene	0.5120721	5.384535	15.65167	2.395308E-02			15.4	
Styrene	0.8731805	7.145594	15.69333	3.175341E-02			15.4	
Bromoform	0.1838328	12.37954	15.76833	2.801005E-02			SPCC (0.1)	
Isopropylbenzene	1.101054	10.16935	15.92833	0.023042			15.4	
1,1,2,2-Tetrachloroethane	0.3767314	4.602155	16.35714	3.311306E-02			SPCC (0.3)	

INITIAL CALIBRATION DATA (Continued)

EPA 8260B

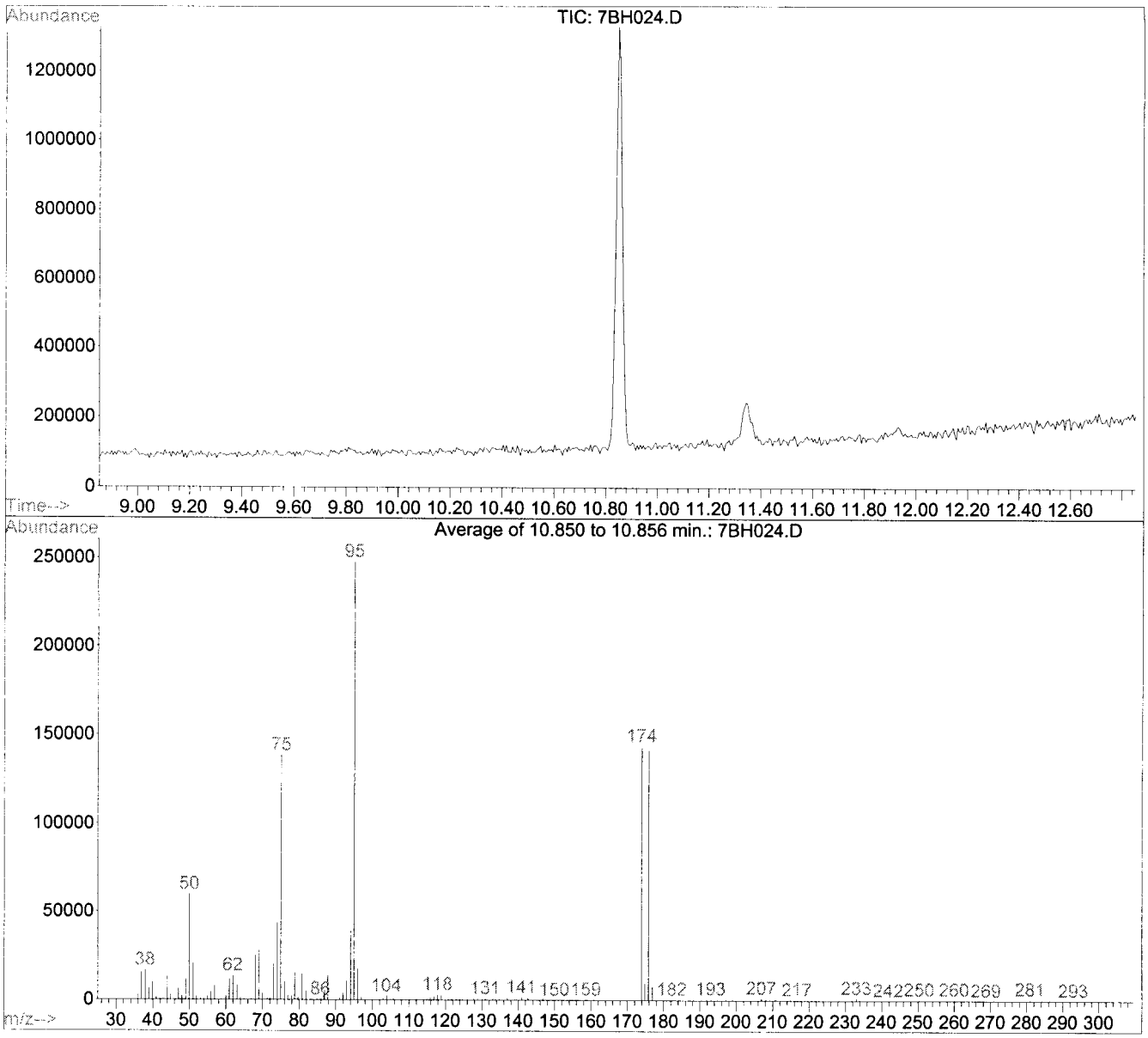
Laboratory:	ENCO Jacksonville	SDG:	BR006-016
Client:	Tetra Tech NUS (BR006)	Project:	CTO #0025 Quarterly
Calibration:	0702014	Instrument:	JVGCMS1
Matrix:	Water	Calibration Date:	02/13/07 09:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Bromobenzene	0.2941859	9.392728	16.34333	3.118154E-02			15.4	
1,2,3-Trichloropropane	0.572737	15.09759	16.51857	3.126373E-03			15.4	
trans-1,4-Dichloro-2-butene	0.1156495	3.953987	16.52167	1.305088E-02			15.4	
n-Propyl Benzene	1.566968	9.425279	16.3	1.227827E-02			15.4	
2-Chlorotoluene	2.491299	11.95423	16.485	0.039505			15.4	
1,3,5-Trimethylbenzene	2.275946	14.27455	16.45667	3.844387E-02			15.4	
4-Chlorotoluene	2.229835	13.10598	16.63667	3.700984E-02			15.4	
tert-Butylbenzene	1.861477	9.146498	16.77	1.489155E-02			15.4	
Pentachloroethane	1.152818E-02	94.67232	16.81	0.2693045	0.9875386		0.99	*
1,2,4-Trimethylbenzene	2.457313	13.71959	16.82667	3.118536E-02			15.4	
sec-Butylbenzene	2.977692	7.506038	16.934	0.0329128			15.4	
1,3-Dichlorobenzene	1.246284	7.339039	17.19833	2.498154E-02			15.4	
4-Isopropyltoluene	2.195932	12.58649	17.04667	3.500889E-02			15.4	
1,4-Dichlorobenzene	1.256934	8.234991	17.275	3.454002E-02			15.4	
n-Butyl Benzene	2.264995	13.57645	17.45	1.579717E-02			15.4	
1,2-Dichlorobenzene	1.243946	6.786735	17.69833	3.109419E-02			15.4	
1,2-Dibromo-3-chloropropane	0.1523396	5.348445	18.51167	2.727164E-02			15.4	
1,2,4-Trichlorobenzene	0.6868853	5.711314	19.25333	2.526857E-02			15.4	
Hexachlorobutadiene	0.1718526	16.31625	19.16333	2.302711E-02	0.9994701		0.99	
Naphthalene	1.958031	8.013705	19.68	2.627014E-02			15.4	
1,2,3-Trichlorobenzene	0.6482905	4.583112	19.91333	1.862147E-02			15.4	
Diethyl ether	0.5747414	10.91502	6.7	9.253816E-02			15.4	
Freon 113	0.3827741	9.944434	7.195	7.643047E-02			15.4	
Dibromofluoromethane	0.3936859	2.592882	10.66833	3.627579E-02			15.4	
Toluene-d8	1.226544	2.576949	13.42	4.900543E-02			15.4	
4-Bromofluorobenzene	0.5553379	3.480056	16.21833	2.579766E-02			15.4	
1,2-Dichloroethane-d4	1.002085	7.564897	11.34333	4.077476E-02			15.4	

8260 Calibration Data

Data File : C:\HPCHEM\1\DATA\20077BH\7BH024.D
Acq On : 14 Feb 2007 2:48
Sample : BA00366-tun1
Misc :
MS Integration Params: RTEINT.P
Method : C:\HPCHEM\1\METHODS\8260W7B5.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260

Vial: 24
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00



Spectrum Information: Average of 10.850 to 10.856 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.2	60028	PASS
75	95	30	60	55.9	138684	PASS
95	95	100	100	100.0	247968	PASS
96	95	5	9	7.1	17484	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	58.0	143872	PASS
175	174	5	9	6.7	9600	PASS
176	174	95	101	98.5	141696	PASS
177	176	5	9	5.5	7844	PASS

Response Factor Report JVGCMS1

Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration

Calibration Files
1 =7BH031.D 5 =7BH032.D 20 =7BH033.D
50 =7BH034.D 100 =7BH036.D 200 =7BH039.D

		Compound	1	5	20	50	100	200	Avg	%RSD
1)	i	PENTAFLUOROBENZENE (I	----------	----------	ISTD	----------	----------	----------		
2)		Dichlorodifluoromet	0.780	0.789	0.759	0.936	0.886	0.913	0.844	9.10
3)	p	Chloromethane	0.942	0.890	0.850	1.036	1.004	1.027	0.958	8.03
4)	c	Vinyl Chloride	0.679	0.840	0.785	0.941	0.922	0.922	0.848	12.06
5)		Bromomethane	0.317	0.344	0.340	0.342	0.305	0.295	0.324	6.51
6)		Chloroethane	0.503	0.546	0.477	0.560	0.480	0.396	0.494	11.90
7)		Trichlorofluorometh	0.849	0.975	0.932	1.121	1.043	1.019	0.990	9.49
8)		Diethyl ether	0.571	0.550	0.670	0.623	0.536	0.497	0.575	10.92
9)		Ethanol	0.013	0.006	0.006	0.007	0.006	0.007	0.007	0.993R
10)		1,2-Dichloro-1,1,2-							0.000	-1.00
11)		acrolein	0.071	0.079	0.084	0.085	0.072	0.071	0.077	8.68
12)		1,1,2Trichloro-1,2,	0.335	0.338	0.398	0.421	0.387	0.418	0.383	9.94
13)	c	1,1-Dichloroethene	0.604	0.552	0.610	0.691	0.625	0.625	0.618	7.27
14)		Acetone	0.221	0.165	0.195	0.177	0.152	0.168	0.179	0.997R
15)		Methyl acetate	0.601	0.541	0.616	0.621	0.629	0.784	0.632	12.77
16)		Iodomethane	0.264	0.438	0.710	0.830	0.706	0.674	0.604	0.996R
17)		Carbon disulfide	1.508	1.590	1.896	1.844	1.325		1.633	14.55
18)		Acetonitrile	0.102	0.081	0.087	0.085	0.075	0.077	0.084	11.68
19)		3-chloropropene	0.567	0.452	0.673	0.849	0.703		0.649	0.987R
20)		Methylene Chloride	1.522	0.896	0.854	0.858	0.761	0.719	0.935	0.998R
21)		Acrylonitrile	0.210	0.221	0.229	0.226	0.200	0.204	0.218	6.37
22)		Methyl tert-butyl e	1.912	1.848	2.034	2.100	1.895	1.811	1.933	5.77
23)		t-1,2-Dichloroethen	0.588	0.699	0.714	0.787	0.700	0.682	0.695	9.19
24)	p	1,1-Dichloroethane	1.107	1.191	1.229	1.302	1.140	1.104	1.179	6.60
25)		Vinyl Acetate	0.694	0.572	0.710	0.665	0.530		0.634	12.46
26)		Isopropyl ether	2.394	2.280	2.425	2.580	2.175	1.956	2.302	9.46
27)		Chloroprene	0.571	0.551	0.615	0.674	0.598	0.592	0.600	7.07
28)		2-Butanone	0.076	0.062	0.079	0.072	0.062	0.073	0.071	9.94
29)		c-1,2-Dichloroethen	0.852	0.704	0.771	0.870	0.767	0.766	0.788	7.87
30)		2,2-Dichloropropane	0.578	0.620	0.678	0.742	0.657	0.602	0.646	9.20
31)		Propionitrile	0.077	0.083	0.087	0.084	0.074	0.073	0.080	7.18
32)		Methacrylonitrile	0.444	0.385	0.421	0.402	0.318		0.394	12.09
33)		Bromochloromethane	0.297	0.343	0.324	0.336	0.291	0.282	0.312	8.17
34)		Cyclohexane	1.016	1.047	1.270	1.176	1.022	0.939	1.078	11.28
35)	c	Chloroform	1.351	1.285	1.352	1.448	1.284	1.239	1.327	5.58
36)		Dibromofluoromethan	0.810	0.838	0.826	0.838	0.822	0.864	0.830	2.29
37)	s	Dibromofluoromethan	0.810	0.838	0.826	0.838	0.822	0.864	0.830	2.29
38)		1,1,1-Trichloroetha	0.960	0.997	1.053	1.181	1.071	1.086	1.058	7.23
39)		1,1-Dichloropropene	0.797	0.868	0.983	1.075	0.942	0.927	0.932	10.24
40)		Isobutyl alcohol	0.079	0.054	0.054	0.057	0.052	0.054	0.059	0.999R
41)		1,4-DIFLUOROBENZENE (	----------	----------	ISTD	----------	----------	----------		
42)		Carbon Tetrachlorid	0.469	0.387	0.409	0.453	0.421	0.433	0.429	6.93
43)		d4-1,2-Dichloroetha	0.441	0.454	0.439	0.434	0.438	0.433	0.442	1.94
44)	s	d4-1,2-Dichloroetha	0.441	0.454	0.439	0.434	0.438	0.433	0.442	1.94
45)		1,2-Dichloroethane	0.455	0.427	0.449	0.468	0.441	0.416	0.443	4.24
46)		Benzene	1.351	1.156	1.198	1.217	1.040	0.847	1.135	15.27
47)		Trichloroethene	0.324	0.275	0.328	0.354	0.324	0.327	0.322	7.95
48)		Methyl cyclohexane	0.979	0.538	0.513	0.471	0.424	0.414	0.557	0.999R
49)	c	1,2-Dichloropropane	0.359	0.317	0.329	0.360	0.310	0.288	0.327	8.69
50)		Methyl methacrylate	0.197	0.198	0.225	0.230	0.217	0.226	0.215	6.73
51)		1,4-Dioxane	0.003	0.002	0.003	0.003	0.003	0.003	0.003	11.80
52)		Dibromomethane	0.220	0.220	0.229	0.246	0.224	0.223	0.227	4.33
53)		Bromodichloromethan	0.469	0.498	0.524	0.549	0.503	0.480	0.490	9.21
54)		2-Chloroethyl vinyl	0.007	0.005	0.029	0.058	0.071	0.085	0.043	0.991R

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report JVGCMS1

Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration

Calibration Files
1 =7BH031.D 5 =7BH032.D 20 =7BH033.D
50 =7BH034.D 100 =7BH036.D 200 =7BH039.D

		Compound	1	5	20	50	100	200	Avg	%RSD
55)		C-1,3-Dichloroprope	0.477	0.521	0.557	0.589	0.523	0.487	0.540	9.93
56)		4-Methyl-2-pentanon	0.041	0.036	0.048	0.047	0.042	0.045	0.043	10.26
57)		D8-Toluene	1.187	1.211	1.214	1.220	1.254	1.274	1.223	2.45
58)	s	D8-Toluene (surr)	1.187	1.211	1.214	1.220	1.254	1.274	1.223	2.45
59)		CHLOROBENZENE-d5(IS)	----------ISTD----------							
60)	c	Toluene	0.770	0.715	0.757	0.831	0.756	0.737	0.761	5.15
61)		T-1,3-Dichloroprope	0.467	0.449	0.467	0.494	0.436	0.427	0.425	0.998R
62)		Ethyl methacrylate	0.474	0.392	0.462	0.466	0.428	0.455	0.446	6.89
63)		1,1,2-Trichloroetha	0.312	0.282	0.317	0.313	0.295	0.305	0.304	4.30
64)		1,3-Dichloropropane	0.560	0.537	0.582	0.605	0.539	0.534	0.559	5.08
65)		Tetrachloroethene	0.342	0.324	0.350	0.372	0.349	0.356	0.349	4.59
66)		2-Hexanone	0.196	0.180	0.244	0.220	0.187	0.183	0.202	12.60
67)		Dibromochloromethan	0.320	0.334	0.351	0.379	0.361	0.389	0.367	10.29
68)		1,2-Dibromoethane	0.317	0.306	0.328	0.344	0.318	0.337	0.325	4.29
69)	p	Chlorobenzene	0.794	0.757	0.781	0.854	0.762	0.705	0.775	6.33
70)		1,1,1,2-Tetrachloro	0.275	0.258	0.299	0.319	0.306	0.315	0.272	1.000R
71)	c	Ethylbenzene	0.396	0.381	0.407	0.434	0.393	0.388	0.400	4.74
72)		m-xylene & p-xylene	0.449	0.465	0.514	0.561	0.497	0.449	0.489	8.97
73)		O-Xylene	0.490	0.479	0.517	0.558	0.518	0.511	0.512	5.38
74)		Styrene	0.817	0.841	0.889	0.979	0.898	0.816	0.873	7.15
75)	p	Bromoform	0.176	0.149	0.180	0.193	0.187	0.218	0.184	12.38
76)		Isopropylbenzene	1.021	1.084	1.193	1.255	1.106	0.947	1.101	10.17
77)		C-1,4-Dichloro-2-bu	0.103	0.096	0.111	0.121	0.113	0.124	0.111	9.46
78)		Bromofluorobenzene	0.550	0.539	0.545	0.545	0.560	0.592	0.553	3.36
79)	s	Bromofluorobenzene	0.550	0.539	0.545	0.545	0.560	0.592	0.553	3.36
80)	p	1,1,2,2-Tetrachloro	0.397	0.372	0.369	0.376	0.354	0.366	0.377	4.60
81)		Bromobenzene	0.254	0.269	0.295	0.322	0.304	0.320	0.294	9.39
82)		1,2,3-Trichloroprop	0.605	0.511	0.533	0.549	0.520	0.536	0.573	15.10
83)		T-1,4-Dichloro-2-Bu	0.122	0.110	0.115	0.118	0.111	0.118	0.116	3.95
84)		n-Propylbenzene	1.402	1.591	1.650	1.755	1.436		1.567	9.43
85)		1,4-DICHLOROBENZENE-d	----------ISTD----------							
86)		2-Chlorotoluene	2.564	2.586	2.644	2.809	2.398	1.947	2.491	11.95
87)		1,3,5-Trimethylbenz	2.067	2.390	2.509	2.672	2.251	1.767	2.276	14.27
88)		4-Chlorotoluene	2.235	2.292	2.437	2.548	2.160	1.706	2.230	13.11
89)		tert-Butylbenzene	1.856	1.892	1.951	2.087	1.809	1.574	1.861	9.15
90)		Pentachloroethane	0.031	0.010	0.008	0.005	0.004		0.012	0.988R
91)		1,2,4-Trimethylbenz	2.527	2.565	2.656	2.807	2.346	1.843	2.457	13.72
92)		s-Butylbenzene	2.947	2.883	3.100	3.275	2.683		2.978	7.51
93)		1,3-Dichlorobenzene	1.178	1.251	1.293	1.393	1.232	1.131	1.246	7.34
94)		p-Isopropyltoluene	2.206	2.181	2.374	2.547	2.145	1.723	2.196	12.59
95)		1,4-Dichlorobenzene	1.185	1.211	1.325	1.427	1.249	1.145	1.257	8.23
96)		n-Butylbenzene	2.343	2.350	2.463	2.571	2.159	1.703	2.265	13.58
97)		1,2-Dichlorobenzene	1.315	1.236	1.234	1.351	1.218	1.109	1.244	6.79
98)		DBCP	0.160	0.155	0.146	0.149	0.142	0.163	0.152	5.35
99)		1,2,4-Trichlorobenz	0.666	0.644	0.680	0.760	0.687	0.685	0.687	5.71
100)		Hexachlorobutadiene	0.120	0.164	0.175	0.200	0.185	0.187	0.172	0.999R
101)		Naphthalene	2.124	1.776	1.993	2.142	1.915	1.798	1.958	8.01
102)		1,2,3-Trichlorobenz	0.641	0.619	0.638	0.706	0.647	0.639	0.648	4.58

(#) = Out of Range ### Number of calibration levels exceeded format ###

Compound List Report JVGCMS1

Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
Total Cpnds : 102

PK#		Compound Name	QIon	Exp_RT	Rel_RT	Cal	#Qual	A/H	ID
1	I	PENTAFLUOROBENZENE (IS)	168	11.23	1.000	A	2	A	B
2		Dichlorodifluoromethane	85	4.15	0.369	A	1	A	B
3	p	Chloromethane	50	4.65	0.414	A	2	A	B
4	c	Vinyl Chloride	62	4.79	0.426	A	1	A	B
5		Bromomethane	94	5.52	0.491	A	1	A	B
6		Chloroethane	64	5.79	0.516	A	2	A	B
7		Trichlorofluoromethane	101	6.10	0.543	A	2	A	B
8		Diethyl ether	59	6.70	0.596	A	2	A	B
9		Ethanol	45	6.90	0.614	L	1	A	B
10		1,2-Dichloro-1,1,2-trifluroeth	117	7.37	0.656	A	2	A	B
11		acrolein	56	7.73	0.688	A	1	A	B
12		1,1,2Trichloro-1,2,2trifluoroe	151	7.19	0.640	A	2	A	B
13	c	1,1-Dichloroethene	96	7.12	0.634	A	2	A	B
14		Acetone	43	8.22	0.732	L	1	A	B
15		Methyl acetate	43	8.41	0.749	A	2	A	B
16		Iodomethane	142	7.41	0.659	L	2	A	B
17		Carbon disulfide	76	7.20	0.641	A	1	A	B
18		Acetonitrile	41	8.97	0.799	A	2	A	B
19		3-chloropropene	41	7.98	0.710	L	2	A	B
20		Methylene Chloride	84	8.16	0.726	L	2	A	B
21		Acrylonitrile	53	9.43	0.840	A	2	A	B
22		Methyl tert-butyl ether	73	8.58	0.764	A	1	A	B
23		t-1,2-Dichloroethene	96	8.42	0.750	A	2	A	B
24	p	1,1-Dichloroethane	63	9.37	0.834	A	2	A	B
25		Vinyl Acetate	43	9.68	0.862	A	1	A	B
26		Isopropyl ether	45	9.16	0.815	A	1	A	B
27		Chloroprene	88	9.35	0.832	A	1	A	B
28		2-Butanone	72	10.81	0.962	A	1	A	B
29		c-1,2-Dichloroethene	96	10.10	0.899	A	2	A	B
30		2,2-Dichloropropane	77	10.26	0.913	A	1	A	B
31		Propionitrile	54	11.21	0.997	A	1	A	B
32		Methacrylonitrile	41	11.23	0.999	A	1	A	B
33		Bromochloromethane	128	10.37	0.923	A	1	A	B
34		Cyclohexane	56	10.40	0.926	A	2	A	B
35	c	Chloroform	83	10.43	0.928	A	1	A	B
36		Dibromofluoromethane	113	10.66	0.949	A	1	A	B
37	S	Dibromofluoromethane (surr)	113	10.66	0.949	A	1	A	B
38		1,1,1-Trichloroethane	97	10.74	0.956	A	2	A	B
39		1,1-Dichloropropene	75	10.89	0.969	A	2	A	B
40		Isobutyl alcohol	43	11.28	1.004	L	2	A	B
41		1,4-DIFLUOROBENZENE (IS)	114	11.88	1.000	A	2	A	B
42		Carbon Tetrachloride	117	10.65	0.897	A	2	A	B
43		d4-1,2-Dichloroethane	65	11.34	0.954	A	2	A	B
44	S	d4-1,2-Dichloroethane(surr)	65	11.34	0.954	A	2	A	B
45		1,2-Dichloroethane	62	11.42	0.961	A	2	A	B
46		Benzene	78	11.21	0.943	A	1	A	B
47		Trichloroethene	130	11.86	0.998	A	2	A	B
48		Methyl cyclohexane	83	11.88	1.000	L	2	A	B
49	c	1,2-Dichloropropane	63	12.47	1.050	A	2	A	B
50		Methyl methacrylate	69	12.62	1.062	A	1	A	B
51		1,4-Dioxane	88	12.71	1.070	A	1	A	B
52		Dibromomethane	93	12.36	1.040	A	2	A	B
53		Bromodichloromethane	83	12.50	1.052	A	2	A	B
54		2-Chloroethyl vinyl ether	63	13.08	1.101	L	2	A	B
55		C-1,3-Dichloropropene	75	13.19	1.110	A	2	A	B
56		4-Methyl-2-pentanone	100	13.83	1.164	A	2	A	B
57		D8-Toluene	98	13.42	1.129	A	2	A	B
58	S	D8-Toluene (surr)	98	13.42	1.129	A	2	A	B
59		CHLOROBENZENE-d5(IS)	117	15.07	1.000	A	2	A	B
60	c	Toluene	92	13.48	0.894	A	1	A	B
61		T-1,3-Dichloropropene	75	13.88	0.921	L	1	A	B
62		Ethyl methacrylate	69	13.98	0.928	A	2	A	B
63		1,1,2-Trichloroethane	97	14.07	0.933	A	2	A	B

64		1,3-Dichloropropane	76	14.37	0.954	A	1	A	B
65		Tetrachloroethene	164	13.89	0.922	A	2	A	B
66		2-Hexanone	43	14.69	0.975	A	2	A	B
67		Dibromochloromethane	129	14.28	0.947	A	1	A	B
68		1,2-Dibromoethane	107	14.57	0.967	A	1	A	B
69	p	Chlorobenzene	112	15.09	1.001	A	1	A	B
70		1,1,1,2-Tetrachloroethane	131	15.13	1.004	L	1	A	B
71	c	Ethylbenzene	106	15.07	1.000	A	1	A	B
72		m-xylene & p-xylene	106	15.22	1.010	A	1	A	B
73		O-Xylene	106	15.65	1.039	A	1	A	B
74		Styrene	104	15.69	1.041	A	2	A	B
75	p	Bromoform	173	15.76	1.046	A	2	A	B
76		Isopropylbenzene	105	15.93	1.057	A	1	A	B
77		C-1,4-Dichloro-2-butene	53	16.24	1.078	A	2	A	B
78		Bromofluorobenzene	95	16.21	1.076	A	2	A	B
79	S	Bromofluorobenzene (surr)	95	16.21	1.076	A	2	A	B
80	p	1,1,2,2-Tetrachloroethane	83	16.35	1.085	A	2	A	B
81		Bromobenzene	156	16.34	1.084	A	1	A	B
82		1,2,3-Trichloropropane	75	16.52	1.096	A	2	A	B
83		T-1,4-Dichloro-2-Butene	53	16.52	1.096	A	2	A	B
84		n-Propylbenzene	91	16.30	1.082	A	1	A	B
85		1,4-DICHLOROBENZENE-d4(IS)	152	17.26	1.000	A	1	A	B
86		2-Chlorotoluene	91	16.48	0.955	A	1	A	B
87		1,3,5-Trimethylbenzene	105	16.45	0.953	A	1	A	B
88		4-Chlorotoluene	91	16.64	0.964	A	1	A	B
89		tert-Butylbenzene	119	16.77	0.972	A	2	A	B
90		Pentachloroethane	167	16.82	0.975	L	2	A	B
91		1,2,4-Trimethylbenzene	105	16.82	0.975	A	1	A	B
92		s-Butylbenzene	105	16.93	0.981	A	1	A	B
93		1,3-Dichlorobenzene	146	17.20	0.997	A	2	A	B
94		p-Isopropyltoluene	119	17.04	0.987	A	2	A	B
95		1,4-Dichlorobenzene	146	17.28	1.001	A	2	A	B
96		n-Butylbenzene	91	17.45	1.011	A	2	A	B
97		1,2-Dichlorobenzene	146	17.70	1.026	A	2	A	B
98		DBCP	157	18.51	1.072	A	1	A	B
99		1,2,4-Trichlorobenzene	180	19.25	1.116	A	2	A	B
100		Hexachlorobutadiene	225	19.16	1.110	L	2	A	B
101		Naphthalene	128	19.68	1.140	A	1	A	B
102		1,2,3-Trichlorobenzene	180	19.91	1.154	A	2	A	B

Cal A = Average L = Linear LO = Linear w/origin Q = Quad QO = Quad w/origin
#Qual = number of qualifiers
A/H = Area or Height
ID R = R.T. B = R.T. & Q Q = Qvalue L = Largest A = All

8260W7BI.M Tue Feb 27 10:31:00 2007

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BH\7BH027.D
Acq On : 14 Feb 2007 4:26
Sample : BA00366-icb1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 26 15:31 2007

Vial: 27
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00
Quant Results File: 8260W7B5.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7B5.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Mon Feb 05 11:02:33 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	11.25	168	1917948	50.00 ug/L	0.03
41) 1,4-DIFLUOROBENZENE (IS)	11.90	114	4138225	50.00 ug/L	0.02
59) CHLOROBENZENE-d5(IS)	15.07	117	3956943	50.00 ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	17.26	152	1692255	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	10.68	113	1564735	55.44 ug/L	0.02
Spiked Amount 50.000 Range 71 - 136			Recovery	= 110.88%	
44) d4-1,2-Dichloroethane(surr	11.34	65	1893754	59.20 µg/L	0.02
Spiked Amount 50.000 Range 70 - 130			Recovery	= 118.40%	
58) D8-Toluene (surr)	13.42	98	5001543	51.15 ug/L	0.02
Spiked Amount 50.000 Range 75 - 126			Recovery	= 102.30%	
79) Bromofluorobenzene (surr)	16.22	95	2151501	55.86 ug/L	0.02
Spiked Amount 50.000 Range 76 - 120			Recovery	= 111.72%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85		N.D.	
3) Chloromethane	0.00	50		N.D.	
4) Vinyl Chloride	0.00	62		N.D.	
5) Bromomethane	0.00	94		N.D.	
6) Chloroethane	5.79	64	2100	-5.08 ug/L #	53
7) Trichlorofluoromethane	0.00	101		N.D.	
8) Diethyl ether	0.00	59		N.D.	
9) Ethanol	6.91	45	2056	-86.85 ug/L	98
10) 1,2-Dichloro-1,1,2-triflur	0.00	117		No Calib #	
11) acrolein	0.00	56		N.D. d	
12) 1,1,2Trichloro-1,2,2triflu	0.00	151		N.D.	
13) 1,1-Dichloroethene	0.00	96		N.D.	
14) Acetone	8.25	43	13690	-20.98 ug/L	100
15) Methyl acetate	0.00	43		N.D. d	
16) Iodomethane	7.45	142	3638	-9.63 ug/L	93
17) Carbon disulfide	0.00	76		N.D.	
18) Acetonitrile	8.98	41	12535	-30.93 ug/L #	6
19) 3-chloropropene	0.00	41		N.D.	
20) Methylene Chloride	8.16	84	32042	-1.81 ug/L	94
21) Acrylonitrile	0.00	53		N.D.	
22) Methyl tert-butyl ether	0.00	73		N.D.	
23) t-1,2-Dichloroethene	0.00	96		N.D.	
24) 1,1-Dichloroethane	0.00	63		N.D.	
25) Vinyl Acetate	0.00	43		N.D.	
26) Isopropyl ether	0.00	45		N.D.	
27) Chloroprene	0.00	88		N.D.	
28) 2-Butanone	0.00	72		N.D. d	
29) c-1,2-Dichloroethene	0.00	96		N.D.	
30) 2,2-Dichloropropane	0.00	77		N.D.	
31) Propionitrile	0.00	54		N.D. d	
32) Methacrylonitrile	0.00	41		N.D.	
33) Bromochloromethane	0.00	128		N.D.	
34) Cyclohexane	0.00	56		N.D.	
35) Chloroform	0.00	83		N.D.	
36) Dibromofluoromethane	10.68	113	1564735	55.44 ug/L	78
38) 1,1,1-Trichloroethane	0.00	97		N.D.	
39) 1,1-Dichloropropene	0.00	75		N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BH\7BH027.D
Acq On : 14 Feb 2007 4:26
Sample : BA00366-icb1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 26 15:31 2007

Vial: 27
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7B5.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7B5.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Mon Feb 05 11:02:33 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
40)	Isobutyl alcohol	0.00	43		N.D. d	
42)	Carbon Tetrachloride	0.00	117		N.D.	
43)	d4-1,2-Dichloroethane	11.34	65	1893754	59.20 µg/L #	88
45)	1,2-Dichloroethane	0.00	62		N.D.	
46)	Benzene	0.00	78		N.D.	
47)	Trichloroethene	0.00	130		N.D.	
48)	Methyl cyclohexane	0.00	83		N.D.	
49)	1,2-Dichloropropane	0.00	63		N.D.	
50)	Methyl methacrylate	0.00	69		N.D.	
51)	1,4-Dioxane	0.00	88		N.D. d	
52)	Dibromomethane	0.00	93		N.D.	
53)	Bromodichloromethane	0.00	83		N.D.	
54)	2-Chloroethyl vinyl ether	0.00	63		N.D. d	
55)	C-1,3-Dichloropropene	0.00	75		N.D.	
56)	4-Methyl-2-pentanone	0.00	100		N.D. d	
57)	D8-Toluene	13.42	98	5001543	51.15 ug/L	95
60)	Toluene	0.00	92		N.D.	
61)	T-1,3-Dichloropropene	0.00	75		N.D.	
62)	Ethyl methacrylate	0.00	69		N.D.	
63)	1,1,2-Trichloroethane	0.00	97		N.D.	
64)	1,3-Dichloropropane	0.00	76		N.D.	
65)	Tetrachloroethene	0.00	164		N.D. d	
66)	2-Hexanone	0.00	43		N.D.	
67)	Dibromochloromethane	0.00	129		N.D.	
68)	1,2-Dibromoethane	0.00	107		N.D.	
69)	Chlorobenzene	0.00	112		N.D.	
70)	1,1,1,2-Tetrachloroethane	0.00	131		N.D.	
71)	Ethylbenzene	0.00	106		N.D.	
72)	m-xylene & p-xylene	0.00	106		N.D.	
73)	O-Xylene	0.00	106		N.D.	
74)	Styrene	0.00	104		N.D.	
75)	Bromoform	0.00	173		N.D.	
76)	Isopropylbenzene	0.00	105		N.D.	
77)	C-1,4-Dichloro-2-butene	16.25	53	1550	-3.29 ug/L #	1
78)	Bromofluorobenzene	16.22	95	2151501	55.86 ug/L #	84
80)	1,1,2,2-Tetrachloroethane	0.00	83		N.D.	
81)	Bromobenzene	0.00	156		N.D.	
82)	1,2,3-Trichloropropane	16.51	75	1153	-2.72 ug/L #	76
83)	T-1,4-Dichloro-2-Butene	16.49	53	1343	-4.15 ug/L #	23
84)	n-Propylbenzene	0.00	91		N.D.	
86)	2-Chlorotoluene	0.00	91		N.D.	
87)	1,3,5-Trimethylbenzene	0.00	105		N.D.	
88)	4-Chlorotoluene	0.00	91		N.D.	
89)	tert-Butylbenzene	0.00	119		N.D.	
90)	Pentachloroethane	16.81	167	1655	-7.00 ug/L	77
91)	1,2,4-Trimethylbenzene	0.00	105		N.D.	
92)	s-Butylbenzene	0.00	105		N.D.	
93)	1,3-Dichlorobenzene	0.00	146		N.D.	
94)	p-Isopropyltoluene	0.00	119		N.D.	
95)	1,4-Dichlorobenzene	0.00	146		N.D.	
96)	n-Butylbenzene	0.00	91		N.D.	
97)	1,2-Dichlorobenzene	0.00	146		N.D.	
98)	DBCP	0.00	157		N.D. d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BH\7BH027.D
Acq On : 14 Feb 2007 4:26
Sample : BA00366-icb1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 26 15:31 2007

Vial: 27
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00
Quant Results File: 8260W7B5.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7B5.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Mon Feb 05 11:02:33 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
99)	1,2,4-Trichlorobenzene	0.00	180		N.D.	
100)	Hexachlorobutadiene	0.00	225		N.D.	
101)	Naphthalene	0.00	128		N.D.	
102)	1,2,3-Trichlorobenzene	0.00	180		N.D.	

(#) = qualifier out of range (m) = manual integration

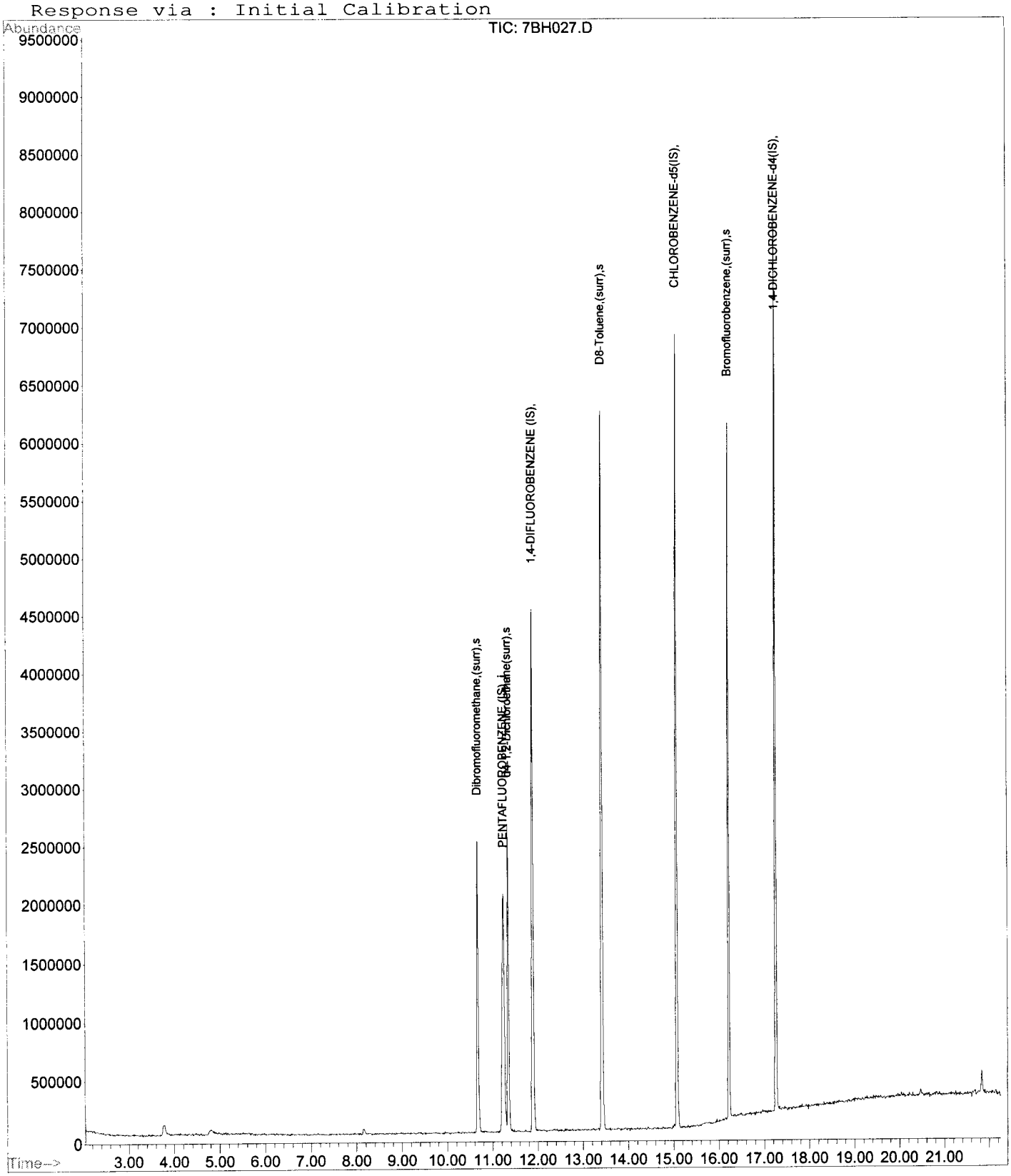
Quantitation Report

Data File : C:\HPCHEM\1\DATA\20077BH\7BH027.D
Acq On : 14 Feb 2007 4:26
Sample : BA00366-icb1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 26 15:31 2007

Vial: 27
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7B5.RES

Method : C:\HPCHEM\1\METHODS\8260W7B5.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Mon Feb 05 11:02:33 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BH\7BH029.D
Acq On : 14 Feb 2007 5:32
Sample : BA00366-cal1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 26 16:29 2007

Vial: 29
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00
Quant Results File: 8260W7B5.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7B5.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Mon Feb 05 11:02:33 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	11.24	168	1901778m	50.00	ug/L	0.03
41) 1,4-DIFLUOROBENZENE (IS)	11.89	114	4082357	50.00	ug/L	0.02
59) CHLOROBENZENE-d5(IS)	15.07	117	3908520	50.00	ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	17.26	152	1673911	50.00	ug/L	0.00
System Monitoring Compounds						
37) Dibromofluoromethane (surr	10.67	113	1540600	55.05	ug/L	0.02
Spiked Amount 50.000 Range 71 - 136 Recovery = 110.10%						
44) d4-1,2-Dichloroethane(surr	11.34	65	1852544	58.71	µg/L	0.02
Spiked Amount 50.000 Range 70 - 130 Recovery = 117.42%						
58) D8-Toluene (surr)	13.42	98	4917682	50.98	ug/L	0.02
Spiked Amount 50.000 Range 75 - 126 Recovery = 101.96%						
79) Bromofluorobenzene (surr)	16.22	95	2110645	55.48	ug/L	0.02
Spiked Amount 50.000 Range 76 - 120 Recovery = 110.96%						

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85		N.D.	d	
3) Chloromethane	0.00	50		N.D.	d	
4) Vinyl Chloride	0.00	62		N.D.	d	
5) Bromomethane	0.00	94		N.D.	d	
6) Chloroethane	0.00	64		N.D.	d	
7) Trichlorofluoromethane	0.00	101		N.D.	d	
8) Diethyl ether	0.00	59		N.D.	d	
9) Ethanol	0.00	45		N.D.	d	
10) 1,2-Dichloro-1,1,2-triflur	0.00	117		N.D.	d	
11) acrolein	0.00	56		N.D.	d	
12) 1,1,2Trichloro-1,2,2triflu	0.00	151		N.D.	d	
13) 1,1-Dichloroethene	0.00	96		N.D.	d	
14) Acetone	0.00	43		N.D.	d	
15) Methyl acetate	0.00	43		N.D.	d	
16) Iodomethane	0.00	142		N.D.	d	
17) Carbon disulfide	0.00	76		N.D.	d	
18) Acetonitrile	0.00	41		N.D.	d	
19) 3-chloropropene	0.00	41		N.D.	d	
20) Methylene Chloride	0.00	84		N.D.	d	
21) Acrylonitrile	9.44	53	9034	0.80	ug/L	81
22) Methyl tert-butyl ether	0.00	73		N.D.	d	
23) t-1,2-Dichloroethene	0.00	96		N.D.	d	
24) 1,1-Dichloroethane	0.00	63		N.D.	d	
25) Vinyl Acetate	0.00	43		N.D.	d	
26) Isopropyl ether	0.00	45		N.D.	d	
27) Chloroprene	0.00	88		N.D.	d	
28) 2-Butanone	0.00	72		N.D.	d	
29) c-1,2-Dichloroethene	0.00	96		N.D.	d	
30) 2,2-Dichloropropane	0.00	77		N.D.	d	
31) Propionitrile	0.00	54		N.D.	d	
32) Methacrylonitrile	0.00	41		N.D.	d	
33) Bromochloromethane	0.00	128		N.D.	d	
34) Cyclohexane	0.00	56		N.D.	d	
35) Chloroform	0.00	83		N.D.	d	
36) Dibromofluoromethane	10.67	113	1540600	55.05	ug/L	67
38) 1,1,1-Trichloroethane	0.00	97		N.D.	d	
39) 1,1-Dichloropropene	0.00	75		N.D.	d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BH\7BH029.D
Acq On : 14 Feb 2007 5:32
Sample : BA00366-cal1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 26 16:29 2007

Vial: 29
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00
Quant Results File: 8260W7B5.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7B5.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Mon Feb 05 11:02:33 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
40) Isobutyl alcohol	0.00	43		N.D. d	
42) Carbon Tetrachloride	0.00	117		N.D. d	
43) d4-1,2-Dichloroethane	11.34	65	1852544	58.71 µg/L #	87
45) 1,2-Dichloroethane	0.00	62		N.D. d	
46) Benzene	0.00	78		N.D. d	
47) Trichloroethene	0.00	130		N.D. d	
48) Methyl cyclohexane	0.00	83		N.D. d	
49) 1,2-Dichloropropane	0.00	63		N.D. d	
50) Methyl methacrylate	0.00	69		N.D. d	
51) 1,4-Dioxane	0.00	88		N.D. d	
52) Dibromomethane	0.00	93		N.D. d	
53) Bromodichloromethane	12.50	83	6647	0.18 ug/L	77
54) 2-Chloroethyl vinyl ether	0.00	63		N.D. d	
55) C-1,3-Dichloropropene	13.20	75	10190	0.24 ug/L #	64
56) 4-Methyl-2-pentanone	0.00	100		N.D. d	
57) D8-Toluene	13.42	98	4917682	50.98 ug/L	95
60) Toluene	0.00	92		N.D. d	
61) T-1,3-Dichloropropene	13.71	75	3667	0.10 ug/L	75
62) Ethyl methacrylate	0.00	69		N.D. d	
63) 1,1,2-Trichloroethane	0.00	97		N.D. d	
64) 1,3-Dichloropropane	0.00	76		N.D. d	
65) Tetrachloroethene	0.00	164		N.D. d	
66) 2-Hexanone	0.00	43		N.D. d	
67) Dibromochloromethane	14.28	129	6767	0.26 ug/L	95
68) 1,2-Dibromoethane	0.00	107		N.D. d	
69) Chlorobenzene	0.00	112		N.D. d	
70) 1,1,1,2-Tetrachloroethane	15.14	131	4172m	0.19 ug/L	86
71) Ethylbenzene	0.00	106		N.D. d	
72) m-xylene & p-xylene	0.00	106		N.D. d	
73) O-Xylene	0.00	106		N.D. d	
74) Styrene	0.00	104		N.D. d	
75) Bromoform	0.00	173		N.D. d	
76) Isopropylbenzene	0.00	105		N.D. d	
77) C-1,4-Dichloro-2-butene	0.00	53		N.D. d	
78) Bromofluorobenzene	16.22	95	2110645	55.48 ug/L #	83
80) 1,1,2,2-Tetrachloroethane	16.36	83	6294	0.20 ug/L #	29
81) Bromobenzene	0.00	156		N.D. d	
82) 1,2,3-Trichloropropane	16.52	75	11820	-2.42 ug/L #	45
83) T-1,4-Dichloro-2-Butene	0.00	53		N.D. d	
84) n-Propylbenzene	0.00	91		N.D. d	
86) 2-Chlorotoluene	0.00	91		N.D. d	
87) 1,3,5-Trimethylbenzene	0.00	105		N.D. d	
88) 4-Chlorotoluene	0.00	91		N.D. d	
89) tert-Butylbenzene	0.00	119		N.D. d	
90) Pentachloroethane	0.00	167		N.D. d	
91) 1,2,4-Trimethylbenzene	0.00	105		N.D. d	
92) s-Butylbenzene	0.00	105		N.D. d	
93) 1,3-Dichlorobenzene	0.00	146		N.D. d	
94) p-Isopropyltoluene	0.00	119		N.D. d	
95) 1,4-Dichlorobenzene	0.00	146		N.D. d	
96) n-Butylbenzene	0.00	91		N.D. d	
97) 1,2-Dichlorobenzene	0.00	146		N.D. d	
98) DBCP	0.00	157		N.D. d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BH\7BH029.D
Acq On : 14 Feb 2007 5:32
Sample : BA00366-cal1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 26 16:29 2007

Vial: 29
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00
Quant Results File: 8260W7B5.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7B5.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Mon Feb 05 11:02:33 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
99)	1,2,4-Trichlorobenzene	0.00	180		N.D.	d	
100)	Hexachlorobutadiene	0.00	225		N.D.	d	
101)	Naphthalene	0.00	128		N.D.	d	
102)	1,2,3-Trichlorobenzene	0.00	180		N.D.	d	

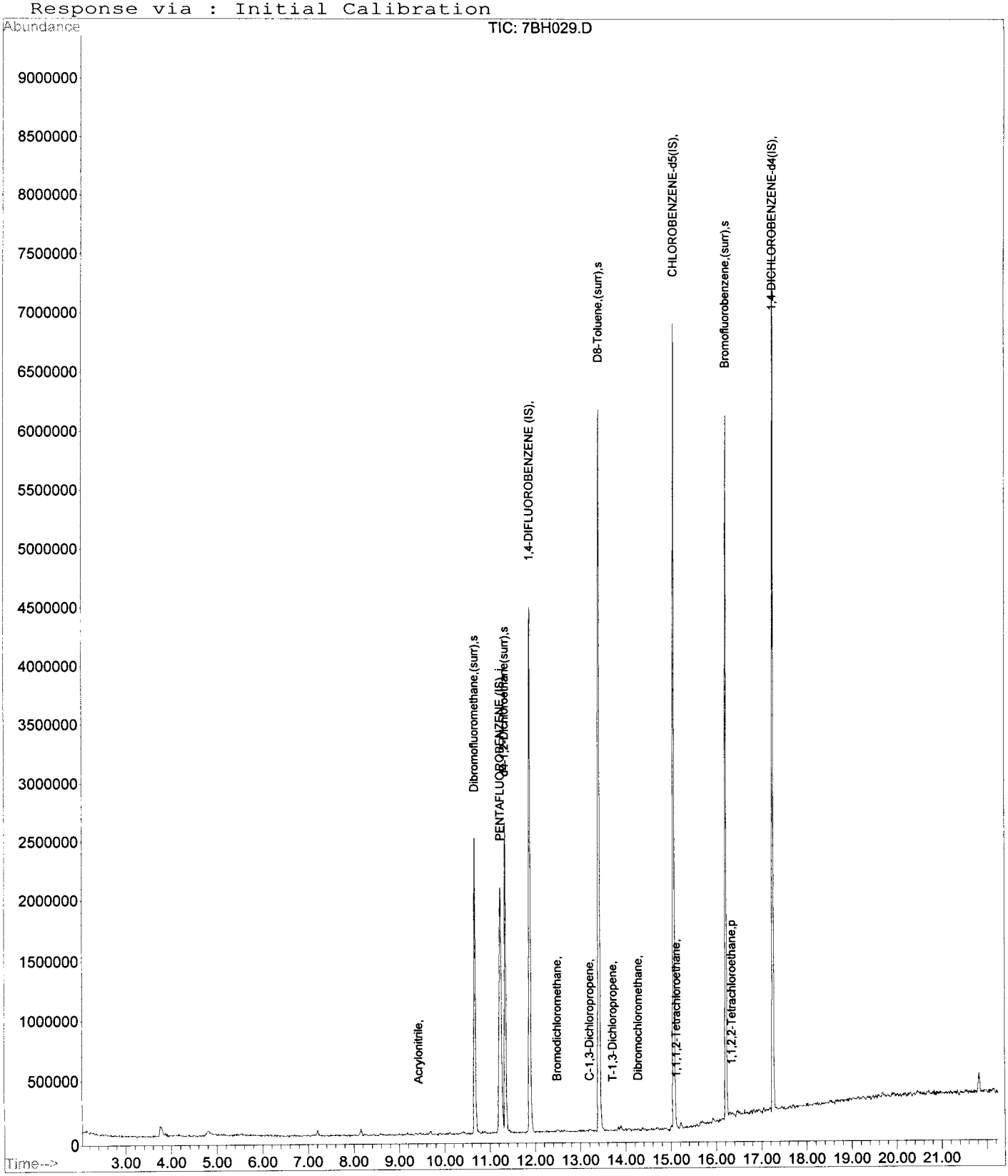
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\20077BH\7BH029.D
Acq On : 14 Feb 2007 5:32
Sample : BA00366-cal1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 26 16:29 2007

Vial: 29
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00
Quant Results File: 8260W7B5.RES

Method : C:\HPCHEM\1\METHODS\8260W7B5.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Mon Feb 05 11:02:33 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BH\7BH031.D Vial: 31
Acq On : 14 Feb 2007 6:37 Operator: jdb
Sample : BA00366-cal2 Inst : JVGCMS1
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 14 17:57 2007 Quant Results File: 8260W7B5.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7B5.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Mon Feb 05 11:02:33 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	11.24	168	1864083	50.00	ug/L	0.03
41) 1,4-DIFLUOROBENZENE (IS)	11.89	114	4079894	50.00	ug/L	0.02
59) CHLOROBENZENE-d5(IS)	15.07	117	3882729	50.00	ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	17.27	152	1673754	50.00	ug/L	0.02
System Monitoring Compounds						
37) Dibromofluoromethane (surr	10.67	113	1509677	55.04	ug/L	0.02
Spiked Amount 50.000 Range 71 - 136 Recovery = 110.08%						
44) d4-1,2-Dichloroethane(surr	11.35	65	1798978	57.05	µg/L	0.03
Spiked Amount 50.000 Range 70 - 130 Recovery = 114.10%						
58) D8-Toluene (surr)	13.43	98	4844654	50.26	ug/L	0.03
Spiked Amount 50.000 Range 75 - 126 Recovery = 100.52%						
79) Bromofluorobenzene (surr)	16.22	95	2136425	56.53	ug/L	0.02
Spiked Amount 50.000 Range 76 - 120 Recovery = 113.06%						

Target Compounds						Qvalue
2) Dichlorodifluoromethane	4.14	85	29069m	1.22	ug/L	95
3) Chloromethane	4.68	50	35106m	1.22	ug/L	82
4) Vinyl Chloride	4.79	62	25298m	1.06	ug/L	86
5) Bromomethane	5.51	94	11827m	1.14	ug/L	18
6) Chloroethane	5.79	64	18744	-3.81	ug/L	92
7) Trichlorofluoromethane	6.09	101	31669	1.14	ug/L	89
8) Diethyl ether	6.71	59	21306	1.20	µg/L #	68
9) Ethanol	6.91	45	9426	-42.83	ug/L	84
10) 1,2-Dichloro-1,1,2-triflur	0.00	117		N.D.	d	
11) acrolein	7.74	56	13256	2.74	ug/L #	54
12) 1,1,2Trichloro-1,2,2triflu	7.19	151	24995	2.06	ug/L #	57
13) 1,1-Dichloroethene	7.11	96	22512	1.15	ug/L	92
14) Acetone	8.23	43	41191	-14.81	ug/L	100
15) Methyl acetate	8.43	43	22412m	1.96	µg/L	91
16) Iodomethane	7.41	142	49214	-7.93	ug/L	96
17) Carbon disulfide	7.20	76	281151	4.87	ug/L	95
18) Acetonitrile	8.99	41	38028	-20.11	ug/L #	70
19) 3-chloropropene	7.98	41	21147m	0.83	ug/L	81
20) Methylene Chloride	8.16	84	56750	-0.71	ug/L	90
21) Acrylonitrile	9.44	53	39092	3.52	ug/L	86
22) Methyl tert-butyl ether	8.60	73	71281	1.15	ug/L	99
23) t-1,2-Dichloroethene	8.43	96	21930	0.96	ug/L #	85
24) 1,1-Dichloroethane	9.37	63	41259	1.09	ug/L	94
25) Vinyl Acetate	9.69	43	129300	4.05	ug/L	98
26) Isopropyl ether	9.18	45	89264	1.16	ug/L #	83
27) Chloroprene	9.35	88	21302	1.09	ug/L	91
28) 2-Butanone	10.82	72	14161	5.83	ug/L	92
29) c-1,2-Dichloroethene	10.10	96	31767	1.22	ug/L	91
30) 2,2-Dichloropropane	10.26	77	21541	0.82	ug/L	97
31) Propionitrile	11.21	54	28633	10.19	ug/L #	69
32) Methacrylonitrile	11.24	41	165468	12.22	ug/L	98
33) Bromochloromethane	10.38	128	11069	1.02	ug/L	87
34) Cyclohexane	10.41	56	37864	1.09	µg/L #	72
35) Chloroform	10.44	83	50372	1.21	ug/L	95
36) Dibromofluoromethane	10.67	113	1509677	55.04	ug/L	79
38) 1,1,1-Trichloroethane	10.75	97	35800	1.16	ug/L	84
39) 1,1-Dichloropropene	10.89	75	29722	0.99	ug/L	86

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BH\7BH031.D
Acq On : 14 Feb 2007 6:37
Sample : BA00366-cal2
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 14 17:57 2007

Vial: 31
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7B5.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7B5.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Mon Feb 05 11:02:33 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
40) Isobutyl alcohol	11.30	43	58720	30.80 ug/L #	60
42) Carbon Tetrachloride	10.66	117	38246	1.32 ug/L #	52
43) d4-1,2-Dichloroethane	11.35	65	1798978	57.05 µg/L #	87
45) 1,2-Dichloroethane	11.43	62	37099m	1.24 ug/L	91
46) Benzene	11.21	78	110254	1.18 ug/L	93
47) Trichloroethene	11.87	130	26447	1.15 ug/L	94
48) Methyl cyclohexane	11.89	83	79922	0.69 µg/L #	71
49) 1,2-Dichloropropane	12.48	63	29299	1.19 ug/L #	81
50) Methyl methacrylate	12.63	69	16081	0.93 ug/L	81
51) 1,4-Dioxane	12.73	88	4893	22.40 ug/L	93
52) Dibromomethane	12.37	93	17970	1.05 ug/L #	69
53) Bromodichloromethane	12.51	83	38310	1.04 ug/L	94
54) 2-Chloroethyl vinyl ether	13.26	63	2823	53.23 ug/L	81
55) C-1,3-Dichloropropene	13.20	75	38894	0.92 ug/L	92
56) 4-Methyl-2-pentanone	13.84	100	16816	4.82 ug/L #	85
57) D8-Toluene	13.43	98	4844654	50.26 ug/L	95
60) Toluene	13.48	92	59802	1.01 ug/L #	84
61) T-1,3-Dichloropropene	13.89	75	36227	1.01 ug/L #	58
62) Ethyl methacrylate	13.98	69	36836	1.11 ug/L	90
63) 1,1,2-Trichloroethane	14.08	97	24237	1.08 ug/L	91
64) 1,3-Dichloropropane	14.37	76	43453	1.05 ug/L	89
65) Tetrachloroethene	13.90	164	26522	1.81 ug/L	94
66) 2-Hexanone	14.70	43	75971	4.83 ug/L	95
67) Dibromochloromethane	14.28	129	24865	0.97 ug/L	91
68) 1,2-Dibromoethane	14.57	107	24636	1.03 ug/L	91
69) Chlorobenzene	15.10	112	61628	1.04 ug/L	93
70) 1,1,1,2-Tetrachloroethane	15.14	131	21354	0.99 ug/L	96
71) Ethylbenzene	15.08	106	30770	1.00 ug/L #	72
72) m-xylene & p-xylene	15.22	106	69731	1.87 ug/L	78
73) O-Xylene	15.66	106	38013	1.01 ug/L	85
74) Styrene	15.70	104	63477m	0.95 ug/L	92
75) Bromoform	15.77	173	13703	1.02 ug/L	92
76) Isopropylbenzene	15.93	105	79278	0.98 ug/L	96
77) C-1,4-Dichloro-2-butene	16.25	53	8035m	-2.55 ug/L	1
78) Bromofluorobenzene	16.22	95	2136425	56.53 ug/L #	83
80) 1,1,2,2-Tetrachloroethane	16.36	83	30858	1.01 ug/L	88
81) Bromobenzene	16.35	156	19744	0.89 ug/L #	70
82) 1,2,3-Trichloropropane	16.52	75	46996	-1.42 ug/L #	48
83) T-1,4-Dichloro-2-Butene	16.53	53	9461	-3.10 ug/L #	84
84) n-Propylbenzene	16.30	91	108890	0.96 ug/L	96
86) 2-Chlorotoluene	16.49	91	85845	1.09 ug/L	92
87) 1,3,5-Trimethylbenzene	16.46	105	69187	0.91 ug/L	82
88) 4-Chlorotoluene	16.64	91	74833	1.08 ug/L	95
89) tert-Butylbenzene	16.77	119	62132	1.06 ug/L	94
90) Pentachloroethane	16.73	167	1027	-7.17 ug/L	81
91) 1,2,4-Trimethylbenzene	16.83	105	84601	1.10 ug/L	97
92) s-Butylbenzene	16.94	105	98650	1.09 ug/L	100
93) 1,3-Dichlorobenzene	17.20	146	39433m	0.97 ug/L	97
94) p-Isopropyltoluene	17.05	119	73837	1.01 ug/L	96
95) 1,4-Dichlorobenzene	17.27	146	39675m	0.95 ug/L	94
96) n-Butylbenzene	17.45	91	78434	1.07 ug/L	93
97) 1,2-Dichlorobenzene	17.70	146	44021	1.12 ug/L	93
98) DBCP	18.51	157	5343m	1.11 ug/L	87

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BH\7BH031.D
Acq On : 14 Feb 2007 6:37
Sample : BA00366-cal2
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 14 17:57 2007

Vial: 31
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7B5.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7B5.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Mon Feb 05 11:02:33 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
99)	1,2,4-Trichlorobenzene	19.26	180	22297	0.95 ug/L	#	83
100)	Hexachlorobutadiene	19.17	225	4025	0.63 ug/L	#	1
101)	Naphthalene	19.69	128	71086	1.21 ug/L		95
102)	1,2,3-Trichlorobenzene	19.92	180	21442	1.00 ug/L		91

(#) = qualifier out of range (m) = manual integration

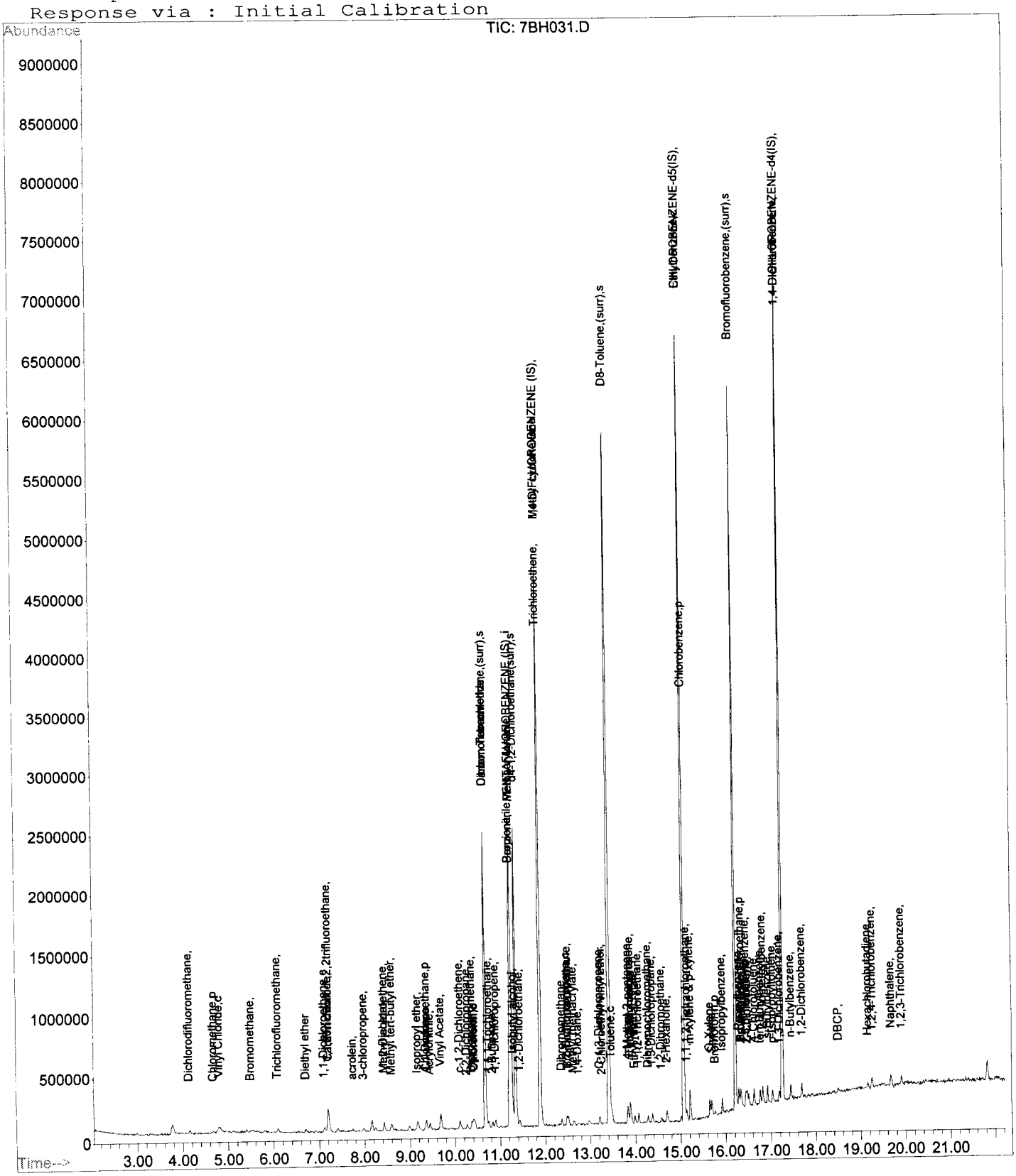
Quantitation Report

Data File : C:\HPCHEM\1\DATA\20077BH\7BH031.D
Acq On : 14 Feb 2007 6:37
Sample : BA00366-cal2
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 14 17:57 2007

Vial: 31
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7B5.RES

Method : C:\HPCHEM\1\METHODS\8260W7B5.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Mon Feb 05 11:02:33 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BH\7BH032.D
Acq On : 14 Feb 2007 7:10
Sample : BA00366-cal3
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 14 17:58 2007

Vial: 32
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7B5.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7B5.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Mon Feb 05 11:02:33 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	11.23	168	1843910	50.00 ug/L	0.02
41) 1,4-DIFLUOROBENZENE (IS)	11.89	114	3979376	50.00 ug/L	0.02
59) CHLOROBENZENE-d5(IS)	15.07	117	3868444	50.00 ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	17.26	152	1666637	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	10.67	113	1544593	56.93 ug/L	0.02
Spiked Amount 50.000 Range 71 - 136			Recovery	= 113.86%	
44) d4-1,2-Dichloroethane(surr	11.34	65	1805882	58.71 µg/L	0.02
Spiked Amount 50.000 Range 70 - 130			Recovery	= 117.42%	
58) D8-Toluene (surr)	13.42	98	4817570	51.24 ug/L	0.02
Spiked Amount 50.000 Range 75 - 126			Recovery	= 102.48%	
79) Bromofluorobenzene (surr)	16.22	95	2085883	55.39 ug/L	0.02
Spiked Amount 50.000 Range 76 - 120			Recovery	= 110.78%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	4.15	85	145447	6.19 ug/L	95
3) Chloromethane	4.66	50	164111	5.79 ug/L	98
4) Vinyl Chloride	4.80	62	154830	6.55 ug/L	93
5) Bromomethane	5.52	94	63394m	6.20 ug/L	93
6) Chloroethane	5.79	64	100762	2.52 ug/L	90
7) Trichlorofluoromethane	6.09	101	179847	6.56 ug/L	97
8) Diethyl ether	6.70	59	101363	5.75 µg/L	89
9) Ethanol	6.91	45	22319	35.02 ug/L	98
10) 1,2-Dichloro-1,1,2-triflur	0.00	117		No Calib #	
11) acrolein	7.74	56	72930	15.23 ug/L	85
12) 1,1,2Trichloro-1,2,2triflu	7.20	151	124505	10.38 ug/L #	57
13) 1,1-Dichloroethene	7.11	96	101763	5.24 ug/L	87
14) Acetone	8.23	43	151779	9.99 ug/L	99
15) Methyl acetate	8.43	43	99834	5.52 µg/L #	96
16) Iodomethane	7.41	142	403789	5.44 ug/L	83
17) Carbon disulfide	7.20	76	1466344	25.68 ug/L	97
18) Acetonitrile	8.97	41	148808	26.98 ug/L	78
19) 3-chloropropene	7.98	41	83393	3.32 ug/L #	74
20) Methylene Chloride	8.15	84	165210	4.03 ug/L	84
21) Acrylonitrile	9.44	53	203772	18.55 ug/L	89
22) Methyl tert-butyl ether	8.59	73	340700	5.54 ug/L	97
23) t-1,2-Dichloroethene	8.43	96	128919	5.72 ug/L	92
24) 1,1-Dichloroethane	9.36	63	219601	5.88 ug/L	96
25) Vinyl Acetate	9.68	43	527252	16.68 ug/L	96
26) Isopropyl ether	9.17	45	420422	5.55 ug/L #	88
27) Chloroprene	9.35	88	101636	5.26 ug/L	97
28) 2-Butanone	10.82	72	57259	23.83 ug/L	89
29) c-1,2-Dichloroethene	10.10	96	129744	5.05 ug/L	96
30) 2,2-Dichloropropane	10.27	77	114377	4.38 ug/L	91
31) Propionitrile	11.20	54	152242	54.77 ug/L #	29
32) Methacrylonitrile	11.23	41	709718	52.97 ug/L	100
33) Bromochloromethane	10.37	128	63321	5.89 ug/L	96
34) Cyclohexane	10.40	56	192984	5.61 µg/L #	70
35) Chloroform	10.43	83	236900	5.76 ug/L	99
36) Dibromofluoromethane	10.67	113	1544593	56.93 ug/L	79
38) 1,1,1-Trichloroethane	10.74	97	183899	6.01 ug/L	88
39) 1,1-Dichloropropene	10.89	75	159995	5.37 ug/L	91

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BH\7BH032.D
Acq On : 14 Feb 2007 7:10
Sample : BA00366-cal3
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 14 17:58 2007

Vial: 32
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7B5.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7B5.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Mon Feb 05 11:02:33 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
40) Isobutyl alcohol	11.28	43	200207	106.15 ug/L #	52
42) Carbon Tetrachloride	10.65	117	153909	5.46 ug/L	88
43) d4-1,2-Dichloroethane	11.34	65	1805882	58.71 µg/L #	90
45) 1,2-Dichloroethane	11.42	62	169998	5.83 ug/L #	13
46) Benzene	11.20	78	459894	5.05 ug/L	99
47) Trichloroethene	11.86	130	109516	4.86 ug/L	92
48) Methyl cyclohexane	11.88	83	214092	4.74 µg/L	95
49) 1,2-Dichloropropane	12.47	63	126233	5.27 ug/L	93
50) Methyl methacrylate	12.63	69	78878	4.66 ug/L	86
51) 1,4-Dioxane	12.72	88	19446	91.29 ug/L	96
52) Dibromomethane	12.36	93	87372	5.24 ug/L #	70
53) Bromodichloromethane	12.50	83	198047	5.54 ug/L	98
54) 2-Chloroethyl vinyl ether	13.08	63	9368	54.14 ug/L	94
55) C-1,3-Dichloropropene	13.20	75	207479	5.05 ug/L	92
56) 4-Methyl-2-pentanone	13.83	100	71675	21.05 ug/L #	55
57) D8-Toluene	13.42	98	4817570	51.24 ug/L	95
60) Toluene	13.48	92	276578	4.70 ug/L	96
61) T-1,3-Dichloropropene	13.88	75	173759	4.88 ug/L	86
62) Ethyl methacrylate	13.98	69	151799	4.60 ug/L	92
63) 1,1,2-Trichloroethane	14.07	97	109162	4.90 ug/L	95
64) 1,3-Dichloropropane	14.37	76	207912	5.04 ug/L	98
65) Tetrachloroethene	13.90	164	125281	5.62 ug/L #	82
66) 2-Hexanone	14.69	43	348609	22.24 ug/L	98
67) Dibromochloromethane	14.27	129	129145	5.03 ug/L	98
68) 1,2-Dibromoethane	14.57	107	118240	4.98 ug/L	99
69) Chlorobenzene	15.09	112	292658	4.94 ug/L	94
70) 1,1,1,2-Tetrachloroethane	15.14	131	99922	4.67 ug/L	93
71) Ethylbenzene	15.07	106	147208	4.79 ug/L	79
72) m-xylene & p-xylene	15.22	106	359625	9.68 ug/L	87
73) O-Xylene	15.65	106	185178	4.94 ug/L	97
74) Styrene	15.69	104	325227m	4.89 ug/L	87
75) Bromoform	15.77	173	57551	4.29 ug/L	95
76) Isopropylbenzene	15.93	105	419443	5.20 ug/L	93
77) C-1,4-Dichloro-2-butene	16.24	53	37105	0.77 ug/L #	1
78) Bromofluorobenzene	16.22	95	2085883	55.39 ug/L #	82
80) 1,1,2,2-Tetrachloroethane	16.35	83	143781	4.71 ug/L	97
81) Bromobenzene	16.34	156	103932	4.70 ug/L	96
82) 1,2,3-Trichloropropane	16.52	75	197497	2.87 ug/L #	46
83) T-1,4-Dichloro-2-Butene	16.52	53	42629	1.20 ug/L #	95
84) n-Propylbenzene	16.30	91	615582	5.47 ug/L	87
86) 2-Chlorotoluene	16.48	91	431057	5.48 ug/L	97
87) 1,3,5-Trimethylbenzene	16.46	105	398390	5.26 ug/L	99
88) 4-Chlorotoluene	16.64	91	382028	5.56 ug/L	93
89) tert-Butylbenzene	16.77	119	315245	5.38 ug/L	97
90) Pentachloroethane	16.83	167	1621	-7.00 ug/L #	70
91) 1,2,4-Trimethylbenzene	16.82	105	427503	5.58 ug/L	97
92) s-Butylbenzene	16.93	105	480495	5.33 ug/L	92
93) 1,3-Dichlorobenzene	17.20	146	208551	5.14 ug/L	93
94) p-Isopropyltoluene	17.05	119	363425	4.99 ug/L	96
95) 1,4-Dichlorobenzene	17.28	146	201768	4.84 ug/L	87
96) n-Butylbenzene	17.45	91	391662	5.38 ug/L	94
97) 1,2-Dichlorobenzene	17.70	146	206075	5.28 ug/L	94
98) DBCP	18.51	157	25788	5.38 ug/L	85

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BH\7BH032.D
Acq On : 14 Feb 2007 7:10
Sample : BA00366-cal3
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 14 17:58 2007

Vial: 32
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00
Quant Results File: 8260W7B5.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7B5.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Mon Feb 05 11:02:33 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
99)	1,2,4-Trichlorobenzene	19.25	180	107284	4.57 ug/L	94
100)	Hexachlorobutadiene	19.16	225	27351	4.29 ug/L	81
101)	Naphthalene	19.68	128	296014	5.07 ug/L	99
102)	1,2,3-Trichlorobenzene	19.91	180	103237	4.81 ug/L	89

(#) = qualifier out of range (m) = manual integration

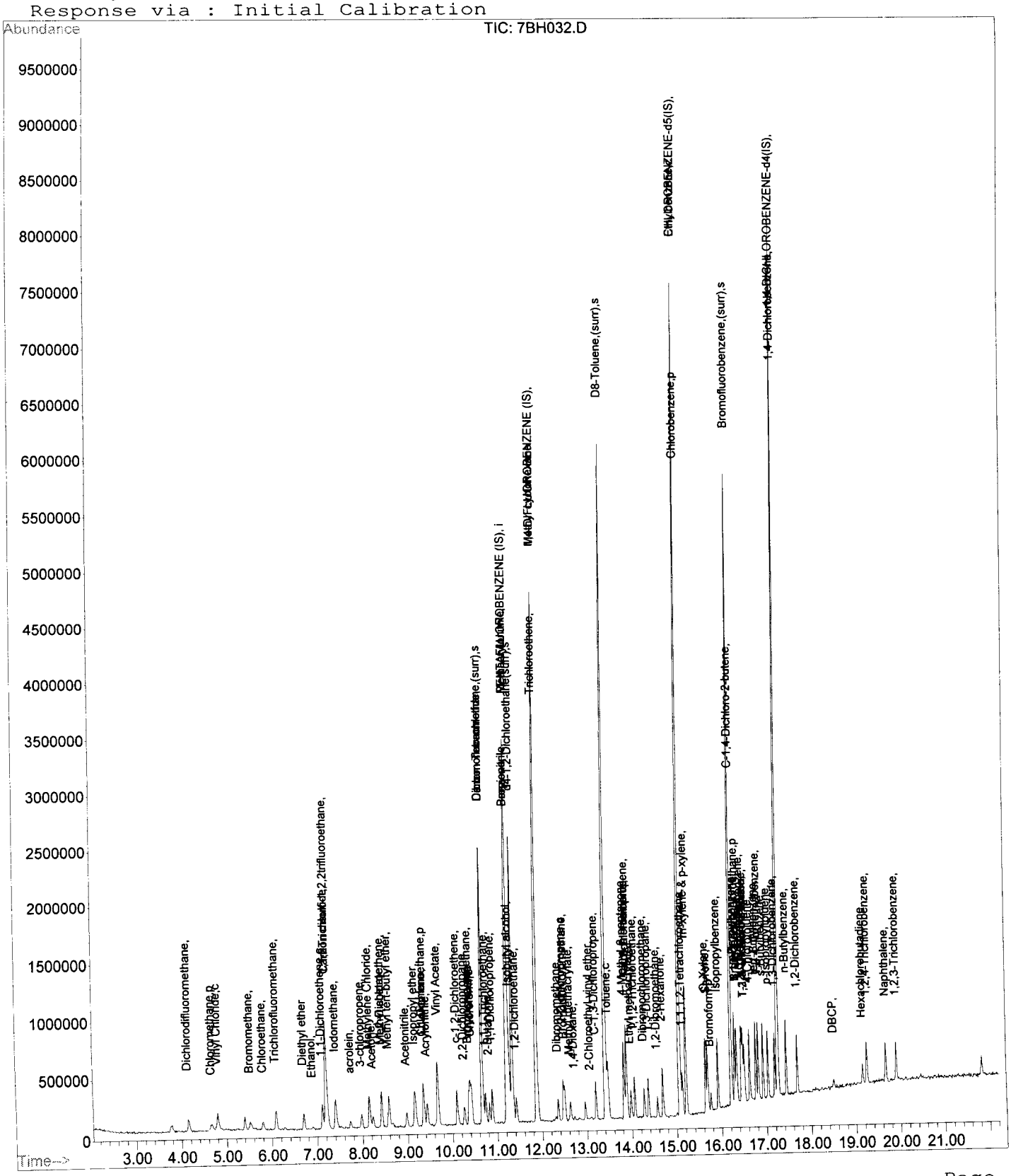
Quantitation Report

Data File : C:\HPCHEM\1\DATA\20077BH\7BH032.D
Acq On : 14 Feb 2007 7:10
Sample : BA00366-cal3
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 14 17:58 2007

Vial: 32
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7B5.RES

Method : C:\HPCHEM\1\METHODS\8260W7B5.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Mon Feb 05 11:02:33 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BH\7BH033.D
Acq On : 14 Feb 2007 7:42
Sample : BA00366-cal4
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 27 10:08 2007

Vial: 33
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7B5.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7B5.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Mon Feb 05 11:02:33 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	11.24	168	1807233	50.00 ug/L	0.02
41) 1,4-DIFLUOROBENZENE (IS)	11.89	114	3944268	50.00 ug/L	0.01
59) CHLOROBENZENE-d5(IS)	15.07	117	3866708	50.00 ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	17.26	152	1699168	50.00 ug/L	0.01
System Monitoring Compounds					
37) Dibromofluoromethane (surr	10.67	113	1493591	56.16 ug/L	0.01
Spiked Amount 50.000 Range 71 - 136 Recovery = 112.32%					
44) d4-1,2-Dichloroethane(surr	11.35	65	1730003	56.75 µg/L	0.02
Spiked Amount 50.000 Range 70 - 130 Recovery = 113.50%					
58) D8-Toluene (surr)	13.41	98	4786698	51.36 ug/L	0.01
Spiked Amount 50.000 Range 75 - 126 Recovery = 102.72%					
79) Bromofluorobenzene (surr)	16.22	95	2109034	56.03 ug/L	0.01
Spiked Amount 50.000 Range 76 - 120 Recovery = 112.06%					

Target Compounds					Qvalue
2) Dichlorodifluoromethane	4.15	85	548837	23.85 ug/L	96
3) Chloromethane	4.66	50	614334	22.10 ug/L	96
4) Vinyl Chloride	4.80	62	567359	24.48 ug/L	92
5) Bromomethane	5.52	94	245657	24.51 ug/L	93
6) Chloroethane	5.79	64	344774	21.86 ug/L	93
7) Trichlorofluoromethane	6.09	101	673713	25.06 ug/L	98
8) Diethyl ether	6.69	59	484688	28.04 µg/L	86
9) Ethanol	6.89	45	83152	409.60 ug/L	88
10) 1,2-Dichloro-1,1,2-triflur	7.39	117		No Calib #	
11) acrolein	7.73	56	304861	64.96 ug/L	98
12) 1,1,2Trichloro-1,2,2triflu	7.20	151	574979	48.90 ug/L #	58
13) 1,1-Dichloroethene	7.12	96	440988	23.15 ug/L	94
14) Acetone	8.23	43	704810	136.74 ug/L	97
15) Methyl acetate	8.42	43	445028	21.74 µg/L #	91
16) Iodomethane	7.40	142	2565362	88.80 ug/L	84
17) Carbon disulfide	7.21	76	6851644	122.43 ug/L	97
18) Acetonitrile	8.98	41	630660	236.45 ug/L	92
19) 3-chloropropene	7.98	41	486276	19.76 ug/L #	94
20) Methylene Chloride	8.15	84	617181	24.22 ug/L	94
21) Acrylonitrile	9.44	53	826440	76.77 ug/L	95
22) Methyl tert-butyl ether	8.58	73	1470248	24.41 ug/L	98
23) t-1,2-Dichloroethene	8.43	96	516224	23.38 ug/L	97
24) 1,1-Dichloroethane	9.37	63	888362	24.25 ug/L	97
25) Vinyl Acetate	9.69	43	2567584	82.89 ug/L	100
26) Isopropyl ether	9.16	45	1752858	23.60 ug/L	89
27) Chloroprene	9.35	88	444353	23.45 ug/L	93
28) 2-Butanone	10.82	72	284414	120.76 ug/L	86
29) c-1,2-Dichloroethene	10.10	96	557092	22.12 ug/L	95
30) 2,2-Dichloropropane	10.27	77	490280	19.15 ug/L	99
31) Propionitrile	11.20	54	627210	230.22 ug/L	66
32) Methacrylonitrile	11.23	41	3044031	231.80 ug/L	98
33) Bromochloromethane	10.36	128	234023	22.22 ug/L	100
34) Cyclohexane	10.39	56	918307	27.24 µg/L #	76
35) Chloroform	10.43	83	977336	24.26 ug/L	99
36) Dibromofluoromethane	10.67	113	1493591	56.16 ug/L	79
38) 1,1,1-Trichloroethane	10.74	97	761103	25.40 ug/L	87
39) 1,1-Dichloropropene	10.89	75	710414	24.33 ug/L	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BH\7BH033.D
Acq On : 14 Feb 2007 7:42
Sample : BA00366-cal4
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 27 10:08 2007

Vial: 33
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7B5.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7B5.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Mon Feb 05 11:02:33 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
40) Isobutyl alcohol	11.29	43	786926	425.71 ug/L #	59
42) Carbon Tetrachloride	10.66	117	645822	23.12 ug/L	99
43) d4-1,2-Dichloroethane	11.35	65	1730003	56.75 µg/L #	88
45) 1,2-Dichloroethane	11.43	62	708289	24.50 ug/L #	15
46) Benzene	11.21	78	1890736	20.97 ug/L	98
47) Trichloroethene	11.86	130	517293	23.18 ug/L	95
48) Methyl cyclohexane	11.89	83	809138	22.64 µg/L	94
49) 1,2-Dichloropropane	12.47	63	519719	21.87 ug/L	90
50) Methyl methacrylate	12.63	69	355750	21.21 ug/L	94
51) 1,4-Dioxane	12.72	88	94577	447.95 ug/L	96
52) Dibromomethane	12.35	93	361920	21.88 ug/L #	78
53) Bromodichloromethane	12.51	83	826457	23.31 ug/L	99
54) 2-Chloroethyl vinyl ether	13.09	63	228839	84.80 ug/L	92
55) C-1,3-Dichloropropene	13.20	75	878236	21.56 ug/L	93
56) 4-Methyl-2-pentanone	13.83	100	380355	112.71 ug/L #	65
57) D8-Toluene	13.41	98	4786698	51.36 ug/L	95
60) Toluene	13.47	92	1170704	19.91 ug/L	97
61) T-1,3-Dichloropropene	13.88	75	721928	20.30 ug/L	100
62) Ethyl methacrylate	13.99	69	714127	21.65 ug/L	88
63) 1,1,2-Trichloroethane	14.06	97	489570	21.99 ug/L	97
64) 1,3-Dichloropropane	14.37	76	899410	21.83 ug/L	100
65) Tetrachloroethene	13.90	164	540731	21.64 ug/L	86
66) 2-Hexanone	14.69	43	1890175	120.66 ug/L	98
67) Dibromochloromethane	14.28	129	542893	21.17 ug/L	100
68) 1,2-Dibromoethane	14.57	107	507074	21.36 ug/L	99
69) Chlorobenzene	15.10	112	1207382	20.38 ug/L	98
70) 1,1,1,2-Tetrachloroethane	15.14	131	462897	21.62 ug/L	97
71) Ethylbenzene	15.08	106	628867	20.46 ug/L	78
72) m-xylene & p-xylene	15.21	106	1589927	42.83 ug/L	95
73) O-Xylene	15.65	106	800140	21.36 ug/L	96
74) Styrene	15.70	104	1375230m	20.68 ug/L	96
75) Bromoform	15.77	173	277826	20.73 ug/L	95
76) Isopropylbenzene	15.92	105	1845509	22.90 ug/L	94
77) C-1,4-Dichloro-2-butene	16.25	53	172453	16.26 ug/L #	1
78) Bromofluorobenzene	16.22	95	2109034	56.03 ug/L #	83
80) 1,1,2,2-Tetrachloroethane	16.36	83	570661	18.71 ug/L	99
81) Bromobenzene	16.35	156	456957	20.69 ug/L	99
82) 1,2,3-Trichloropropane	16.51	75	823761	20.69 ug/L #	45
83) T-1,4-Dichloro-2-Butene	16.52	53	178109	18.77 ug/L #	95
84) n-Propylbenzene	16.30	91	2552262	22.68 ug/L	92
86) 2-Chlorotoluene	16.48	91	1796750	22.42 ug/L	96
87) 1,3,5-Trimethylbenzene	16.45	105	1705137	22.08 ug/L	100
88) 4-Chlorotoluene	16.63	91	1656312	23.64 ug/L	96
89) tert-Butylbenzene	16.77	119	1325908	22.19 ug/L	96
90) Pentachloroethane	16.84	167	5256	-6.01 ug/L	85
91) 1,2,4-Trimethylbenzene	16.83	105	1805391	23.13 ug/L	100
92) s-Butylbenzene	16.94	105	2107066	22.91 ug/L	91
93) 1,3-Dichlorobenzene	17.19	146	878631	21.25 ug/L	97
94) p-Isopropyltoluene	17.04	119	1613356	21.74 ug/L	95
95) 1,4-Dichlorobenzene	17.27	146	900270	21.19 ug/L	96
96) n-Butylbenzene	17.45	91	1674341	22.56 ug/L	94
97) 1,2-Dichlorobenzene	17.69	146	838650	21.08 ug/L	96
98) DBCP	18.51	157	98919m	20.25 ug/L	88

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BH\7BH033.D
Acq On : 14 Feb 2007 7:42
Sample : BA00366-cal4
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 27 10:08 2007

Vial: 33
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7B5.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7B5.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Mon Feb 05 11:02:33 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
99)	1,2,4-Trichlorobenzene	19.26	180	461847	19.30 ug/L	96
100)	Hexachlorobutadiene	19.16	225	118721	18.27 ug/L	100
101)	Naphthalene	19.68	128	1354829	22.74 ug/L	99
102)	1,2,3-Trichlorobenzene	19.92	180	433567	19.83 ug/L	97

(#) = qualifier out of range (m) = manual integration

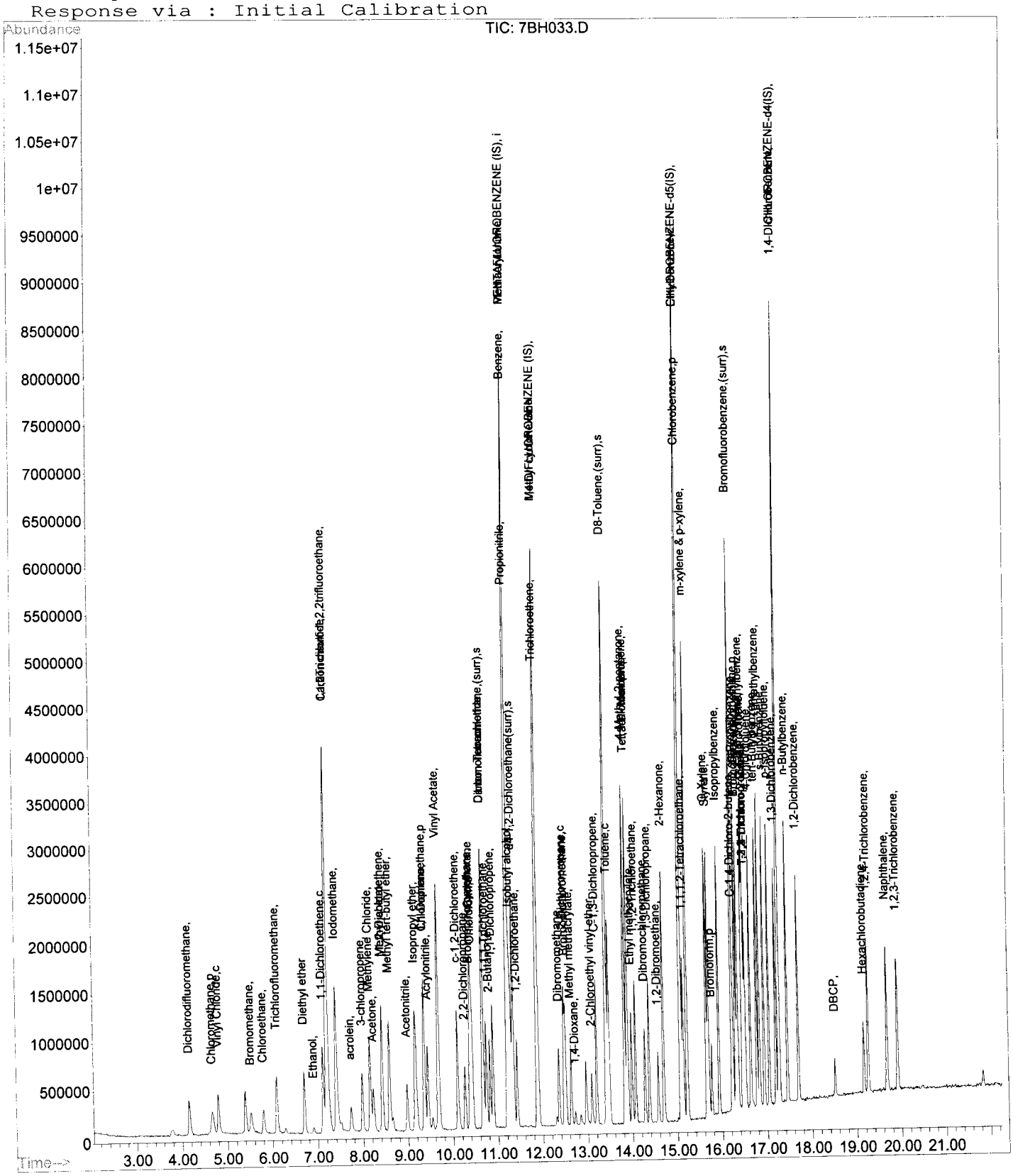
Quantitation Report

Data File : C:\HPCHEM\1\DATA\20077BH\7BH033.D
Acq On : 14 Feb 2007 7:42
Sample : BA00366-cal4
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 27 10:08 2007

Vial: 33
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7B5.RES

Method : C:\HPCHEM\1\METHODS\8260W7B5.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Mon Feb 05 11:02:33 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BH\7BH034.D
Acq On : 14 Feb 2007 8:15
Sample : BA00366-cal5
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 14 18:00 2007

Vial: 34
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00
Quant Results File: 8260W7B5.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7B5.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Mon Feb 05 11:02:33 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	11.23	168	1611501	50.00	ug/L	0.02
41) 1,4-DIFLUOROBENZENE (IS)	11.88	114	3584226	50.00	ug/L	0.00
59) CHLOROBENZENE-d5(IS)	15.07	117	3483338	50.00	ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	17.26	152	1562100	50.00	ug/L	0.00
System Monitoring Compounds						
37) Dibromofluoromethane (surr	10.66	113	1349889	56.93	ug/L	0.00
Spiked Amount 50.000 Range 71 - 136 Recovery = 113.86%						
44) d4-1,2-Dichloroethane(surr	11.34	65	1557289	56.21	µg/L	0.02
Spiked Amount 50.000 Range 70 - 130 Recovery = 112.42%						
58) D8-Toluene (surr)	13.42	98	4371241	51.62	ug/L	0.02
Spiked Amount 50.000 Range 75 - 126 Recovery = 103.24%						
79) Bromofluorobenzene (surr)	16.21	95	1899620	56.03	ug/L	0.00
Spiked Amount 50.000 Range 76 - 120 Recovery = 112.06%						
Target Compounds						Qvalue
2) Dichlorodifluoromethane	4.15	85	1508993	73.52	ug/L	97
3) Chloromethane	4.65	50	1669248	67.35	ug/L	98
4) Vinyl Chloride	4.79	62	1516140	73.37	ug/L	95
5) Bromomethane	5.52	94	551161	61.66	ug/L	96
6) Chloroethane	5.79	64	903143	74.36	ug/L	92
7) Trichlorofluoromethane	6.10	101	1806059	75.35	ug/L	99
8) Diethyl ether	6.70	59	1004475	65.17	µg/L	86
9) Ethanol	6.90	45	214444	1371.38	ug/L	91
10) 1,2-Dichloro-1,1,2-triflur	0.00	117		No Calib	#	
11) acrolein	7.73	56	687466	164.27	ug/L	92
12) 1,1,2Trichloro-1,2,2triflu	7.19	151	1357846	129.51	ug/L #	64
13) 1,1-Dichloroethene	7.12	96	1113685	65.58	ug/L	99
14) Acetone	8.22	43	1424508	340.23	ug/L	96
15) Methyl acetate	8.41	43	1000742	53.39	µg/L #	88
16) Iodomethane	7.41	142	6690938	278.53	ug/L	84
17) Carbon disulfide	7.20	76	14856082	297.70	ug/L	99
18) Acetonitrile	8.97	41	1372921	629.19	ug/L	93
19) 3-chloropropene	7.98	41	1368545	62.37	ug/L #	93
20) Methylene Chloride	8.16	84	1383253	65.64	ug/L	91
21) Acrylonitrile	9.43	53	1819294	189.53	ug/L	92
22) Methyl tert-butyl ether	8.58	73	3384954	63.03	ug/L	97
23) t-1,2-Dichloroethene	8.42	96	1268051	64.41	ug/L	97
24) 1,1-Dichloroethane	9.37	63	2098759	64.25	ug/L	98
25) Vinyl Acetate	9.68	43	5355641	193.90	ug/L	98
26) Isopropyl ether	9.16	45	4157154	62.76	ug/L	90
27) Chloroprene	9.35	88	1086741	64.32	ug/L	97
28) 2-Butanone	10.81	72	580144	276.24	ug/L	85
29) c-1,2-Dichloroethene	10.10	96	1402405	62.44	ug/L	93
30) 2,2-Dichloropropane	10.26	77	1196219	52.40	ug/L	94
31) Propionitrile	11.21	54	1358434	559.18	ug/L	79
32) Methacrylonitrile	11.23	41	6472957	552.77	ug/L	99
33) Bromochloromethane	10.37	128	541720	57.68	ug/L	100
34) Cyclohexane	10.40	56	1894987	63.05	µg/L #	75
35) Chloroform	10.43	83	2334115	64.99	ug/L	98
36) Dibromofluoromethane	10.66	113	1349889	56.93	ug/L	80
38) 1,1,1-Trichloroethane	10.74	97	1902666	71.20	ug/L	87
39) 1,1-Dichloropropene	10.89	75	1733114	66.55	ug/L	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BH\7BH034.D
Acq On : 14 Feb 2007 8:15
Sample : BA00366-cal5
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 14 18:00 2007

Vial: 34
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7B5.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7B5.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Mon Feb 05 11:02:33 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
40) Isobutyl alcohol	11.28	43	1832784	1111.92 ug/L	68
42) Carbon Tetrachloride	10.65	117	1625445	64.03 ug/L	98
43) d4-1,2-Dichloroethane	11.34	65	1557289	56.21 µg/L #	88
45) 1,2-Dichloroethane	11.42	62	1677550	63.86 ug/L #	15
46) Benzene	11.21	78	4363163	53.24 ug/L	98
47) Trichloroethene	11.86	130	1268929	62.57 ug/L	95
48) Methyl cyclohexane	11.88	83	1687990	54.07 µg/L #	94
49) 1,2-Dichloropropane	12.47	63	1291002	59.79 ug/L	93
50) Methyl methacrylate	12.62	69	823716	54.05 ug/L	91
51) 1,4-Dioxane	12.71	88	230025	1198.93 ug/L	93
52) Dibromomethane	12.36	93	880475	58.59 ug/L #	75
53) Bromodichloromethane	12.50	83	1966595	61.04 ug/L	98
54) 2-Chloroethyl vinyl ether	13.08	63	1041915	212.95 ug/L	94
55) C-1,3-Dichloropropene	13.19	75	2111052	57.04 ug/L	93
56) 4-Methyl-2-pentanone	13.83	100	837021	272.95 ug/L #	81
57) D8-Toluene	13.42	98	4371241	51.62 ug/L	94
60) Toluene	13.48	92	2894559	54.65 ug/L	99
61) T-1,3-Dichloropropene	13.88	75	1722139	53.76 ug/L	99
62) Ethyl methacrylate	13.98	69	1622722	54.61 ug/L	93
63) 1,1,2-Trichloroethane	14.07	97	1090488	54.37 ug/L	93
64) 1,3-Dichloropropane	14.37	76	2106069	56.74 ug/L	100
65) Tetrachloroethene	13.89	164	1296706	56.29 ug/L	84
66) 2-Hexanone	14.69	43	3837907	271.96 ug/L	97
67) Dibromochloromethane	14.28	129	1321217	57.18 ug/L	97
68) 1,2-Dibromoethane	14.57	107	1196783	55.96 ug/L	97
69) Chlorobenzene	15.09	112	2976151	55.78 ug/L	98
70) 1,1,1,2-Tetrachloroethane	15.13	131	1110239	57.57 ug/L	100
71) Ethylbenzene	15.07	106	1511953	54.60 ug/L	80
72) m-xylene & p-xylene	15.22	106	3905069	116.78 ug/L	95
73) O-Xylene	15.65	106	1943742	57.60 ug/L	97
74) Styrene	15.69	104	3409150m	56.91 ug/L	94
75) Bromoform	15.76	173	670742	55.56 ug/L	98
76) Isopropylbenzene	15.93	105	4372455	60.23 ug/L	96
77) C-1,4-Dichloro-2-butene	16.24	53	421151	50.00 ug/L #	1
78) Bromofluorobenzene	16.21	95	1899620	56.03 ug/L	83
80) 1,1,2,2-Tetrachloroethane	16.35	83	1311338	47.73 ug/L	95
81) Bromobenzene	16.34	156	1122787	56.42 ug/L	100
82) 1,2,3-Trichloropropane	16.52	75	1913494	57.68 ug/L #	47
83) T-1,4-Dichloro-2-Butene	16.52	53	409416	54.60 ug/L #	98
84) n-Propylbenzene	16.30	91	6114002	60.31 ug/L	93
86) 2-Chlorotoluene	16.48	91	4387462	59.55 ug/L	97
87) 1,3,5-Trimethylbenzene	16.45	105	4173485	58.79 ug/L	100
88) 4-Chlorotoluene	16.64	91	3980510	61.79 ug/L	96
89) tert-Butylbenzene	16.77	119	3260052	59.35 ug/L	97
90) Pentachloroethane	16.82	167	7886	-5.09 ug/L	79
91) 1,2,4-Trimethylbenzene	16.82	105	4384429	61.11 ug/L	99
92) s-Butylbenzene	16.93	105	5115716	60.51 ug/L	90
93) 1,3-Dichlorobenzene	17.20	146	2175628	57.23 ug/L	97
94) p-Isopropyltoluene	17.04	119	3979380	58.32 ug/L	95
95) 1,4-Dichlorobenzene	17.28	146	2229813	57.08 ug/L	96
96) n-Butylbenzene	17.45	91	4015737	58.85 ug/L	95
97) 1,2-Dichlorobenzene	17.70	146	2111176	57.73 ug/L	97
98) DBCP	18.51	157	232311m	51.72 ug/L	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BH\7BH034.D
Acq On : 14 Feb 2007 8:15
Sample : BA00366-cal5
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 14 18:00 2007

Vial: 34
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7B5.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7B5.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Mon Feb 05 11:02:33 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
99)	1,2,4-Trichlorobenzene	19.25	180	1187135	53.97 ug/L	96
100)	Hexachlorobutadiene	19.16	225	312508	52.30 ug/L	98
101)	Naphthalene	19.68	128	3346402	61.10 ug/L	99
102)	1,2,3-Trichlorobenzene	19.91	180	1102735	54.86 ug/L	97

(#) = qualifier out of range (m) = manual integration

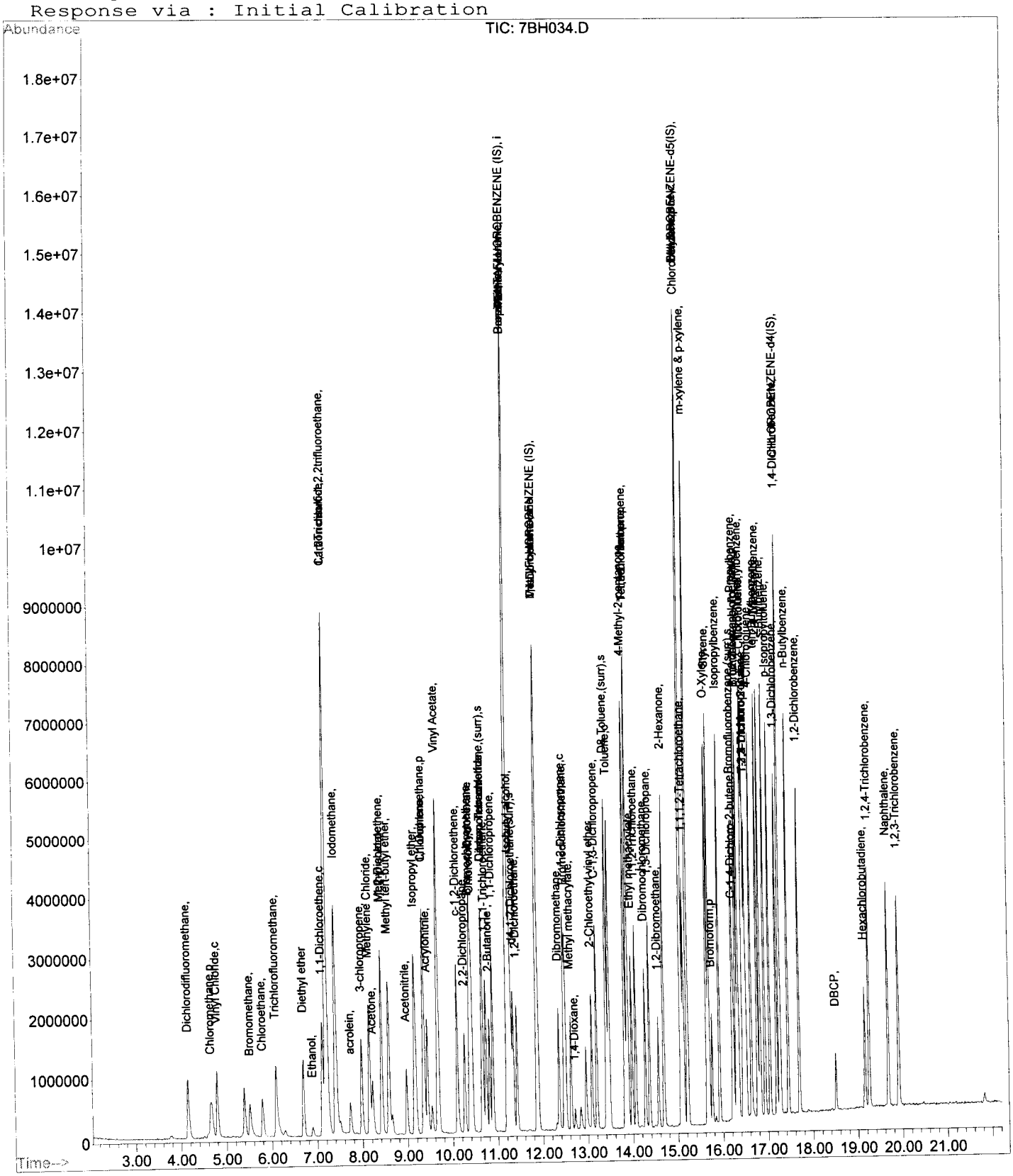
Quantitation Report

Data File : C:\HPCHEM\1\DATA\20077BH\7BH034.D
Acq On : 14 Feb 2007 8:15
Sample : BA00366-cal5
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 14 18:00 2007

Vial: 34
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7B5.RES

Method : C:\HPCHEM\1\METHODS\8260W7B5.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Mon Feb 05 11:02:33 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BH\7BH036.D
Acq On : 14 Feb 2007 9:21
Sample : BA00366-cal6
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 14 18:02 2007

Vial: 36
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7B5.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7B5.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Mon Feb 05 11:02:33 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	11.24	168	1708904	50.00	ug/L	0.03
41) 1,4-DIFLUOROBENZENE (IS)	11.89	114	3713450	50.00	ug/L	0.02
59) CHLOROBENZENE-d5(IS)	15.07	117	3619937	50.00	ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	17.25	152	1699055	50.00	ug/L	0.00
System Monitoring Compounds						
37) Dibromofluoromethane (surr	10.67	113	1404744	55.86	ug/L	0.02
Spiked Amount 50.000 Range 71 - 136 Recovery = 111.72%						
44) d4-1,2-Dichloroethane(surr	11.34	65	1626993	56.68	µg/L	0.02
Spiked Amount 50.000 Range 70 - 130 Recovery = 113.36%						
58) D8-Toluene (surr)	13.42	98	4657726	53.09	ug/L	0.02
Spiked Amount 50.000 Range 75 - 126 Recovery = 106.18%						
79) Bromofluorobenzene (surr)	16.22	95	2025396	57.48	ug/L	0.02
Spiked Amount 50.000 Range 76 - 120 Recovery = 114.96%						

Target Compounds						Qvalue
2) Dichlorodifluoromethane	4.15	85	3029148	139.18	ug/L	98
3) Chloromethane	4.66	50	3430442m	130.52	ug/L	98
4) Vinyl Chloride	4.80	62	3152286	143.86	ug/L	93
5) Bromomethane	5.52	94	1043908	110.13	ug/L	95
6) Chloroethane	5.78	64	1640319	131.10	ug/L	95
7) Trichlorofluoromethane	6.10	101	3566264	140.31	ug/L	99
8) Diethyl ether	6.70	59	1833631	112.19	µg/L	83
9) Ethanol	6.88	45	382250	2372.39	ug/L	93
10) 1,2-Dichloro-1,1,2-triflur	0.00	117		No Calib	#	
11) acrolein	7.73	56	1225256	276.08	ug/L	99
12) 1,1,2Trichloro-1,2,2triflu	7.20	151	2646451	238.03	ug/L #	69
13) 1,1-Dichloroethene	7.12	96	2136858	118.66	ug/L	96
14) Acetone	8.22	43	2591504	600.79	ug/L	96
15) Methyl acetate	8.41	43	2149031	107.15	µg/L #	91
16) Iodomethane	7.41	142	12072151	480.74	ug/L	83
17) Carbon disulfide	7.20	76	22643436	427.89	ug/L	98
18) Acetonitrile	8.97	41	2549416	1128.84	ug/L	95
19) 3-chloropropene	7.99	41	2403621	103.29	ug/L #	96
20) Methylene Chloride	8.15	84	2601993	118.87	ug/L	98
21) Acrylonitrile	9.43	53	3412589	335.24	ug/L	95
22) Methyl tert-butyl ether	8.58	73	6475714	113.70	ug/L	98
23) t-1,2-Dichloroethene	8.43	96	2392207	114.58	ug/L	95
24) 1,1-Dichloroethane	9.36	63	3896741	112.49	ug/L	97
25) Vinyl Acetate	9.68	43	9059408	309.30	ug/L	96
26) Isopropyl ether	9.16	45	7434758	105.84	ug/L	92
27) Chloroprene	9.34	88	2044560	114.11	ug/L	95
28) 2-Butanone	10.82	72	1061879	476.80	ug/L	88
29) c-1,2-Dichloroethene	10.10	96	2621018	110.04	ug/L	92
30) 2,2-Dichloropropane	10.26	77	2245805	92.77	ug/L	96
31) Propionitrile	11.20	54	2541948	986.72	ug/L	78
32) Methacrylonitrile	11.23	41	10883605	876.45	ug/L	96
33) Bromochloromethane	10.37	128	996039	100.00	ug/L	99
34) Cyclohexane	10.40	56	3492959	109.59	µg/L #	73
35) Chloroform	10.44	83	4389624	115.25	ug/L	98
36) Dibromofluoromethane	10.67	113	1404744	55.86	ug/L	82
38) 1,1,1-Trichloroethane	10.74	97	3658916	129.13	ug/L	87
39) 1,1-Dichloropropene	10.89	75	3219910	116.60	ug/L	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BH\7BH036.D
Acq On : 14 Feb 2007 9:21
Sample : BA00366-cal6
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 14 18:02 2007

Vial: 36
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7B5.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7B5.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Mon Feb 05 11:02:33 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
40) Isobutyl alcohol	11.28	43	3568111	2041.34 ug/L #	67
42) Carbon Tetrachloride	10.65	117	3130187	119.02 ug/L	96
43) d4-1,2-Dichloroethane	11.34	65	1626993	56.68 µg/L #	90
45) 1,2-Dichloroethane	11.43	62	3274420	120.32 ug/L #	16
46) Benzene	11.20	78	7723074	90.96 ug/L	100
47) Trichloroethene	11.86	130	2406792	114.55 ug/L	95
48) Methyl cyclohexane	11.88	83	3150218	98.71 µg/L #	94
49) 1,2-Dichloropropane	12.47	63	2303473	102.97 ug/L	95
50) Methyl methacrylate	12.63	69	1608312	101.87 ug/L	92
51) 1,4-Dioxane	12.71	88	416186	2093.75 ug/L	97
52) Dibromomethane	12.35	93	1665678	106.98 ug/L #	75
53) Bromodichloromethane	12.50	83	3738186	111.98 ug/L	98
54) 2-Chloroethyl vinyl ether	13.09	63	2628293	442.66 ug/L	94
55) C-1,3-Dichloropropene	13.20	75	3886527	101.36 ug/L	94
56) 4-Methyl-2-pentanone	13.83	100	1558630	490.57 ug/L	97
57) D8-Toluene	13.42	98	4657726	53.09 ug/L	96
60) Toluene	13.48	92	5476892	99.51 ug/L	95
61) T-1,3-Dichloropropene	13.88	75	3154789	94.77 ug/L	100
62) Ethyl methacrylate	13.98	69	3096696	100.28 ug/L	94
63) 1,1,2-Trichloroethane	14.07	97	2138685	102.61 ug/L	97
64) 1,3-Dichloropropane	14.37	76	3905884	101.25 ug/L	100
65) Tetrachloroethene	13.89	164	2528353	104.92 ug/L	86
66) 2-Hexanone	14.69	43	6761138	461.03 ug/L	97
67) Dibromochloromethane	14.27	129	2611705	108.77 ug/L	99
68) 1,2-Dibromoethane	14.57	107	2301708	103.57 ug/L	99
69) Chlorobenzene	15.09	112	5517579	99.50 ug/L	98
70) 1,1,1,2-Tetrachloroethane	15.13	131	2213753	110.46 ug/L	99
71) Ethylbenzene	15.08	106	2848540	98.98 ug/L	91
72) m-xylene & p-xylene	15.22	106	7193284	207.00 ug/L	85
73) O-Xylene	15.65	106	3751922m	106.98 ug/L	94
74) Styrene	15.69	104	6497995m	104.38 ug/L	94
75) Bromoform	15.77	173	1354483	107.97 ug/L	98
76) Isopropylbenzene	15.93	105	8004181	106.09 ug/L	99
77) C-1,4-Dichloro-2-butene	16.24	53	818402	96.51 ug/L #	1
78) Bromofluorobenzene	16.22	95	2025396	57.48 ug/L	83
80) 1,1,2,2-Tetrachloroethane	16.36	83	2565170	89.84 ug/L	97
81) Bromobenzene	16.34	156	2202364	106.49 ug/L	99
82) 1,2,3-Trichloropropane	16.52	75	3762545	111.59 ug/L #	46
83) T-1,4-Dichloro-2-Butene	16.52	53	801322	106.65 ug/L #	91
84) n-Propylbenzene	16.30	91	10396086	98.68 ug/L	98
86) 2-Chlorotoluene	16.49	91	8148105	101.68 ug/L	100
87) 1,3,5-Trimethylbenzene	16.46	105	7650526	99.08 ug/L	94
88) 4-Chlorotoluene	16.63	91	7339125	104.74 ug/L	100
89) tert-Butylbenzene	16.77	119	6147740	102.89 ug/L	97
90) Pentachloroethane	16.83	167	15134	-3.28 ug/L	95
91) 1,2,4-Trimethylbenzene	16.83	105	7970927	102.14 ug/L	92
92) s-Butylbenzene	16.93	105	9118594	99.17 ug/L	96
93) 1,3-Dichlorobenzene	17.20	146	4186620	101.25 ug/L	97
94) p-Isopropyltoluene	17.05	119	7289973	98.23 ug/L	98
95) 1,4-Dichlorobenzene	17.27	146	4243955	99.88 ug/L	99
96) n-Butylbenzene	17.45	91	7337718	98.87 ug/L	94
97) 1,2-Dichlorobenzene	17.70	146	4137473	104.03 ug/L	99
98) DBCP	18.51	157	483831m	99.04 ug/L	80

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BH\7BH036.D
Acq On : 14 Feb 2007 9:21
Sample : BA00366-cal6
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 14 18:02 2007

Vial: 36
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7B5.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7B5.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Mon Feb 05 11:02:33 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
99)	1,2,4-Trichlorobenzene	19.25	180	2335015	97.61	ug/L	97
100)	Hexachlorobutadiene	19.16	225	628333	96.68	ug/L	97
101)	Naphthalene	19.67	128	6506504	109.22	ug/L	99
102)	1,2,3-Trichlorobenzene	19.91	180	2198927	100.58	ug/L	97

(#) = qualifier out of range (m) = manual integration

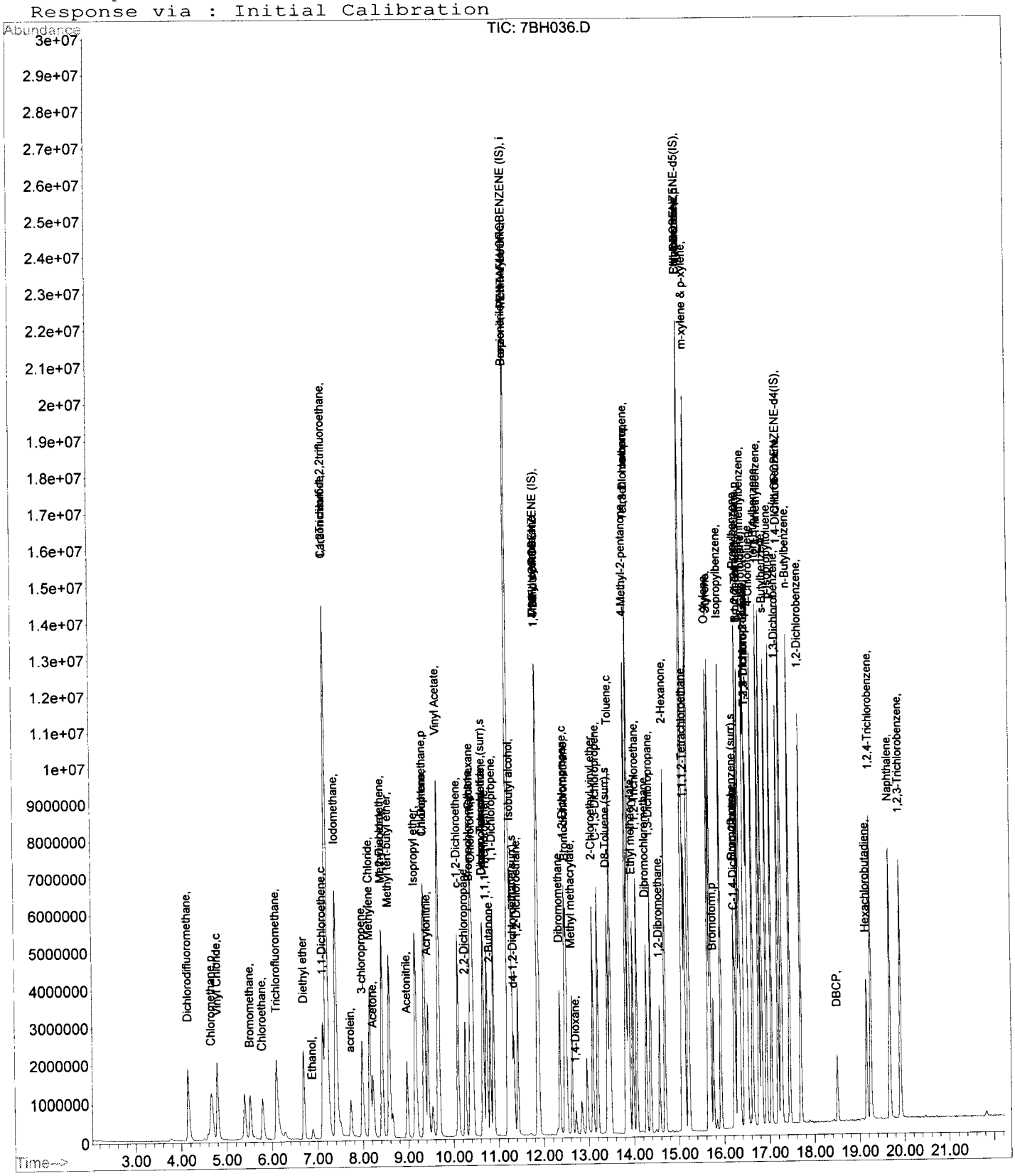
Quantitation Report

Data File : C:\HPCHEM\1\DATA\20077BH\7BH036.D
Acq On : 14 Feb 2007 9:21
Sample : BA00366-cal6
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 14 18:02 2007

Vial: 36
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7B5.RES

Method : C:\HPCHEM\1\METHODS\8260W7B5.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Mon Feb 05 11:02:33 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BH\7BH039.D
Acq On : 14 Feb 2007 10:59
Sample : BA00366-cal7
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 14 18:03 2007

Vial: 39
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7B5.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7B5.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Mon Feb 05 11:02:33 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	11.24	168	1576966	50.00	ug/L	0.02
41) 1,4-DIFLUOROBENZENE (IS)	11.88	114	3487946	50.00	ug/L	0.00
59) CHLOROBENZENE-d5(IS)	15.07	117	3306962	50.00	ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	17.26	152	1713405	50.00	ug/L	0.00
System Monitoring Compounds						
37) Dibromofluoromethane (surr	10.67	113	1363005	58.74	ug/L	0.02
Spiked Amount 50.000 Range 71 - 136 Recovery = 117.48%						
44) d4-1,2-Dichloroethane(surr	11.34	65	1510354	56.02	µg/L	0.02
Spiked Amount 50.000 Range 70 - 130 Recovery = 112.04%						
58) D8-Toluene (surr)	13.42	98	4442729	53.91	ug/L	0.02
Spiked Amount 50.000 Range 75 - 126 Recovery = 107.82%						
79) Bromofluorobenzene (surr)	16.22	95	1958696	60.85	ug/L	0.02
Spiked Amount 50.000 Range 76 - 120 Recovery = 121.70%#						

Target Compounds						Qvalue
2) Dichlorodifluoromethane	4.15	85	5761710	286.88	ug/L	100
3) Chloromethane	4.67	50	6481085m	267.21	ug/L	98
4) Vinyl Chloride	4.79	62	5813145	287.48	ug/L	94
5) Bromomethane	5.51	94	1858620	212.48	ug/L	100
6) Chloroethane	5.77	64	2500056	219.94	ug/L	95
7) Trichlorofluoromethane	6.09	101	6427062	274.02	ug/L	99
8) Diethyl ether	6.70	59	3134694	207.84	µg/L #	82
9) Ethanol	6.90	45	841255	5794.66	ug/L	97
10) 1,2-Dichloro-1,1,2-triflur	0.00	117		No Calib	#	
11) acrolein	7.72	56	2244707	548.11	ug/L	97
12) 1,1,2Trichloro-1,2,2triflu	7.19	151	5269172	513.58	ug/L #	81
13) 1,1-Dichloroethene	7.12	96	3940391	237.11	ug/L	90
14) Acetone	8.22	43	5296118	1359.59	ug/L	99
15) Methyl acetate	8.41	43	4943661	265.68	µg/L #	91
16) Iodomethane	7.41	142	21265259	926.55	ug/L	79
17) Carbon disulfide	7.20	76	31911171	653.48	ug/L	90
18) Acetonitrile	8.97	41	4845874	2363.38	ug/L	95
19) 3-chloropropene	7.99	41	3670536	170.94	ug/L #	93
20) Methylene Chloride	8.16	84	4534133	227.27	ug/L	97
21) Acrylonitrile	9.43	53	6440537	685.64	ug/L	96
22) Methyl tert-butyl ether	8.58	73	11426535	217.42	ug/L	98
23) t-1,2-Dichloroethene	8.43	96	4301201	223.26	ug/L	92
24) 1,1-Dichloroethane	9.38	63	6963520	217.84	ug/L	99
25) Vinyl Acetate	9.68	43	13222121	489.18	ug/L	94
26) Isopropyl ether	9.16	45	12337143	190.33	ug/L	95
27) Chloroprene	9.35	88	3733614	225.82	ug/L	95
28) 2-Butanone	10.81	72	2310680	1124.33	ug/L	98
29) c-1,2-Dichloroethene	10.10	96	4831036	219.80	ug/L	89
30) 2,2-Dichloropropane	10.26	77	3797911	170.01	ug/L	98
31) Propionitrile	11.21	54	4592959	1932.03	ug/L	85
32) Methacrylonitrile	11.24	41	16299611	1422.42	ug/L	92
33) Bromochloromethane	10.37	128	1778897	193.54	ug/L	99
34) Cyclohexane	10.40	56	5921028	201.31	µg/L #	66
35) Chloroform	10.43	83	7812405	222.28	ug/L	94
36) Dibromofluoromethane	10.67	113	1363005	58.74	ug/L	84
38) 1,1,1-Trichloroethane	10.74	97	6848280	261.90	ug/L	87
39) 1,1-Dichloropropene	10.89	75	5848261	229.49	ug/L	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BH\7BH039.D
Acq On : 14 Feb 2007 10:59
Sample : BA00366-cal7
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 14 18:03 2007

Vial: 39
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7B5.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7B5.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Mon Feb 05 11:02:33 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
40) Isobutyl alcohol	11.30	43	6873384	4261.31 ug/L	70
42) Carbon Tetrachloride	10.65	117	6044740	244.70 ug/L	97
43) d4-1,2-Dichloroethane	11.34	65	1510354	56.02 µg/L #	88
45) 1,2-Dichloroethane	11.42	62	5808228	227.22 ug/L #	16
46) Benzene	11.21	78	11814351	148.14 ug/L	96
47) Trichloroethene	11.86	130	4555421	230.84 ug/L	96
48) Methyl cyclohexane	11.88	83	5776268	194.24 µg/L #	90
49) 1,2-Dichloropropane	12.47	63	4016958	191.18 ug/L	96
50) Methyl methacrylate	12.63	69	3150657	212.46 ug/L	98
51) 1,4-Dioxane	12.71	88	970803	5199.68 ug/L	91
52) Dibromomethane	12.36	93	3104993	212.31 ug/L #	79
53) Bromodichloromethane	12.50	83	6700289	213.69 ug/L	96
54) 2-Chloroethyl vinyl ether	13.09	63	5961725	994.22 ug/L	97
55) C-1,3-Dichloropropene	13.20	75	6789561	188.52 ug/L	94
56) 4-Methyl-2-pentanone	13.83	100	3152286	1056.31 ug/L #	71
57) D8-Toluene	13.42	98	4442729	53.91 ug/L	96
60) Toluene	13.48	92	9753994	193.99 ug/L	86
61) T-1,3-Dichloropropene	13.88	75	5645598	185.64 ug/L	99
62) Ethyl methacrylate	13.98	69	6017692	213.32 ug/L	93
63) 1,1,2-Trichloroethane	14.07	97	4032892	211.81 ug/L	98
64) 1,3-Dichloropropane	14.37	76	7066469	200.52 ug/L	98
65) Tetrachloroethene	13.89	164	4710371	213.14 ug/L	87
66) 2-Hexanone	14.69	43	12123397	904.91 ug/L	91
67) Dibromochloromethane	14.28	129	5143971	234.51 ug/L	100
68) 1,2-Dibromoethane	14.57	107	4452983	219.34 ug/L	97
69) Chlorobenzene	15.09	112	9331036	184.20 ug/L	97
70) 1,1,1,2-Tetrachloroethane	15.13	131	4173079	227.93 ug/L	99
71) Ethylbenzene	15.07	106	5125909	194.97 ug/L	85
72) m-xylene & p-xylene	15.22	106	11870615	373.93 ug/L #	64
73) O-Xylene	15.65	106	6754962m	210.84 ug/L	80
74) Styrene	15.69	104	10788086m	189.69 ug/L	99
75) Bromoform	15.77	173	2890214	252.19 ug/L	98
76) Isopropylbenzene	15.93	105	12528469	181.77 ug/L	90
77) C-1,4-Dichloro-2-butene	16.24	53	1641183	215.99 ug/L #	21
78) Bromofluorobenzene	16.22	95	1958696	60.85 ug/L	84
80) 1,1,2,2-Tetrachloroethane	16.36	83	4838172	185.48 ug/L	97
81) Bromobenzene	16.34	156	4235848	224.20 ug/L	100
82) 1,2,3-Trichloropropane	16.52	75	7087061	232.99 ug/L #	49
83) T-1,4-Dichloro-2-Butene	16.52	53	1567409	233.30 ug/L #	95
84) n-Propylbenzene	16.30	91	14338845	148.99 ug/L	84
86) 2-Chlorotoluene	16.49	91	13343027	165.11 ug/L	91
87) 1,3,5-Trimethylbenzene	16.46	105	12107414	155.49 ug/L	83
88) 4-Chlorotoluene	16.64	91	11695204	165.50 ug/L	90
89) tert-Butylbenzene	16.77	119	10789936	179.07 ug/L	95
90) Pentachloroethane	16.83	167	19790	-2.04 ug/L	95
91) 1,2,4-Trimethylbenzene	16.83	105	12629829	160.48 ug/L	81
92) s-Butylbenzene	16.93	105	13351825	143.99 ug/L	91
93) 1,3-Dichlorobenzene	17.20	146	7750464	185.87 ug/L	98
94) p-Isopropyltoluene	17.05	119	11807244	157.77 ug/L	92
95) 1,4-Dichlorobenzene	17.28	146	7846220	183.12 ug/L	98
96) n-Butylbenzene	17.45	91	11674083	155.99 ug/L	91
97) 1,2-Dichlorobenzene	17.70	146	7601865	189.53 ug/L	97
98) DBCP	18.52	157	1117524m	226.84 ug/L	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BH\7BH039.D
Acq On : 14 Feb 2007 10:59
Sample : BA00366-cal7
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 14 18:03 2007

Vial: 39
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7B5.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7B5.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Mon Feb 05 11:02:33 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
99)	1,2,4-Trichlorobenzene	19.25	180	4693959	194.57 ug/L	98
100)	Hexachlorobutadiene	19.17	225	1282518	195.70 ug/L	100
101)	Naphthalene	19.68	128	12323925	205.14 ug/L	97
102)	1,2,3-Trichlorobenzene	19.91	180	4378293	198.58 ug/L	97

(#) = qualifier out of range (m) = manual integration

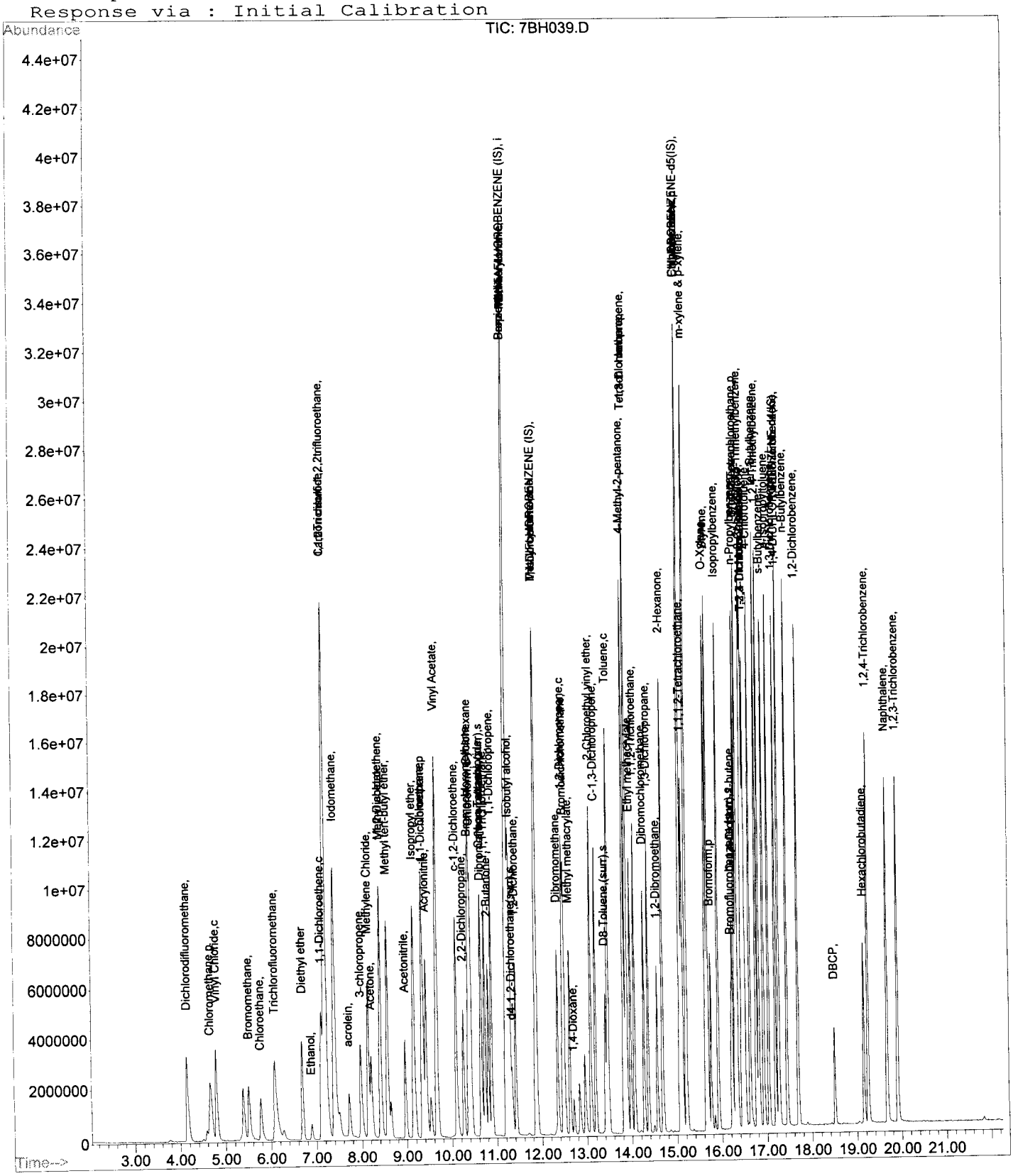
Quantitation Report

Data File : C:\HPCHEM\1\DATA\20077BH\7BH039.D
Acq On : 14 Feb 2007 10:59
Sample : BA00366-cal7
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 14 18:03 2007

Vial: 39
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7B5.RES

Method : C:\HPCHEM\1\METHODS\8260W7B5.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Mon Feb 05 11:02:33 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BH\7BH042.D
Acq On : 14 Feb 2007 12:37
Sample : BA00366-icv1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 26 15:54 2007

Vial: 42
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	11.23	168	1697542m	50.00 ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	11.88	114	3592896	50.00 ug/L	0.00
59) CHLOROBENZENE-d5(IS)	15.07	117	3501520	50.00 ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	17.25	152	1579883	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	10.67	113	1394726	49.51 ug/L	0.00
Spiked Amount 50.000	Range	71 - 136	Recovery	= 99.02%	
44) d4-1,2-Dichloroethane(surr	11.34	65	1614291	50.85 µg/L	0.00
Spiked Amount 50.000	Range	70 - 130	Recovery	= 101.70%	
58) D8-Toluene (surr)	13.42	98	4401536	50.07 ug/L	0.00
Spiked Amount 50.000	Range	75 - 126	Recovery	= 100.14%	
79) Bromofluorobenzene (surr)	16.22	95	1970615	50.87 ug/L	0.00
Spiked Amount 50.000	Range	76 - 120	Recovery	= 101.74%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	4.15	85	451369	15.75 ug/L	96
3) Chloromethane	4.65	50	600199	18.45 ug/L	95
4) Vinyl Chloride	4.80	62	556128	19.32 ug/L	96
5) Bromomethane	5.53	94	251918	22.91 ug/L	95
6) Chloroethane	5.79	64	348008	20.76 ug/L	97
7) Trichlorofluoromethane	6.09	101	727669	21.65 ug/L	98
8) Diethyl ether	6.70	59	378456	19.40 µg/L #	83
9) Ethanol	6.90	45	16561	115.18 ug/L	79
10) 1,2-Dichloro-1,1,2-triflur	0.00	117		No Calib #	
11) acrolein	7.73	56	242050	92.44 ug/L	99
12) 1,1,2Trichloro-1,2,2triflu	7.19	151	240353	18.50 ug/L	13
13) 1,1-Dichloroethene	7.11	96	392988	18.74 ug/L	97
14) Acetone	8.23	43	314048	53.25 ug/L	97
15) Methyl acetate	8.41	43	282999	13.19 µg/L	91
16) Iodomethane	7.40	142	403219	6.39 ug/L	85
17) Carbon disulfide	7.20	76	1494307	26.96 ug/L	98
18) Acetonitrile	8.98	41	65758	22.94 ug/L	95
19) 3-chloropropene	7.98	41	474161	18.90 ug/L	70
20) Methylene Chloride	8.15	84	538156	18.12 ug/L	96
21) Acrylonitrile	9.44	53	151850	20.51 ug/L	97
22) Methyl tert-butyl ether	8.59	73	1285329	19.58 ug/L	100
23) t-1,2-Dichloroethene	8.43	96	466494	19.77 ug/L	97
24) 1,1-Dichloroethane	9.36	63	834679	20.86 ug/L	97
25) Vinyl Acetate	9.68	43	544467	25.29 ug/L	93
26) Isopropyl ether	9.17	45	1542878	19.74 ug/L	89
27) Chloroprene	9.35	88	348544	17.10 ug/L	97
28) 2-Butanone	10.82	72	127898	53.29 ug/L	89
29) c-1,2-Dichloroethene	10.10	96	514896	19.24 ug/L	88
30) 2,2-Dichloropropane	10.26	77	397205	18.10 ug/L	86
31) Propionitrile	11.20	54	54592	20.20 ug/L #	1
32) Methacrylonitrile	11.23	41	294247	22.00 ug/L	93
33) Bromochloromethane	10.37	128	216500	20.42 ug/L	95
34) Cyclohexane	0.00	56		N.D.	
35) Chloroform	10.43	83	879407	19.53 ug/L	98
36) Dibromofluoromethane	10.67	113	1394726	49.51 ug/L	79
38) 1,1,1-Trichloroethane	10.74	97	721526	20.09 ug/L	87
39) 1,1-Dichloropropene	10.89	75	638738	20.18 ug/L	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BH\7BH042.D
Acq On : 14 Feb 2007 12:37
Sample : BA00366-icv1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 26 15:54 2007

Vial: 42
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
40) Isobutyl alcohol	11.28	43	452853	242.92 ug/L	78
42) Carbon Tetrachloride	10.65	117	595878	19.34 ug/L	98
43) d4-1,2-Dichloroethane	11.34	65	1614291	50.85 µg/L #	89
45) 1,2-Dichloroethane	11.42	62	671125	21.10 ug/L #	15
46) Benzene	11.20	78	1716693	21.05 ug/L	100
47) Trichloroethene	11.86	130	459155	19.85 ug/L	94
48) Methyl cyclohexane	11.89	83	61387	-1.57 µg/L #	62
49) 1,2-Dichloropropane	12.47	63	479121	20.37 ug/L	95
50) Methyl methacrylate	12.63	69	307849	19.88 ug/L	93
51) 1,4-Dioxane	12.73	88	4791	22.31 ug/L	76
52) Dibromomethane	12.35	93	326993	20.05 ug/L #	76
53) Bromodichloromethane	12.50	83	671279	19.06 ug/L	94
54) 2-Chloroethyl vinyl ether	13.09	63	28826	52.08 ug/L	85
55) C-1,3-Dichloropropene	13.20	75	770634	19.87 ug/L	96
56) 4-Methyl-2-pentanone	13.83	100	142520	45.89 ug/L #	63
57) D8-Toluene	13.42	98	4401536	50.07 ug/L	95
60) Toluene	13.48	92	1007139	18.89 ug/L	95
61) T-1,3-Dichloropropene	13.88	75	686245	21.21 ug/L	97
62) Ethyl methacrylate	13.98	69	548502	17.55 ug/L	95
63) 1,1,2-Trichloroethane	14.07	97	437248	20.54 ug/L	99
64) 1,3-Dichloropropane	14.37	76	782079	19.96 ug/L	98
65) Tetrachloroethene	13.89	164	483239	19.79 ug/L	82
66) 2-Hexanone	14.69	43	707446	50.06 ug/L	96
67) Dibromochloromethane	14.27	129	475536	18.52 ug/L	95
68) 1,2-Dibromoethane	14.57	107	439757	19.33 ug/L	99
69) Chlorobenzene	15.09	112	1103767	20.33 ug/L	99
70) 1,1,1,2-Tetrachloroethane	15.13	131	390329	18.29 ug/L	97
71) Ethylbenzene	15.08	106	544457	19.45 ug/L	77
72) m-xylene & p-xylene	15.22	106	1444336	42.18 ug/L	99
73) O-Xylene	15.65	106	732384	20.42 ug/L	96
74) Styrene	15.69	104	1233780m	20.18 ug/L	94
75) Bromoform	15.77	173	239525	18.61 ug/L	100
76) Isopropylbenzene	15.93	105	1782319	23.11 ug/L	95
77) C-1,4-Dichloro-2-butene	16.24	53	130199	16.68 ug/L #	1
78) Bromofluorobenzene	16.22	95	1970615	50.87 ug/L #	83
80) 1,1,2,2-Tetrachloroethane	16.36	83	493727	18.71 ug/L	97
81) Bromobenzene	16.34	156	399360	19.38 ug/L	97
82) 1,2,3-Trichloropropane	16.52	75	687590	17.14 ug/L #	47
83) T-1,4-Dichloro-2-Butene	16.52	53	145429	17.96 ug/L #	99
84) n-Propylbenzene	16.30	91	2357698	21.49 ug/L	91
86) 2-Chlorotoluene	16.49	91	1622881	20.62 ug/L	97
87) 1,3,5-Trimethylbenzene	16.46	105	1539203	21.40 ug/L	100
88) 4-Chlorotoluene	16.63	91	1508482	21.41 ug/L	94
89) tert-Butylbenzene	16.77	119	1243210	21.14 ug/L	98
90) Pentachloroethane	16.76	167	1221	-0.66 ug/L	89
91) 1,2,4-Trimethylbenzene	16.83	105	1630741	21.00 ug/L	99
92) s-Butylbenzene	16.94	105	1953587	20.76 ug/L	89
93) 1,3-Dichlorobenzene	17.19	146	835334	21.21 ug/L	97
94) p-Isopropyltoluene	17.05	119	1480929	21.34 ug/L	95
95) 1,4-Dichlorobenzene	17.27	146	845140	21.28 ug/L	99
96) n-Butylbenzene	17.45	91	1492285	20.85 ug/L	94
97) 1,2-Dichlorobenzene	17.70	146	779683	19.84 ug/L	97
98) DBCP	18.51	157	83149	17.26 ug/L	90

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BH\7BH042.D
Acq On : 14 Feb 2007 12:37
Sample : BA00366-icv1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 26 15:54 2007

Vial: 42
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
99)	1,2,4-Trichlorobenzene	19.25	180	443422	20.43 ug/L	98
100)	Hexachlorobutadiene	19.16	225	113277	19.20 ug/L	97
101)	Naphthalene	19.67	128	1243083	20.09 ug/L	100
102)	1,2,3-Trichlorobenzene	19.91	180	390377	19.06 ug/L	95

(#) = qualifier out of range (m) = manual integration

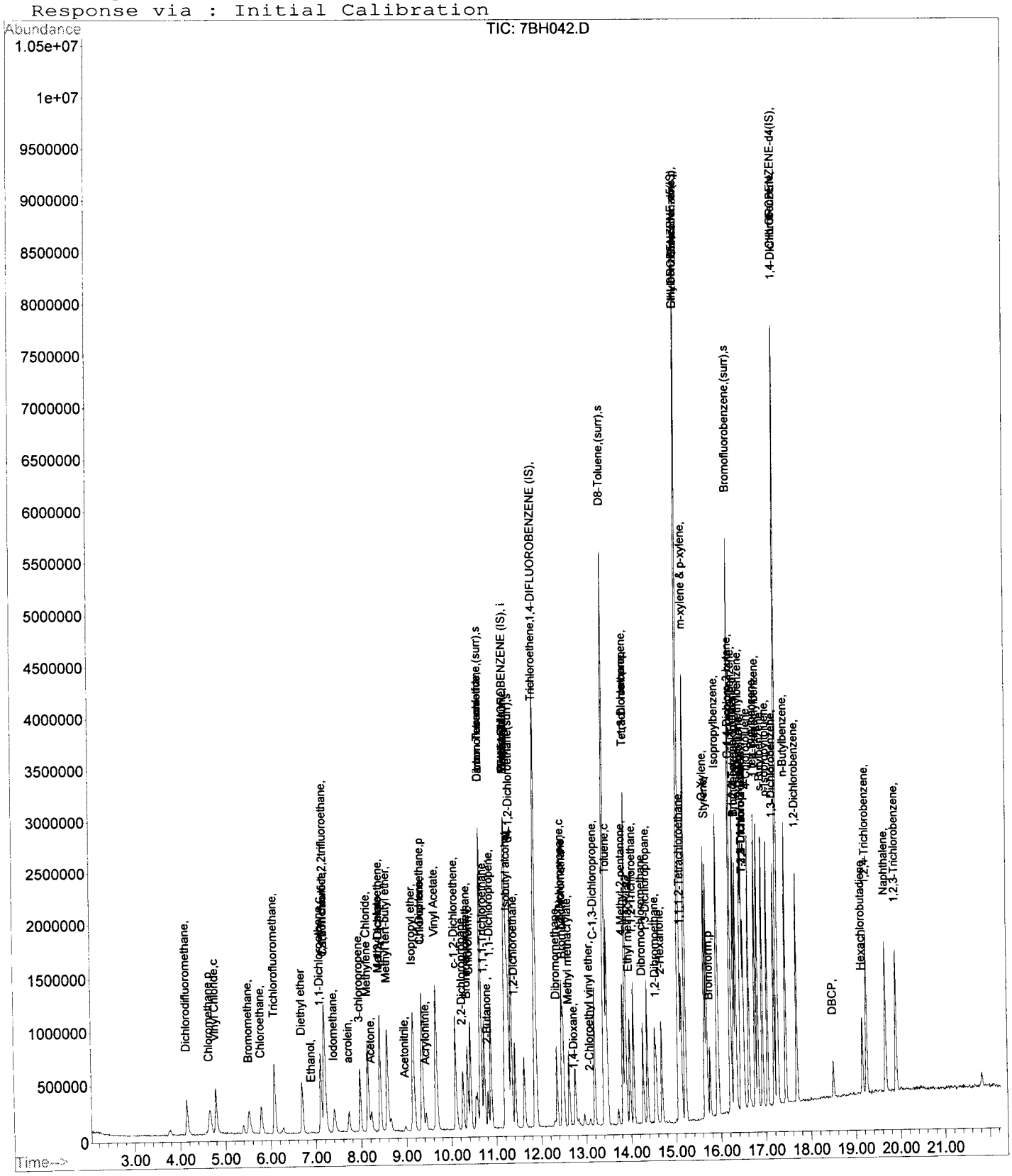
Quantitation Report

Data File : C:\HPCHEM\1\DATA\20077BH\7BH042.D
Acq On : 14 Feb 2007 12:37
Sample : BA00366-icv1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 26 15:54 2007

Vial: 42
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

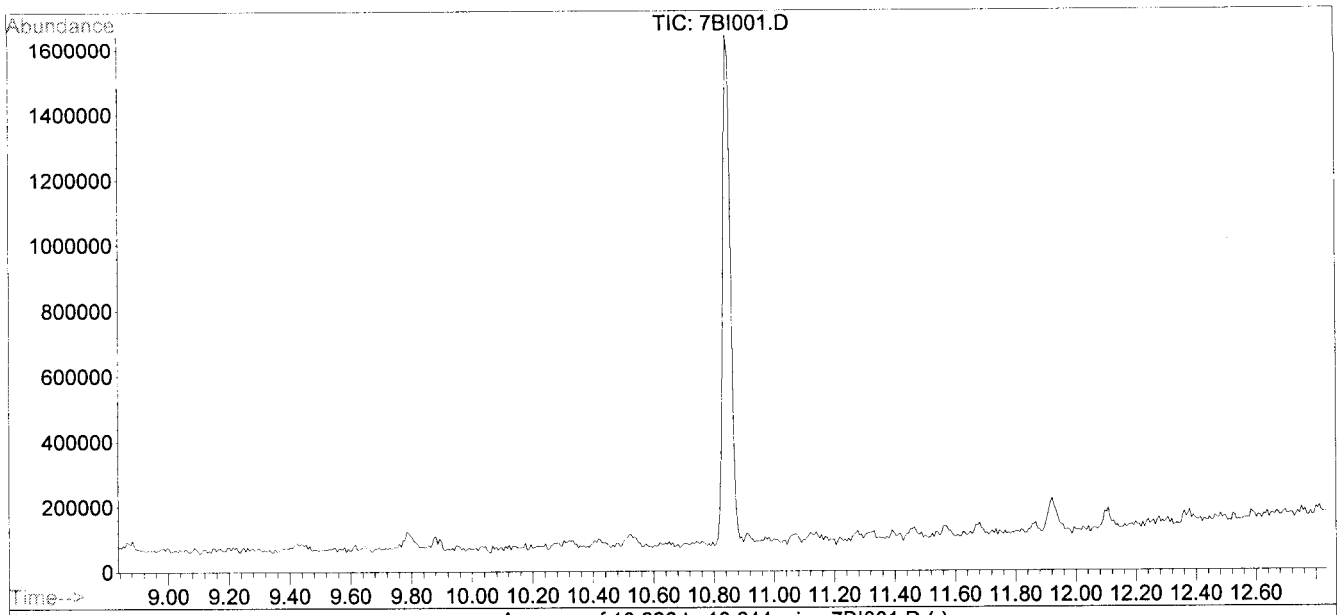
Quant Results File: 8260W7BI.RES

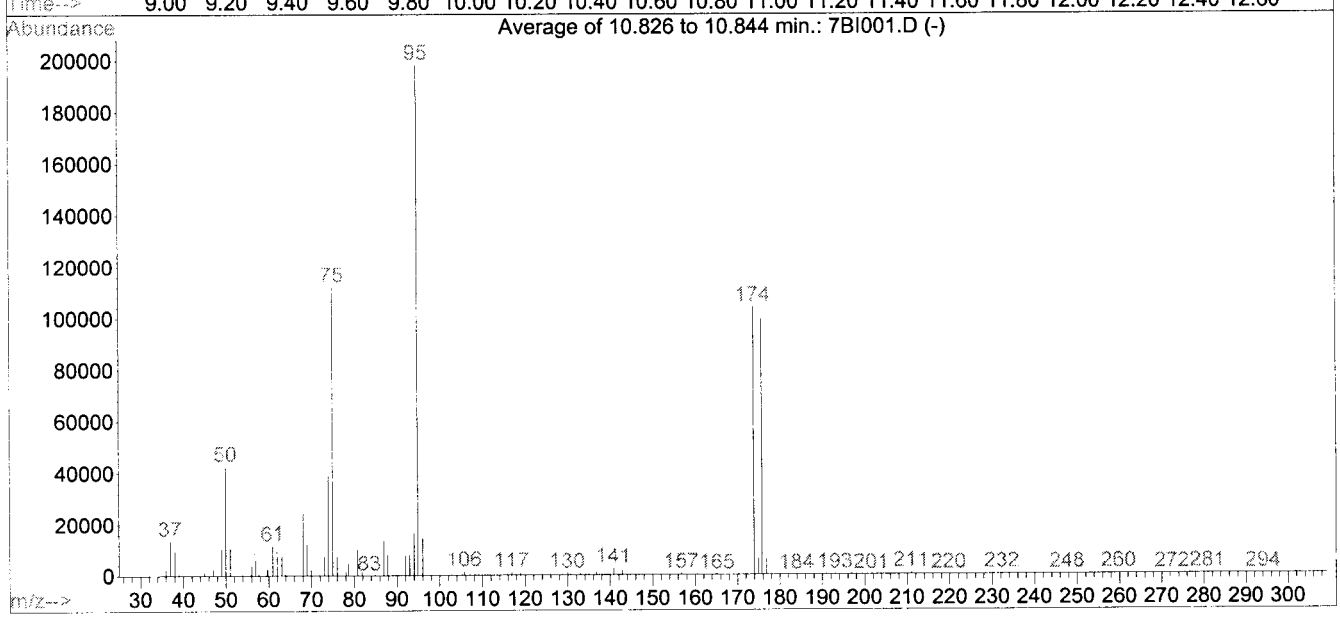
Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration



Data File : C:\HPCHEM\1\DATA\20077BI\7BI001.D
Acq On : 14 Feb 2007 17:03
Sample : BA00322-TUN1
Misc :
MS Integration Params: RTEINT.P
Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260

Vial: 1
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00





Spectrum Information: Average of 10.826 to 10.844 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.5	42758	PASS
75	95	30	60	56.6	112340	PASS
95	95	100	100	100.0	198448	PASS
96	95	5	9	7.4	14721	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	52.5	104208	PASS
175	174	5	9	6.2	6453	PASS
176	174	95	101	95.5	99482	PASS
177	176	5	9	6.2	6170	PASS

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI002.D
Acq On : 14 Feb 2007 17:35
Sample : BA00322-CCV1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 14 18:21 2007

Vial: 2
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	11.24	168	1705540	50.00	ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	11.88	114	3706296	50.00	ug/L	0.00
59) CHLOROBENZENE-d5(IS)	15.06	117	3680144	50.00	ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	17.26	152	1708562	50.00	ug/L	0.00
System Monitoring Compounds						
37) Dibromofluoromethane (surr	10.66	113	1411418	49.87	ug/L	0.00
Spiked Amount 50.000 Range 71 - 136 Recovery = 99.74%						
44) d4-1,2-Dichloroethane(surr	11.33	65	1711465	52.26	µg/L	0.00
Spiked Amount 50.000 Range 70 - 130 Recovery = 104.52%						
58) D8-Toluene (surr)	13.41	98	4679023	51.60	ug/L	0.00
Spiked Amount 50.000 Range 75 - 126 Recovery = 103.20%						
79) Bromofluorobenzene (surr)	16.21	95	2089225m	51.32	ug/L	0.00
Spiked Amount 50.000 Range 76 - 120 Recovery = 102.64%						

Target Compounds						Qvalue
2) Dichlorodifluoromethane	4.14	85	1453111	50.48	ug/L	96
3) Chloromethane	4.66	50	1567955	47.98	ug/L	97
4) Vinyl Chloride	4.79	62	1411277	48.79	ug/L	94
5) Bromomethane	5.51	94	517475	46.85	ug/L	99
6) Chloroethane	5.78	64	819998	48.68	ug/L	93
7) Trichlorofluoromethane	6.09	101	1725665	51.10	ug/L	98
8) Diethyl ether	6.69	59	990157	50.51	µg/L #	85
9) Ethanol	6.89	45	205996	962.45	ug/L	95
10) 1,2-Dichloro-1,1,2-triflur	0.00	117		No Calib	#	
11) acrolein	7.72	56	833539	316.84	ug/L	99
12) 1,1,2Trichloro-1,2,2triflu	7.19	151	1316256	100.81	ug/L #	62
13) 1,1-Dichloroethene	7.11	96	1049800	49.82	ug/L	99
14) Acetone	8.21	43	1488631	261.94	ug/L	94
15) Methyl acetate	8.40	43	1181803	54.82	µg/L #	92
16) Iodomethane	7.40	142	6294837	261.38	ug/L	83
17) Carbon disulfide	7.19	76	14049491	252.28	ug/L	99
18) Acetonitrile	8.96	41	1342965	466.33	ug/L	96
19) 3-chloropropene	7.98	41	1432130	57.44	ug/L #	93
20) Methylene Chloride	8.15	84	1322420	50.23	ug/L	93
21) Acrylonitrile	9.43	53	1764568	237.20	ug/L	97
22) Methyl tert-butyl ether	8.57	73	3356162	50.89	ug/L	96
23) t-1,2-Dichloroethene	8.42	96	1169390	49.32	ug/L	98
24) 1,1-Dichloroethane	9.36	63	1943536	48.33	ug/L	97
25) Vinyl Acetate	9.67	43	10421342	481.78	ug/L	95
26) Isopropyl ether	9.15	45	3808001	48.50	ug/L	91
27) Chloroprene	9.35	88	1024335	50.03	ug/L	97
28) 2-Butanone	10.81	72	628951	260.82	ug/L	88
29) c-1,2-Dichloroethene	10.09	96	1297562	48.26	ug/L	94
30) 2,2-Dichloropropane	10.25	77	1849768	83.91	ug/L	96
31) Propionitrile	11.20	54	1387132	510.86	ug/L	83
32) Methacrylonitrile	11.23	41	6327437	470.82	ug/L	100
33) Bromochloromethane	10.36	128	506969	47.59	ug/L	100
34) Cyclohexane	10.39	56	1764688	47.98	µg/L #	71
35) Chloroform	10.43	83	2209631	48.83	ug/L	97
36) Dibromofluoromethane	10.66	113	1411418	49.87	ug/L	81
38) 1,1,1-Trichloroethane	10.73	97	1872275	51.88	ug/L	86
39) 1,1-Dichloropropene	10.88	75	1636382	51.47	ug/L	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI002.D
Acq On : 14 Feb 2007 17:35
Sample : BA00322-CCV1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 14 18:21 2007

Vial: 2
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
40) Isobutyl alcohol	11.27	43	1847843	997.79 ug/L #	66
42) Carbon Tetrachloride	10.65	117	1561547	49.12 ug/L	98
43) d4-1,2-Dichloroethane	11.33	65	1711465	52.26 µg/L	91
45) 1,2-Dichloroethane	11.42	62	1687321	51.42 ug/L #	15
46) Benzene	11.20	78	4011953	47.69 ug/L	99
47) Trichloroethene	11.86	130	1064380	44.60 ug/L	95
48) Methyl cyclohexane	11.87	83	1659933	51.12 µg/L #	95
49) 1,2-Dichloropropane	12.47	63	1139142	46.95 ug/L	93
50) Methyl methacrylate	12.62	69	820736	51.38 ug/L	92
51) 1,4-Dioxane	12.71	88	230685	1041.48 ug/L	94
52) Dibromomethane	12.35	93	838588	49.85 ug/L #	76
53) Bromodichloromethane	12.49	83	1876368	51.65 ug/L	99
54) 2-Chloroethyl vinyl ether	13.09	63	1315890	252.02 ug/L	90
55) C-1,3-Dichloropropene	13.19	75	2092236	52.30 ug/L	95
56) 4-Methyl-2-pentanone	13.82	100	881874	275.26 ug/L #	85
57) D8-Toluene	13.41	98	4679023	51.60 ug/L	97
60) Toluene	13.47	92	2710913	48.39 ug/L	99
61) T-1,3-Dichloropropene	13.87	75	1773136	54.71 ug/L	97
62) Ethyl methacrylate	13.98	69	1602335	48.79 ug/L	94
63) 1,1,2-Trichloroethane	14.06	97	1038868	46.42 ug/L	93
64) 1,3-Dichloropropane	14.36	76	1984897	48.20 ug/L	100
65) Tetrachloroethene	13.89	164	725964	28.28 ug/L	85
66) 2-Hexanone	14.68	43	4102767	276.24 ug/L	97
67) Dibromochloromethane	14.28	129	1321775	48.97 ug/L	100
68) 1,2-Dibromoethane	14.56	107	1170685	48.97 ug/L	99
69) Chlorobenzene	15.08	112	2787374	48.84 ug/L	96
70) 1,1,1,2-Tetrachloroethane	15.13	131	1080858	47.22 ug/L	99
71) Ethylbenzene	15.07	106	1408242	47.86 ug/L	78
72) m-xylene & p-xylene	15.21	106	3701594	102.85 ug/L	98
73) O-Xylene	15.64	106	1860312	49.36 ug/L	99
74) Styrene	15.69	104	3310880	51.52 ug/L	96
75) Bromoform	15.76	173	671760	49.65 ug/L	99
76) Isopropylbenzene	15.92	105	4263185	52.61 ug/L	95
77) C-1,4-Dichloro-2-butene	16.24	53	494938	60.32 ug/L #	1
78) Bromofluorobenzene	16.21	95	2089544m	51.32 ug/L	97
80) 1,1,2,2-Tetrachloroethane	16.35	83	1543698	55.67 ug/L	98
81) Bromobenzene	16.34	156	1121639	51.80 ug/L	96
82) 1,2,3-Trichloropropane	16.52	75	2066628	49.02 ug/L #	45
83) T-1,4-Dichloro-2-Butene	16.52	53	489595	57.52 ug/L #	95
84) n-Propylbenzene	16.30	91	6019833	52.20 ug/L	93
86) 2-Chlorotoluene	16.48	91	4230404	49.69 ug/L	99
87) 1,3,5-Trimethylbenzene	16.45	105	4027895	51.79 ug/L	100
88) 4-Chlorotoluene	16.63	91	3854318	50.58 ug/L	96
89) tert-Butylbenzene	16.76	119	3197683	50.27 ug/L	98
90) Pentachloroethane	16.82	167	636106	4508.92 ug/L	99
91) 1,2,4-Trimethylbenzene	16.82	105	4183200	49.82 ug/L	97
92) s-Butylbenzene	16.93	105	5077947	49.91 ug/L	92
93) 1,3-Dichlorobenzene	17.19	146	2123509	49.86 ug/L	97
94) p-Isopropyltoluene	17.04	119	3927683	52.34 ug/L	97
95) 1,4-Dichlorobenzene	17.27	146	2136850	49.75 ug/L	97
96) n-Butylbenzene	17.44	91	4089222	52.83 ug/L	95
97) 1,2-Dichlorobenzene	17.69	146	2058689	48.43 ug/L	97
98) DBCP	18.51	157	243968	46.84 ug/L	81

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI002.D
Acq On : 14 Feb 2007 17:35
Sample : BA00322-CCV1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 14 18:21 2007

Vial: 2
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
99)	1,2,4-Trichlorobenzene	19.25	180	1213381	51.70 ug/L	98
100)	Hexachlorobutadiene	19.16	225	329575	51.56 ug/L	98
101)	Naphthalene	19.68	128	3326243	49.71 ug/L	98
102)	1,2,3-Trichlorobenzene	19.91	180	1073635	48.46 ug/L	97

(#) = qualifier out of range (m) = manual integration

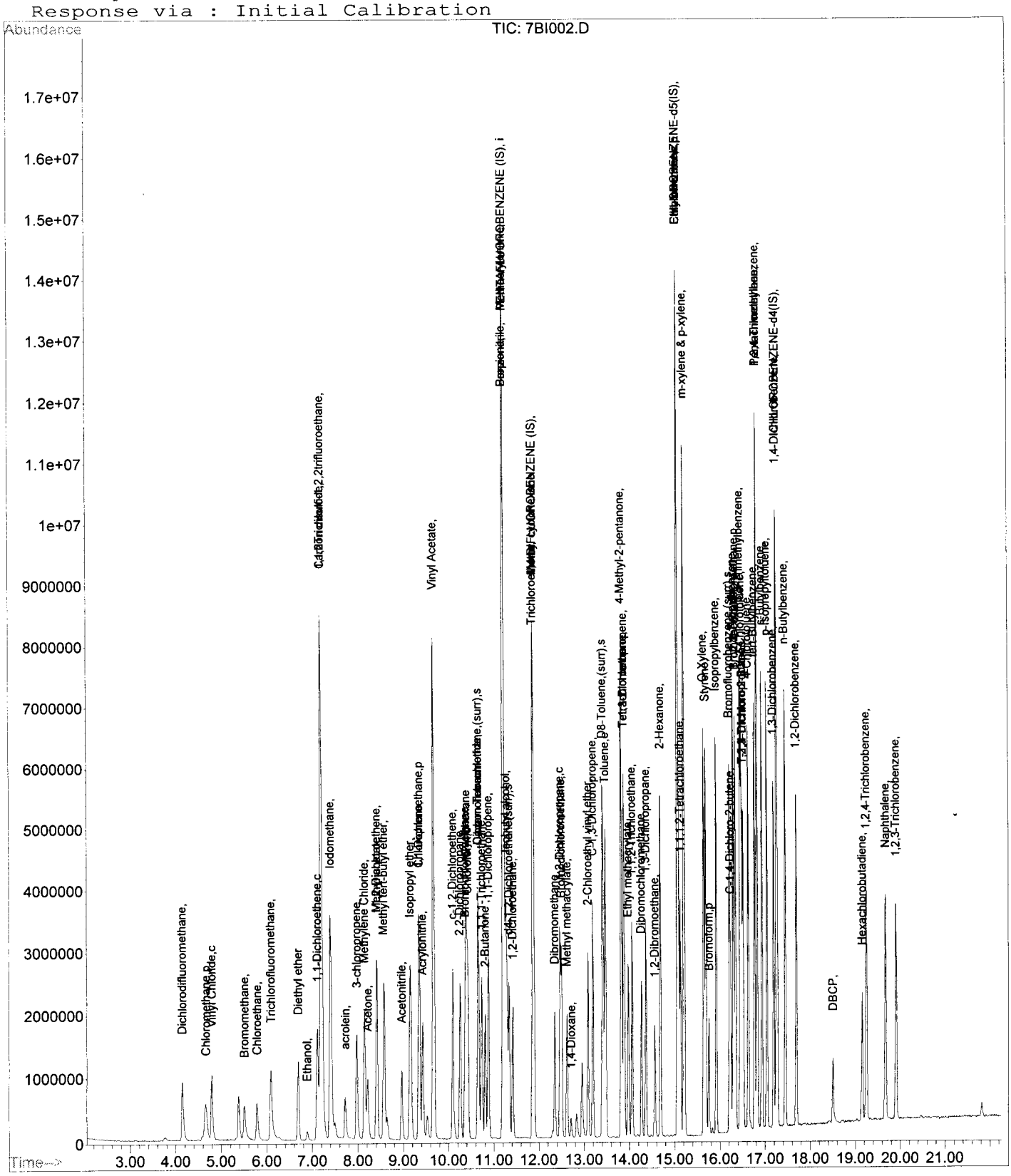
Quantitation Report

Data File : C:\HPCHEM\1\DATA\20077BI\7BI002.D
Acq On : 14 Feb 2007 17:35
Sample : BA00322-CCV1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 14 18:21 2007

Vial: 2
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\20077BI\7BI002.D
Acq On : 14 Feb 2007 17:35
Sample : BA00322-CCV1
Misc :
MS Integration Params: RTEINT.P

Vial: 2
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	
1	i	PENTAFLUOROBENZENE (IS)	1.000	1.000	0.0	106	0.00	
2		Dichlorodifluoromethane	0.844	0.852	-0.9	96	0.00	
3	p	Chloromethane	0.958	0.919	4.1	94	0.01	
4	c	Vinyl Chloride	0.848	0.827	2.5	93	0.00	
5		Bromomethane	0.324	0.303	6.5	94	0.00	
6		Chloroethane	0.494	0.481	2.6	91	0.00	
7		Trichlorofluoromethane	0.990	1.012	-2.2	96	0.00	
8		Diethyl ether	0.575	0.581	-1.0	99	0.00	
9		Ethanol	1000.000	962.446	3.8	96	0.00	L
10		1,2-Dichloro-1,1,2-trifluro	0.000	0.000	0.0	0#	0.01	
11		acrolein	0.077	0.098	-27.3#	121	0.00	
12		1,1,2Trichloro-1,2,2trifluo	0.383	0.386	-0.8	97	0.00	
13	c	1,1-Dichloroethene	0.618	0.616	0.3	94	0.00	
14		Acetone	250.000	261.939	-4.8	105	0.00	L
15		Methyl acetate	0.632	0.693	-9.7	118	0.00	
16		Iodomethane	250.000	261.383	-4.6	94	0.00	L
17		Carbon disulfide	1.633	1.648	-0.9	95	0.00	
18		Acetonitrile	0.084	0.079	6.0	98	0.00	
19		3-chloropropene	50.000	57.442	-14.9	105	0.00	L
20		Methylene Chloride	50.000	50.228	-0.5	96	0.00	L
21		Acrylonitrile	0.218	0.207	5.0	97	0.00	
22		Methyl tert-butyl ether	1.933	1.968	-1.8	99	0.00	
23		t-1,2-Dichloroethene	0.695	0.686	1.3	92	0.00	
24	p	1,1-Dichloroethane	1.179	1.140	3.3	93	0.00	
25		Vinyl Acetate	0.634	1.222	-92.7#	195	0.00	
26		Isopropyl ether	2.302	2.233	3.0	92	0.00	
27		Chloroprene	0.600	0.601	-0.2	94	0.00	
28		2-Butanone	0.071	0.074	-4.2	108	0.00	
29		c-1,2-Dichloroethene	0.788	0.761	3.4	93	0.00	
30		2,2-Dichloropropane	0.646	1.085	-68.0#	155	0.00	
31		Propionitrile	0.080	0.081	-1.3	102	0.00	
32		Methacrylonitrile	0.394	0.371	5.8	98	0.00	
33		Bromochloromethane	0.312	0.297	4.8	94	0.00	
34		Cyclohexane	1.078	1.035	4.0	93	0.00	
35	c	Chloroform	1.327	1.296	2.3	95	0.00	
36		Dibromofluoromethane	0.830	0.828	0.2	105	0.00	
37	s	Dibromofluoromethane (surr)	0.830	0.828	0.2	105	0.00	
38		1,1,1-Trichloroethane	1.058	1.098	-3.8	98	0.00	
39		1,1-Dichloropropene	0.932	0.959	-2.9	94	0.00	
40		Isobutyl alcohol	1000.000	997.791	0.2	101	0.00	L
41		1,4-DIFLUOROBENZENE (IS)	1.000	1.000	0.0	103	0.00	
42		Carbon Tetrachloride	0.429	0.421	1.9	96	0.00	
43		d4-1,2-Dichloroethane	0.442	0.462	-4.5	110	0.00	
44	s	d4-1,2-Dichloroethane(surr)	0.442	0.462	-4.5	110	0.00	
45		1,2-Dichloroethane	0.443	0.455	-2.7	101	0.00	
46		Benzene	1.135	1.082	4.7	92	0.00	
47		Trichloroethene	0.322	0.287	10.9	84	0.00	
48		Methyl cyclohexane	50.000	51.115	-2.2	98	0.00	L
49	c	1,2-Dichloropropane	0.327	0.307	6.1	88	0.00	
50		Methyl methacrylate	0.215	0.221	-2.8	100	0.00	
51		1,4-Dioxane	0.003	0.003	0.0	100	0.00	
52		Dibromomethane	0.227	0.226	0.4	95	0.00	

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\20077BI\7BI002.D
Acq On : 14 Feb 2007 17:35
Sample : BA00322-CCV1
Misc :
MS Integration Params: RTEINT.P

Vial: 2
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	
53		Bromodichloromethane	0.490	0.506	-3.3	95	0.00	
54		2-Chloroethyl vinyl ether	250.000	252.019	-0.8	126	0.00	L
55		C-1,3-Dichloropropene	0.540	0.565	-4.6	99	0.00	
56		4-Methyl-2-pentanone	0.043	0.048	-11.6	105	0.00	
57		D8-Toluene	1.223	1.262	-3.2	107	0.00	
58	s	D8-Toluene (surr)	1.223	1.262	-3.2	107	0.00	
59		CHLOROBENZENE-d5(IS)	1.000	1.000	0.0	106	0.00	
60	c	Toluene	0.761	0.737	3.2	94	0.00	
61		T-1,3-Dichloropropene	50.000	54.709	-9.4	103	0.00	L
62		Ethyl methacrylate	0.446	0.435	2.5	99	0.00	
63		1,1,2-Trichloroethane	0.304	0.282	7.2	95	0.00	
64		1,3-Dichloropropane	0.559	0.539	3.6	94	0.00	
65		Tetrachloroethene	0.349	0.197	43.6#	56	0.00	
66		2-Hexanone	0.202	0.223	-10.4	107	0.00	
67		Dibromochloromethane	0.367	0.359	2.2	100	0.00	
68		1,2-Dibromoethane	0.325	0.318	2.2	98	0.00	
69	p	Chlorobenzene	0.775	0.757	2.3	94	0.00	
70		1,1,1,2-Tetrachloroethane	50.000	47.215	5.6	97	0.00	L
71	c	Ethylbenzene	0.400	0.383	4.3	93	0.00	
72		m-xylene & p-xylene	0.489	0.503	-2.9	95	0.00	
73		O-Xylene	0.512	0.505	1.4	96	0.00	
74		Styrene	0.873	0.900	-3.1	97	0.00	
75	p	Bromoform	0.184	0.183	0.5	100	0.00	
76		Isopropylbenzene	1.101	1.158	-5.2	98	0.00	
77		C-1,4-Dichloro-2-butene	0.111	0.134	-20.7#	118	0.00	
78		Bromofluorobenzene	0.553	0.568	-2.7	110	0.00	
79	s	Bromofluorobenzene (surr)	0.553	0.568	-2.7	110	0.00	
80	p	1,1,2,2-Tetrachloroethane	0.377	0.419	-11.1	118	0.00	
81		Bromobenzene	0.294	0.305	-3.7	100	0.00	
82		1,2,3-Trichloropropane	0.573	0.562	1.9	108	0.00	
83		T-1,4-Dichloro-2-Butene	0.116	0.133	-14.7	120	0.00	
84		n-Propylbenzene	1.567	1.636	-4.4	98	0.00	
85		1,4-DICHLOROBENZENE-d4(IS)	1.000	1.000	0.0	109	0.00	
86		2-Chlorotoluene	2.491	2.476	0.6	96	0.00	
87		1,3,5-Trimethylbenzene	2.276	2.357	-3.6	97	0.00	
88		4-Chlorotoluene	2.230	2.256	-1.2	97	0.00	
89		tert-Butylbenzene	1.861	1.872	-0.6	98	0.00	
90		Pentachloroethane	50.000	4508.918	-8917.8#	8066	0.00	L
91		1,2,4-Trimethylbenzene	2.457	2.448	0.4	95	0.00	
92		s-Butylbenzene	2.978	2.972	0.2	99	0.00	
93		1,3-Dichlorobenzene	1.246	1.243	0.2	98	0.00	
94		p-Isopropyltoluene	2.196	2.299	-4.7	99	0.00	
95		1,4-Dichlorobenzene	1.257	1.251	0.5	96	0.00	
96		n-Butylbenzene	2.265	2.393	-5.7	102	0.00	
97		1,2-Dichlorobenzene	1.244	1.205	3.1	98	0.00	
98		DBCP	0.152	0.143	5.9	105	0.00	
99		1,2,4-Trichlorobenzene	0.687	0.710	-3.3	102	0.00	
100		Hexachlorobutadiene	50.000	51.557	-3.1	105	0.00	L
101		Naphthalene	1.958	1.947	0.6	99	0.00	
102		1,2,3-Trichlorobenzene	0.648	0.628	3.1	97	0.00	

(#) = Out of Range SPCC's out = 0 CCC's out = 0

8260 QC Data

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI004.D
Acq On : 14 Feb 2007 18:41
Sample : 7B15023-BLK1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:24 2007

Vial: 4
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	11.23	168	1792574	50.00 ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	11.88	114	3729724	50.00 ug/L	0.00
59) CHLOROBENZENE-d5(IS)	15.07	117	3555877	50.00 ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	17.25	152	1607465	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	10.66	113	1421292	47.78 ug/L	0.00
Spiked Amount 50.000	Range 71 - 136		Recovery = 95.56%		
44) d4-1,2-Dichloroethane(surr	11.34	65	1713942	52.00 µg/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.00%		
58) D8-Toluene (surr)	13.41	98	4398851	48.20 ug/L	0.00
Spiked Amount 50.000	Range 75 - 126		Recovery = 96.40%		
79) Bromofluorobenzene (surr)	16.22	95	1968049	50.03 ug/L	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 100.06%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85		N.D.	
3) Chloromethane	0.00	50		N.D.	
4) Vinyl Chloride	0.00	62		N.D.	
5) Bromomethane	0.00	94		N.D.	
6) Chloroethane	0.00	64		N.D.	
7) Trichlorofluoromethane	0.00	101		N.D.	
8) Diethyl ether	0.00	59		N.D.	
9) Ethanol	0.00	45		N.D. d	
10) 1,2-Dichloro-1,1,2-triflur	0.00	117		No Calib	
11) acrolein	0.00	56		N.D. d	
12) 1,1,2Trichloro-1,2,2triflu	0.00	151		N.D.	
13) 1,1-Dichloroethene	0.00	96		N.D.	
14) Acetone	0.00	43		N.D.	
15) Methyl acetate	0.00	43		N.D. d	
16) Iodomethane	7.39	142	2287	-11.06 ug/L #	71
17) Carbon disulfide	0.00	76		N.D. d	
18) Acetonitrile	0.00	41		N.D. d	
19) 3-chloropropene	7.96	41	2431	-0.21 ug/L #	1
20) Methylene Chloride	8.15	84	26919	-3.03 ug/L	94
21) Acrylonitrile	0.00	53		N.D.	
22) Methyl tert-butyl ether	0.00	73		N.D.	
23) t-1,2-Dichloroethene	0.00	96		N.D.	
24) 1,1-Dichloroethane	0.00	63		N.D.	
25) Vinyl Acetate	0.00	43		N.D.	
26) Isopropyl ether	0.00	45		N.D.	
27) Chloroprene	0.00	88		N.D.	
28) 2-Butanone	0.00	72		N.D.	
29) c-1,2-Dichloroethene	0.00	96		N.D.	
30) 2,2-Dichloropropane	0.00	77		N.D.	
31) Propionitrile	0.00	54		N.D. d	
32) Methacrylonitrile	0.00	41		N.D. d	
33) Bromochloromethane	0.00	128		N.D.	
34) Cyclohexane	0.00	56		N.D.	
35) Chloroform	0.00	83		N.D.	
36) Dibromofluoromethane	10.66	113	1421292	47.78 ug/L	79
38) 1,1,1-Trichloroethane	0.00	97		N.D.	
39) 1,1-Dichloropropene	0.00	75		N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI004.D
Acq On : 14 Feb 2007 18:41
Sample : 7B15023-BLK1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:24 2007

Vial: 4
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
40) Isobutyl alcohol	0.00	43		N.D. d	
42) Carbon Tetrachloride	0.00	117		N.D. d	
43) d4-1,2-Dichloroethane	11.34	65	1713942	52.00 µg/L #	88
45) 1,2-Dichloroethane	0.00	62		N.D.	
46) Benzene	0.00	78		N.D.	
47) Trichloroethene	0.00	130		N.D.	
48) Methyl cyclohexane	11.88	83	55837	-1.83 µg/L #	39
49) 1,2-Dichloropropane	0.00	63		N.D.	
50) Methyl methacrylate	0.00	69		N.D.	
51) 1,4-Dioxane	0.00	88		N.D. d	
52) Dibromomethane	0.00	93		N.D.	
53) Bromodichloromethane	0.00	83		N.D.	
54) 2-Chloroethyl vinyl ether	0.00	63		N.D. d	
55) C-1,3-Dichloropropene	0.00	75		N.D.	
56) 4-Methyl-2-pentanone	0.00	100		N.D.	
57) D8-Toluene	13.41	98	4398851	48.20 ug/L	96
60) Toluene	0.00	92		N.D.	
61) T-1,3-Dichloropropene	13.86	75	2230	-1.68 ug/L #	4
62) Ethyl methacrylate	0.00	69		N.D.	
63) 1,1,2-Trichloroethane	0.00	97		N.D.	
64) 1,3-Dichloropropane	0.00	76		N.D.	
65) Tetrachloroethene	0.00	164		N.D.	
66) 2-Hexanone	0.00	43		N.D. d	
67) Dibromochloromethane	0.00	129		N.D.	
68) 1,2-Dibromoethane	0.00	107		N.D.	
69) Chlorobenzene	0.00	112		N.D.	
70) 1,1,1,2-Tetrachloroethane	0.00	131		N.D. d	
71) Ethylbenzene	0.00	106		N.D.	
72) m-xylene & p-xylene	0.00	106		N.D.	
73) O-Xylene	0.00	106		N.D.	
74) Styrene	0.00	104		N.D.	
75) Bromoform	0.00	173		N.D.	
76) Isopropylbenzene	0.00	105		N.D.	
77) C-1,4-Dichloro-2-butene	0.00	53		N.D.	
78) Bromofluorobenzene	16.22	95	1968049	50.03 ug/L #	82
80) 1,1,2,2-Tetrachloroethane	0.00	83		N.D.	
81) Bromobenzene	0.00	156		N.D.	
82) 1,2,3-Trichloropropane	0.00	75		N.D.	
83) T-1,4-Dichloro-2-Butene	0.00	53		N.D. d	
84) n-Propylbenzene	0.00	91		N.D.	
86) 2-Chlorotoluene	0.00	91		N.D.	
87) 1,3,5-Trimethylbenzene	0.00	105		N.D.	
88) 4-Chlorotoluene	0.00	91		N.D.	
89) tert-Butylbenzene	0.00	119		N.D.	
90) Pentachloroethane	0.00	167		N.D. d	
91) 1,2,4-Trimethylbenzene	0.00	105		N.D.	
92) s-Butylbenzene	0.00	105		N.D.	
93) 1,3-Dichlorobenzene	0.00	146		N.D.	
94) p-Isopropyltoluene	0.00	119		N.D.	
95) 1,4-Dichlorobenzene	0.00	146		N.D.	
96) n-Butylbenzene	0.00	91		N.D.	
97) 1,2-Dichlorobenzene	0.00	146		N.D.	
98) DBCP	0.00	157		N.D. d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI004.D
Acq On : 14 Feb 2007 18:41
Sample : 7B15023-BLK1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:24 2007

Vial: 4
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
99) 1,2,4-Trichlorobenzene	0.00	180		N.D. d	
100) Hexachlorobutadiene	0.00	225		N.D. d	
101) Naphthalene	19.67	128	51579	0.82 ug/L	98
102) 1,2,3-Trichlorobenzene	0.00	180		N.D. d	

(#) = qualifier out of range (m) = manual integration
7BI004.D 8260W7BI.M Wed Feb 21 16:06:23 2007

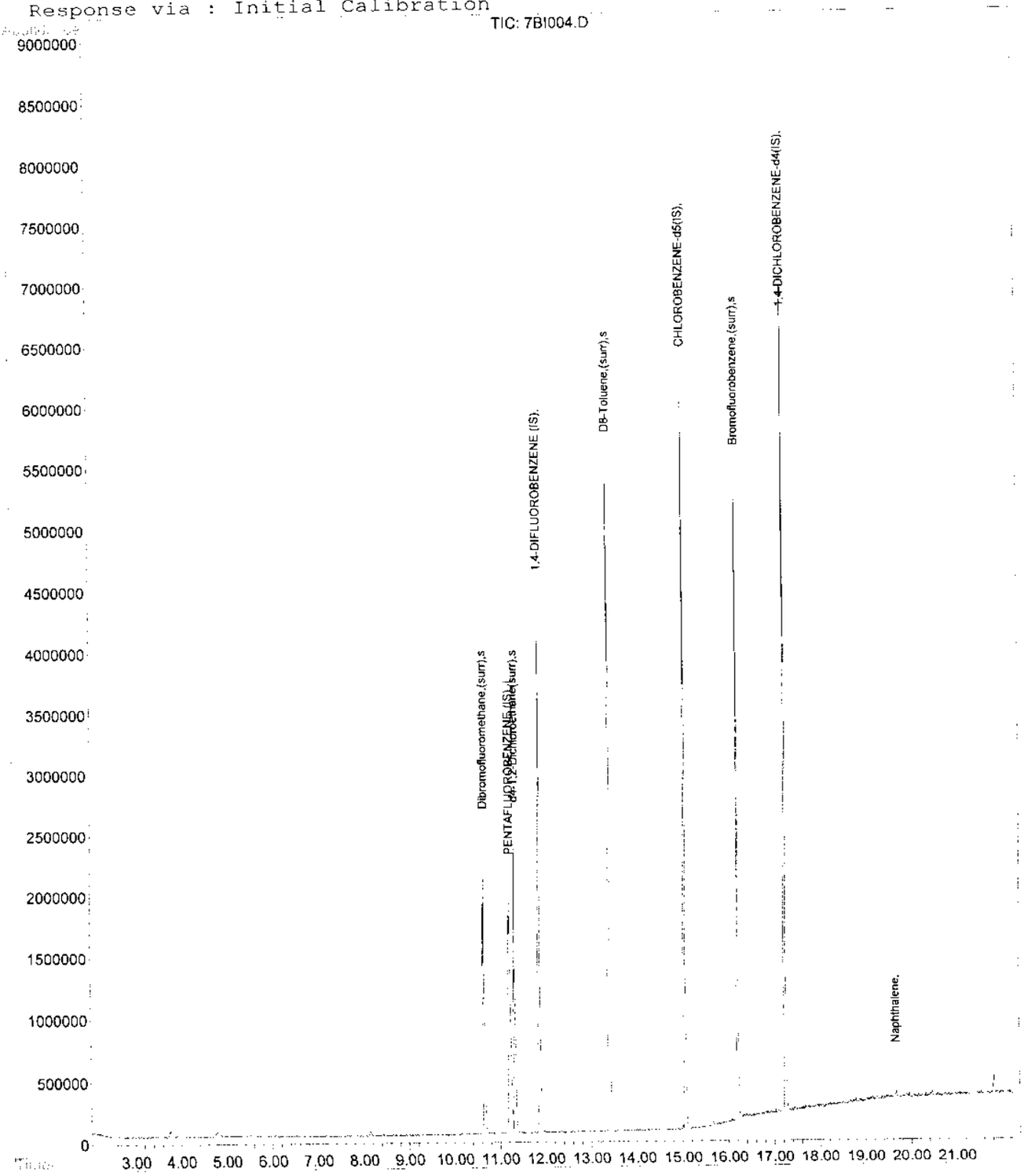
Quantitation Report

Data File : C:\HPCHEM\1\DATA\20077BI\7BI004.D
Acq On : 14 Feb 2007 18:41
Sample : 7B15023-BLK1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:24 2007

Vial: 4
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI005.D
Acq On : 14 Feb 2007 19:14
Sample : 7B15023-BS1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 15 9:53 2007

Vial: 5
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	11.23	168	1672944	50.00	ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	11.88	114	3540831	50.00	ug/L	0.00
59) CHLOROBENZENE-d5(IS)	15.07	117	3503853	50.00	ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	17.25	152	1557264	50.00	ug/L	0.00
System Monitoring Compounds						
37) Dibromofluoromethane (surr	10.66	113	1424138	51.30	ug/L	0.00
Spiked Amount 50.000 Range 71 - 136			Recovery	=	102.60%	
44) d4-1,2-Dichloroethane(surr	11.34	65	1617129	51.68	µg/L	0.00
Spiked Amount 50.000 Range 70 - 130			Recovery	=	103.36%	
58) D8-Toluene (surr)	13.41	98	4360077	50.33	ug/L	0.00
Spiked Amount 50.000 Range 75 - 126			Recovery	=	100.66%	
79) Bromofluorobenzene (surr)	16.21	95	1956164	50.46	ug/L	0.00
Spiked Amount 50.000 Range 76 - 120			Recovery	=	100.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	4.15	85	471822	16.71	ug/L	99
3) Chloromethane	4.66	50	547051	17.07	ug/L	96
4) Vinyl Chloride	4.78	62	557161	19.64	ug/L	93
5) Bromomethane	5.52	94	250357	23.11	ug/L	92
6) Chloroethane	5.79	64	338430	20.48	ug/L	94
7) Trichlorofluoromethane	6.08	101	739962	22.34	ug/L	98
8) Diethyl ether	6.69	59	364091	18.93	µg/L	86
9) Ethanol	6.89	45	16882	117.74	ug/L	94
10) 1,2-Dichloro-1,1,2-triflur	0.00	117		No Calib	#	
11) acrolein	7.72	56	333050	129.06	ug/L	100
12) 1,1,2Trichloro-1,2,2triflu	7.20	151	248460	19.40	ug/L #	60
13) 1,1-Dichloroethene	7.11	96	387983	18.77	ug/L	97
14) Acetone	8.22	43	277788	47.50	ug/L	96
15) Methyl acetate	8.41	43	278383	13.17	µg/L #	95
16) Iodomethane	7.40	142	421929	7.47	ug/L	85
17) Carbon disulfide	7.20	76	1484695	27.18	ug/L	100
18) Acetonitrile	8.97	41	60850	21.54	ug/L	79
19) 3-chloropropene	7.97	41	520299	21.08	ug/L #	94
20) Methylene Chloride	8.15	84	496899	16.72	ug/L	88
21) Acrylonitrile	9.43	53	147267	20.18	ug/L	90
22) Methyl tert-butyl ether	8.57	73	1248932	19.31	ug/L	98
23) t-1,2-Dichloroethene	8.42	96	453632	19.51	ug/L	99
24) 1,1-Dichloroethane	9.36	63	801868	20.33	ug/L	99
25) Vinyl Acetate	9.67	43	1048808	49.43	ug/L	100
26) Isopropyl ether	9.15	45	1515891	19.68	ug/L #	88
27) Chloroprene	9.34	88	326952	16.28	ug/L	94
28) 2-Butanone	10.81	72	103965	43.95	ug/L	87
29) c-1,2-Dichloroethene	10.10	96	487851	18.50	ug/L	91
30) 2,2-Dichloropropane	10.26	77	708619	32.77	ug/L	96
31) Propionitrile	11.20	54	51193	19.22	ug/L #	69
32) Methacrylonitrile	11.22	41	241225	18.30	ug/L	95
33) Bromochloromethane	10.35	128	210449	20.14	ug/L	94
34) Cyclohexane	0.00	56		N.D.		
35) Chloroform	10.42	83	852440	19.21	ug/L	98
36) Dibromofluoromethane	10.66	113	1424138	51.30	ug/L	80
38) 1,1,1-Trichloroethane	10.74	97	706965	19.97	ug/L	86
39) 1,1-Dichloropropene	10.88	75	630184	20.21	ug/L	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI005.D
Acq On : 14 Feb 2007 19:14
Sample : 7B15023-BS1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 15 9:53 2007

Vial: 5
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
40) Isobutyl alcohol	11.27	43	448299	244.03 ug/L #	37
42) Carbon Tetrachloride	10.65	117	586877	19.32 ug/L	96
43) d4-1,2-Dichloroethane	11.34	65	1617129	51.68 µg/L #	90
45) 1,2-Dichloroethane	11.42	62	660419	21.07 ug/L #	14
46) Benzene	11.20	78	1656989	20.62 ug/L	97
47) Trichloroethene	11.86	130	397187	17.42 ug/L	94
48) Methyl cyclohexane	11.88	83	60107	-1.59 µg/L #	48
49) 1,2-Dichloropropane	12.47	63	469289	20.25 ug/L	94
50) Methyl methacrylate	12.62	69	297305	19.48 ug/L	92
51) 1,4-Dioxane	12.72	88	3241	15.32 ug/L #	1
52) Dibromomethane	12.35	93	313259	19.49 ug/L #	72
53) Bromodichloromethane	12.50	83	693689	19.99 ug/L	99
54) 2-Chloroethyl vinyl ether	13.08	63	27441	51.93 ug/L	92
55) C-1,3-Dichloropropene	13.19	75	821443	21.49 ug/L	96
56) 4-Methyl-2-pentanone	13.83	100	143439	46.86 ug/L #	73
57) D8-Toluene	13.41	98	4360077	50.33 ug/L	97
60) Toluene	13.47	92	1022970	19.18 ug/L	99
61) T-1,3-Dichloropropene	13.88	75	736254	22.87 ug/L	98
62) Ethyl methacrylate	13.97	69	560587	17.93 ug/L	90
63) 1,1,2-Trichloroethane	14.06	97	413541	19.41 ug/L	97
64) 1,3-Dichloropropane	14.37	76	751138	19.16 ug/L	98
65) Tetrachloroethene	13.89	164	274855	11.25 ug/L	88
66) 2-Hexanone	14.68	43	675852	47.79 ug/L	99
67) Dibromochloromethane	14.27	129	451696	17.58 ug/L	96
68) 1,2-Dibromoethane	14.56	107	419890	18.45 ug/L	98
69) Chlorobenzene	15.09	112	1068473	19.66 ug/L	98
70) 1,1,1,2-Tetrachloroethane	15.13	131	386336	18.10 ug/L	98
71) Ethylbenzene	15.07	106	521494	18.62 ug/L #	74
72) m-xylene & p-xylene	15.20	106	1408129	41.09 ug/L	98
73) O-Xylene	15.65	106	707543	19.72 ug/L	95
74) Styrene	15.69	104	1249269	20.42 ug/L	96
75) Bromoform	15.76	173	231703	17.99 ug/L	98
76) Isopropylbenzene	15.92	105	1769793	22.94 ug/L	95
77) C-1,4-Dichloro-2-butene	16.24	53	153621	19.66 ug/L #	1
78) Bromofluorobenzene	16.21	95	1956164	50.46 ug/L #	82
80) 1,1,2,2-Tetrachloroethane	16.35	83	571663	21.65 ug/L	98
81) Bromobenzene	16.34	156	387096	18.78 ug/L	99
82) 1,2,3-Trichloropropane	16.51	75	727931	18.14 ug/L #	44
83) T-1,4-Dichloro-2-Butene	16.51	53	164882	20.34 ug/L #	95
84) n-Propylbenzene	16.30	91	2349387	21.40 ug/L	90
86) 2-Chlorotoluene	16.47	91	1613398	20.79 ug/L	95
87) 1,3,5-Trimethylbenzene	16.44	105	1550414	21.87 ug/L	99
88) 4-Chlorotoluene	16.63	91	1512500	21.78 ug/L	95
89) tert-Butylbenzene	16.77	119	1244106	21.46 ug/L	97
90) Pentachloroethane	16.82	167	251595	1950.97 ug/L	95
91) 1,2,4-Trimethylbenzene	16.82	105	1585596	20.72 ug/L	100
92) s-Butylbenzene	16.93	105	1940977	20.93 ug/L	90
93) 1,3-Dichlorobenzene	17.19	146	826696	21.30 ug/L	96
94) p-Isopropyltoluene	17.03	119	1495981	21.87 ug/L	95
95) 1,4-Dichlorobenzene	17.27	146	823721	21.04 ug/L	96
96) n-Butylbenzene	17.45	91	1564059	22.17 ug/L	95
97) 1,2-Dichlorobenzene	17.69	146	768329	19.83 ug/L	96
98) DBCP	18.50	157	86037	18.12 ug/L #	76

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI005.D
Acq On : 14 Feb 2007 19:14
Sample : 7B15023-BS1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 15 9:53 2007

Vial: 5
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
99) 1,2,4-Trichlorobenzene	19.25	180	440454	20.59 ug/L	98
100) Hexachlorobutadiene	19.15	225	108556	18.67 ug/L	90
101) Naphthalene	19.67	128	1151791	18.89 ug/L	98
102) 1,2,3-Trichlorobenzene	19.91	180	407730	20.19 ug/L	94

(#) = qualifier out of range (m) = manual integration
7BI005.D 8260W7BI.M Wed Feb 21 16:06:53 2007

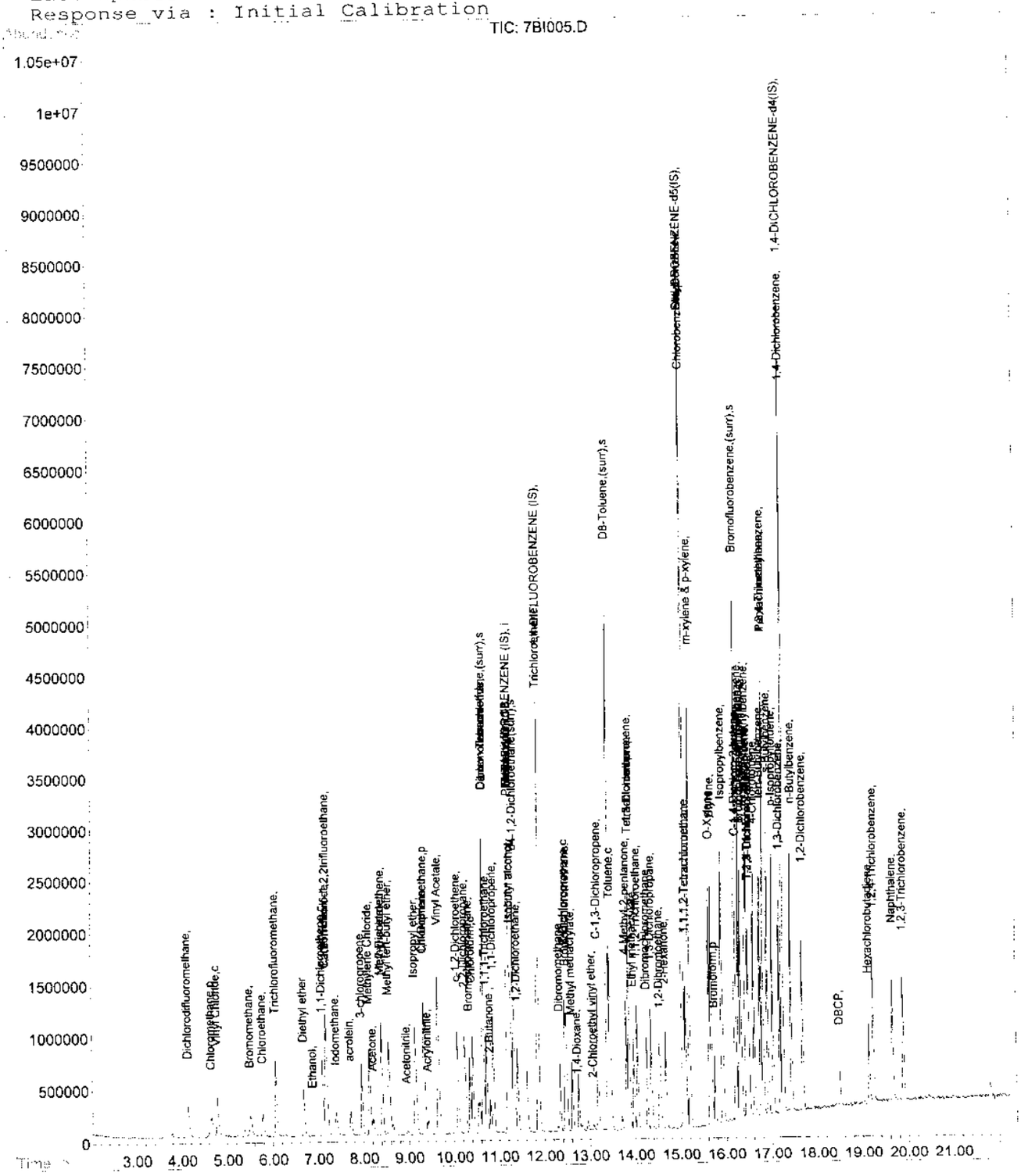
Quantitation Report

Data File : C:\HPCHEM\1\DATA\20077BI\7BI005.D
Acq On : 14 Feb 2007 19:14
Sample : 7B15023-BS1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 15 9:53 2007

Vial: 5
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI007.D
Acq On : 14 Feb 2007 20:19
Sample : 7B15023-MS1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 15 9:53 2007

Vial: 7
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	11.23	168	1683171	50.00 ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	11.88	114	3534152	50.00 ug/L	0.00
59) CHLOROBENZENE-d5(IS)	15.07	117	3535630	50.00 ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	17.25	152	1603799	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	10.66	113	1371547	49.10 ug/L	0.00
Spiked Amount 50.000	Range 71 - 136		Recovery = 98.20%		
44) d4-1,2-Dichloroethane(surr	11.34	65	1634462	52.34 µg/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.68%		
58) D8-Toluene (surr)	13.41	98	4330470	50.08 ug/L	0.00
Spiked Amount 50.000	Range 75 - 126		Recovery = 100.16%		
79) Bromofluorobenzene (surr)	16.22	95	1956480	50.02 ug/L	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 100.04%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	4.14	85	486276	17.12 ug/L	96
3) Chloromethane	4.65	50	572764	17.76 ug/L	99
4) Vinyl Chloride	4.78	62	545037	19.09 ug/L	97
5) Bromomethane	5.51	94	234470	21.51 ug/L	99
6) Chloroethane	5.78	64	362164	21.79 ug/L	94
7) Trichlorofluoromethane	6.08	101	746200	22.39 ug/L	98
8) Diethyl ether	6.68	59	356954	18.45 µg/L #	84
9) Ethanol	6.89	45	20059	131.68 ug/L	78
10) 1,2-Dichloro-1,1,2-triflur	0.00	117		No Calib #	
11) acrolein	7.72	56	339972	130.94 ug/L	100
12) 1,1,2Trichloro-1,2,2triflu	7.19	151	266423	20.68 ug/L #	65
13) 1,1-Dichloroethene	7.11	96	403290	19.39 ug/L	98
14) Acetone	8.21	43	286291	48.73 ug/L	96
15) Methyl acetate	8.41	43	282549	13.28 µg/L #	90
16) Iodomethane	7.40	142	380868	5.55 ug/L	85
17) Carbon disulfide	7.19	76	1462015	26.60 ug/L	98
18) Acetonitrile	8.97	41	66697	23.47 ug/L	80
19) 3-chloropropene	7.96	41	536493	21.61 ug/L #	87
20) Methylene Chloride	8.14	84	500077	16.73 ug/L	90
21) Acrylonitrile	9.43	53	148072	20.17 ug/L	98
22) Methyl tert-butyl ether	8.57	73	1245214	19.13 ug/L	97
23) t-1,2-Dichloroethene	8.42	96	463706	19.82 ug/L	97
24) 1,1-Dichloroethane	9.36	63	842306	21.23 ug/L	96
25) Vinyl Acetate	9.67	43	1025635	48.05 ug/L	99
26) Isopropyl ether	9.15	45	1513828	19.54 ug/L	89
27) Chloroprene	9.34	88	344232	17.03 ug/L	100
28) 2-Butanone	10.82	72	108296	45.51 ug/L	88
29) c-1,2-Dichloroethene	10.09	96	490125	18.47 ug/L	89
30) 2,2-Dichloropropane	10.25	77	698118	32.09 ug/L	95
31) Propionitrile	11.19	54	53348	19.91 ug/L #	69
32) Methacrylonitrile	11.22	41	278062	20.97 ug/L	94
33) Bromochloromethane	10.35	128	221104	21.03 ug/L	98
34) Cyclohexane	0.00	56		N.D.	
35) Chloroform	10.42	83	858804	19.23 ug/L	100
36) Dibromofluoromethane	10.66	113	1371547	49.10 ug/L	81
38) 1,1,1-Trichloroethane	10.73	97	737319	20.70 ug/L	86
39) 1,1-Dichloropropene	10.88	75	646619	20.61 ug/L	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI007.D
Acq On : 14 Feb 2007 20:19
Sample : 7B15023-MS1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 15 9:53 2007

Vial: 7
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
40) Isobutyl alcohol	11.27	43	447854	242.28 ug/L #	47
42) Carbon Tetrachloride	10.64	117	620684	20.48 ug/L	99
43) d4-1,2-Dichloroethane	11.34	65	1634462	52.34 µg/L #	88
45) 1,2-Dichloroethane	11.42	62	674165	21.55 ug/L #	15
46) Benzene	11.20	78	1673832	20.87 ug/L	96
47) Trichloroethene	11.86	130	397921	17.49 ug/L	93
48) Methyl cyclohexane	11.88	83	57249	-1.68 µg/L #	55
49) 1,2-Dichloropropane	12.47	63	471084	20.36 ug/L	92
50) Methyl methacrylate	12.62	69	306749	20.14 ug/L	92
51) 1,4-Dioxane	12.72	88	4864	23.03 ug/L #	8
52) Dibromomethane	12.35	93	322295	20.09 ug/L #	73
53) Bromodichloromethane	12.50	83	695038	20.07 ug/L	99
54) 2-Chloroethyl vinyl ether	13.08	63	28111	52.04 ug/L	87
55) C-1,3-Dichloropropene	13.19	75	826520	21.67 ug/L	96
56) 4-Methyl-2-pentanone	13.83	100	144243	47.22 ug/L #	72
57) D8-Toluene	13.41	98	4330470	50.08 ug/L	95
60) Toluene	13.46	92	1017643	18.91 ug/L	98
61) T-1,3-Dichloropropene	13.88	75	731397	22.49 ug/L	98
62) Ethyl methacrylate	13.97	69	578707	18.34 ug/L	94
63) 1,1,2-Trichloroethane	14.06	97	408138	18.98 ug/L	91
64) 1,3-Dichloropropane	14.37	76	769318	19.45 ug/L	99
65) Tetrachloroethene	13.89	164	283270	11.49 ug/L	84
66) 2-Hexanone	14.68	43	687842	48.20 ug/L	97
67) Dibromochloromethane	14.27	129	483113	18.63 ug/L	97
68) 1,2-Dibromoethane	14.56	107	428045	18.64 ug/L	99
69) Chlorobenzene	15.09	112	1086048	19.81 ug/L	97
70) 1,1,1,2-Tetrachloroethane	15.13	131	400931	18.59 ug/L	96
71) Ethylbenzene	15.07	106	534540	18.91 ug/L	77
72) m-xylene & p-xylene	15.20	106	1443235	41.74 ug/L	99
73) O-Xylene	15.65	106	700000	19.33 ug/L	93
74) Styrene	15.69	104	1253490	20.30 ug/L	96
75) Bromoform	15.75	173	252366	19.41 ug/L	95
76) Isopropylbenzene	15.92	105	1832924	23.54 ug/L	93
77) C-1,4-Dichloro-2-butene	16.12	53	2088	0.26 ug/L	97
78) Bromofluorobenzene	16.22	95	1956480	50.02 ug/L #	82
80) 1,1,2,2-Tetrachloroethane	16.35	83	561762	21.09 ug/L	98
81) Bromobenzene	16.34	156	397524	19.11 ug/L	98
82) 1,2,3-Trichloropropane	16.51	75	743905	18.37 ug/L #	44
83) T-1,4-Dichloro-2-Butene	16.51	53	168314	20.58 ug/L #	94
84) n-Propylbenzene	16.30	91	2360228	21.30 ug/L	91
86) 2-Chlorotoluene	16.47	91	1609856	20.15 ug/L	96
87) 1,3,5-Trimethylbenzene	16.44	105	1540393	21.10 ug/L	98
88) 4-Chlorotoluene	16.63	91	1514455	21.17 ug/L	95
89) tert-Butylbenzene	16.77	119	1249460	20.93 ug/L	99
90) Pentachloroethane	16.82	167	236024	1776.23 ug/L	97
91) 1,2,4-Trimethylbenzene	16.83	105	1605874	20.37 ug/L	100
92) s-Butylbenzene	16.93	105	2028275	21.24 ug/L	91
93) 1,3-Dichlorobenzene	17.19	146	843163	21.09 ug/L	97
94) p-Isopropyltoluene	17.04	119	1542042	21.89 ug/L	97
95) 1,4-Dichlorobenzene	17.27	146	859681	21.32 ug/L	96
96) n-Butylbenzene	17.45	91	1569139	21.60 ug/L	94
97) 1,2-Dichlorobenzene	17.69	146	804176	20.15 ug/L	96
98) DBCP	18.33	157	1066	0.22 ug/L	80

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI007.D
Acq On : 14 Feb 2007 20:19
Sample : 7B15023-MS1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 15 9:53 2007

Vial: 7
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
99) 1,2,4-Trichlorobenzene	19.25	180	464612	21.09 ug/L	96
100) Hexachlorobutadiene	19.15	225	121535	20.29 ug/L	98
101) Naphthalene	19.67	128	1329626	21.17 ug/L	99
102) 1,2,3-Trichlorobenzene	19.91	180	415069	19.96 ug/L	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report

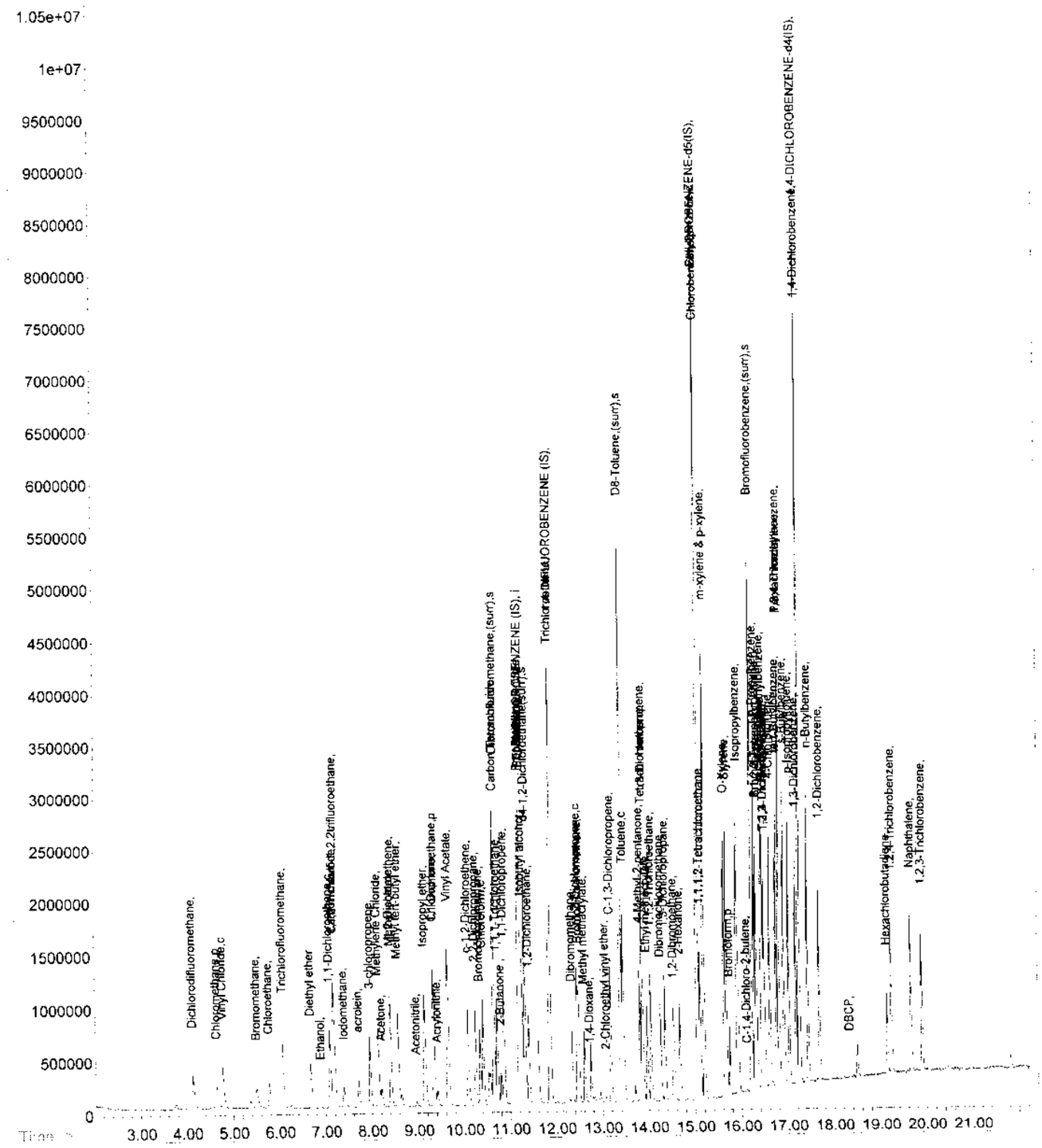
Data File : C:\HPCHEM\1\DATA\20077BI\7BI007.D
Acq On : 14 Feb 2007 20:19
Sample : 7B15023-MS1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 15 9:53 2007

Vial: 7
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration

TIC: 7BI007.D



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI008.D
Acq On : 14 Feb 2007 20:52
Sample : 7B15023-MSD1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 15 9:54 2007

Vial: 8
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	11.23	168	1669505	50.00	ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	11.87	114	3569776	50.00	ug/L	0.00
59) CHLOROBENZENE-d5(IS)	15.06	117	3489953	50.00	ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	17.25	152	1605007	50.00	ug/L	0.00
System Monitoring Compounds						
37) Dibromofluoromethane (surr	10.65	113	1355297	48.92	ug/L	0.00
Spiked Amount 50.000 Range 71 - 136 Recovery = 97.84%						
44) d4-1,2-Dichloroethane(surr	11.33	65	1616393	51.24	µg/L	0.00
Spiked Amount 50.000 Range 70 - 130 Recovery = 102.48%						
58) D8-Toluene (surr)	13.41	98	4360394	49.92	ug/L	0.00
Spiked Amount 50.000 Range 75 - 126 Recovery = 99.84%						
79) Bromofluorobenzene (surr)	16.21	95	1946008	50.40	ug/L	0.00
Spiked Amount 50.000 Range 76 - 120 Recovery = 100.80%						

Target Compounds						Qvalue
2) Dichlorodifluoromethane	4.14	85	488649	17.34	ug/L	98
3) Chloromethane	4.64	50	568593	17.77	ug/L	99
4) Vinyl Chloride	4.78	62	564830	19.95	ug/L	95
5) Bromomethane	5.51	94	263727	24.39	ug/L	95
6) Chloroethane	5.78	64	358638	21.75	ug/L	93
7) Trichlorofluoromethane	6.08	101	750611	22.71	ug/L	98
8) Diethyl ether	6.68	59	363969	18.97	µg/L	85
9) Ethanol	6.89	45	13163	100.90	ug/L	95
10) 1,2-Dichloro-1,1,2-triflur	0.00	117		No Calib	#	
11) acrolein	7.71	56	322502	125.23	ug/L	97
12) 1,1,2Trichloro-1,2,2triflu	7.18	151	261054	20.43	ug/L #	63
13) 1,1-Dichloroethene	7.10	96	383701	18.60	ug/L	92
14) Acetone	8.21	43	281227	48.23	ug/L	97
15) Methyl acetate	8.40	43	270001	12.80	µg/L #	85
16) Iodomethane	7.40	142	389993	6.09	ug/L	82
17) Carbon disulfide	7.19	76	1450424	26.61	ug/L	98
18) Acetonitrile	8.96	41	60084	21.31	ug/L	95
19) 3-chloropropene	7.97	41	565810	23.00	ug/L #	99
20) Methylene Chloride	8.15	84	527812	18.06	ug/L	97
21) Acrylonitrile	9.42	53	148867	20.44	ug/L	95
22) Methyl tert-butyl ether	8.57	73	1234660	19.13	ug/L	100
23) t-1,2-Dichloroethene	8.41	96	453130	19.53	ug/L	98
24) 1,1-Dichloroethane	9.36	63	817444	20.77	ug/L	95
25) Vinyl Acetate	9.67	43	951836	44.95	ug/L	99
26) Isopropyl ether	9.15	45	1508404	19.63	ug/L #	88
27) Chloroprene	9.34	88	345926	17.26	ug/L	99
28) 2-Butanone	10.80	72	100650	42.64	ug/L	77
29) c-1,2-Dichloroethene	10.09	96	476527	18.11	ug/L	96
30) 2,2-Dichloropropane	10.25	77	676693	31.36	ug/L	99
31) Propionitrile	11.20	54	53796	20.24	ug/L #	69
32) Methacrylonitrile	11.23	41	252879	19.22	ug/L	100
33) Bromochloromethane	10.35	128	210309	20.17	ug/L	98
34) Cyclohexane	0.00	56		N.D.		
35) Chloroform	10.42	83	854904	19.30	ug/L	99
36) Dibromofluoromethane	10.65	113	1355297	48.92	ug/L	80
38) 1,1,1-Trichloroethane	10.72	97	726567	20.57	ug/L	87
39) 1,1-Dichloropropene	10.88	75	641452	20.61	ug/L	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI008.D
Acq On : 14 Feb 2007 20:52
Sample : 7B15023-MSD1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 15 9:54 2007

Vial: 8
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00
Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
40) Isobutyl alcohol	11.45	43	1453	-2.85 ug/L	92
42) Carbon Tetrachloride	10.64	117	626069	20.45 ug/L	98
43) d4-1,2-Dichloroethane	11.33	65	1616393	51.24 µg/L #	88
45) 1,2-Dichloroethane	11.41	62	645527	20.43 ug/L #	16
46) Benzene	11.20	78	1631727	20.14 ug/L	99
47) Trichloroethene	11.86	130	429766	18.70 ug/L	96
48) Methyl cyclohexane	11.88	83	57359	-1.70 µg/L #	55
49) 1,2-Dichloropropane	12.47	63	470128	20.12 ug/L	94
50) Methyl methacrylate	12.61	69	293974	19.11 ug/L	90
51) 1,4-Dioxane	12.72	88	5378	25.21 ug/L	89
52) Dibromomethane	12.35	93	311791	19.24 ug/L #	76
53) Bromodichloromethane	12.49	83	691378	19.76 ug/L	98
54) 2-Chloroethyl vinyl ether	13.08	63	24655	51.44 ug/L	96
55) C-1,3-Dichloropropene	13.18	75	836283	21.70 ug/L	92
56) 4-Methyl-2-pentanone	13.82	100	135803	44.01 ug/L #	60
57) D8-Toluene	13.41	98	4360394	49.92 ug/L	96
60) Toluene	13.47	92	1021120	19.22 ug/L	98
61) T-1,3-Dichloropropene	13.87	75	736822	22.99 ug/L	99
62) Ethyl methacrylate	13.97	69	559700	17.97 ug/L	93
63) 1,1,2-Trichloroethane	14.06	97	406642	19.16 ug/L	92
64) 1,3-Dichloropropane	14.36	76	767107	19.64 ug/L	98
65) Tetrachloroethene	13.88	164	361332	14.84 ug/L	82
66) 2-Hexanone	14.68	43	684769	48.62 ug/L	97
67) Dibromochloromethane	14.27	129	471959	18.44 ug/L	100
68) 1,2-Dibromoethane	14.56	107	417060	18.40 ug/L	94
69) Chlorobenzene	15.08	112	1081223	19.98 ug/L	97
70) 1,1,1,2-Tetrachloroethane	15.12	131	382585	17.99 ug/L	96
71) Ethylbenzene	15.06	106	534603	19.16 ug/L	78
72) m-xylene & p-xylene	15.20	106	1401720	41.07 ug/L	95
73) O-Xylene	15.64	106	721114	20.18 ug/L	98
74) Styrene	15.68	104	1245584	20.44 ug/L	96
75) Bromoform	15.75	173	235015	18.32 ug/L	98
76) Isopropylbenzene	15.92	105	1826592	23.77 ug/L	95
77) C-1,4-Dichloro-2-butene	16.23	53	161280	20.73 ug/L #	1
78) Bromofluorobenzene	16.21	95	1946008	50.40 ug/L #	83
80) 1,1,2,2-Tetrachloroethane	16.34	83	577919	21.98 ug/L	99
81) Bromobenzene	16.33	156	399284	19.45 ug/L	100
82) 1,2,3-Trichloropropane	16.51	75	755005	18.89 ug/L #	43
83) T-1,4-Dichloro-2-Butene	16.51	53	170818	21.16 ug/L #	91
84) n-Propylbenzene	16.29	91	2387638	21.83 ug/L	91
86) 2-Chlorotoluene	16.47	91	1611168	20.15 ug/L	96
87) 1,3,5-Trimethylbenzene	16.44	105	1566866	21.45 ug/L	100
88) 4-Chlorotoluene	16.63	91	1537847	21.48 ug/L	95
89) tert-Butylbenzene	16.76	119	1239699	20.75 ug/L	97
90) Pentachloroethane	16.81	167	133803	1001.84 ug/L	97
91) 1,2,4-Trimethylbenzene	16.82	105	1656888	21.01 ug/L	100
92) s-Butylbenzene	16.92	105	1983976	20.76 ug/L	91
93) 1,3-Dichlorobenzene	17.19	146	839772	20.99 ug/L	97
94) p-Isopropyltoluene	17.04	119	1553256	22.04 ug/L	94
95) 1,4-Dichlorobenzene	17.27	146	841839	20.86 ug/L	97
96) n-Butylbenzene	17.44	91	1550842	21.33 ug/L	95
97) 1,2-Dichlorobenzene	17.69	146	802047	20.09 ug/L	98
98) DBCP	18.50	157	88527	18.09 ug/L	86

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI008.D
Acq On : 14 Feb 2007 20:52
Sample : 7B15023-MSD1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 15 9:54 2007

Vial: 8
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00
Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
99)	1,2,4-Trichlorobenzene	19.24	180	458766	20.81 ug/L	97
100)	Hexachlorobutadiene	19.15	225	128190	21.38 ug/L	99
101)	Naphthalene	19.67	128	1323881	21.06 ug/L	98
102)	1,2,3-Trichlorobenzene	19.90	180	433600	20.84 ug/L	97

(#) = qualifier out of range (m) = manual integration

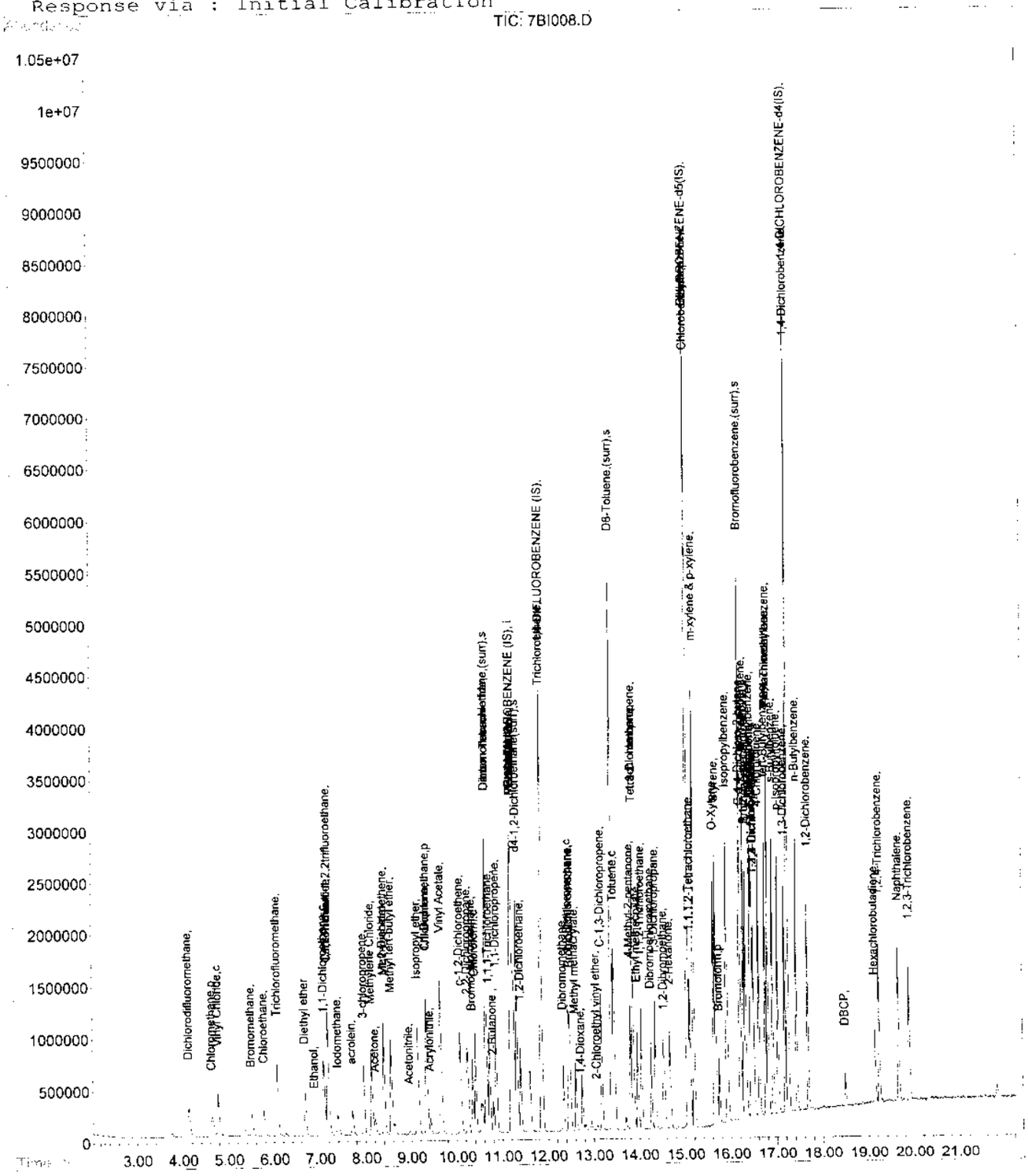
Quantitation Report

Data File : C:\HPCHEM\1\DATA\20077BI\7BI008.D
Acq On : 14 Feb 2007 20:52
Sample : 7B15023-MSD1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 15 9:54 2007

Vial: 8
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration



7BI008.D 8260W7BI.M Wed Feb 21 16:07:42 2007 Page 4

8260 Raw Data

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI019.D
Acq On : 15 Feb 2007 2:52
Sample : b700757-01
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:48 2007

Vial: 19
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	11.23	168	1602540	50.00 ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	11.88	114	3356338	50.00 ug/L	0.00
59) CHLOROBENZENE-d5(IS)	15.06	117	3318973	50.00 ug/L	-0.02
85) 1,4-DICHLOROBENZENE-d4(IS)	17.25	152	1514528	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	10.66	113	1316676	49.51 ug/L	0.00
Spiked Amount 50.000 Range 71 - 136			Recovery = 99.02%		
44) d4-1,2-Dichloroethane(surr	11.33	65	1579343	53.25 µg/L	-0.02
Spiked Amount 50.000 Range 70 - 130			Recovery = 106.50%		
58) D8-Toluene (surr)	13.40	98	4047114	49.28 ug/L	-0.02
Spiked Amount 50.000 Range 75 - 126			Recovery = 98.56%		
79) Bromofluorobenzene (surr)	16.21	95	1857513m	50.59 ug/L	0.00
Spiked Amount 50.000 Range 76 - 120			Recovery = 101.18%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85		N.D.	
3) Chloromethane	0.00	50		N.D.	
4) Vinyl Chloride	0.00	62		N.D.	
5) Bromomethane	0.00	94		N.D. d	
6) Chloroethane	0.00	64		N.D. d	
7) Trichlorofluoromethane	0.00	101		N.D.	
8) Diethyl ether	0.00	59		N.D.	
9) Ethanol	0.00	45		N.D. d	
10) 1,2-Dichloro-1,1,2-triflur	0.00	117		No Calib #	
11) acrolein	0.00	56		N.D. d	
12) 1,1,2Trichloro-1,2,2triflu	0.00	151		N.D.	
13) 1,1-Dichloroethene	0.00	96		N.D.	
14) Acetone	8.20	43	5680	-1.81 ug/L	88
15) Methyl acetate	0.00	43		N.D. d	
16) Iodomethane	7.38	142	787	-11.12 ug/L #	48
17) Carbon disulfide	0.00	76		N.D.	
18) Acetonitrile	0.00	41		N.D. d	
19) 3-chloropropene	7.95	41	1126	-0.26 ug/L #	14
20) Methylene Chloride	8.03	84	1669	-4.01 ug/L	80
21) Acrylonitrile	0.00	53		N.D.	
22) Methyl tert-butyl ether	0.00	73		N.D.	
23) t-1,2-Dichloroethene	0.00	96		N.D.	
24) 1,1-Dichloroethane	0.00	63		N.D.	
25) Vinyl Acetate	0.00	43		N.D.	
26) Isopropyl ether	0.00	45		N.D.	
27) Chloroprene	0.00	88		N.D.	
28) 2-Butanone	0.00	72		N.D. d	
29) c-1,2-Dichloroethene	0.00	96		N.D.	
30) 2,2-Dichloropropane	0.00	77		N.D.	
31) Propionitrile	0.00	54		N.D. d	
32) Methacrylonitrile	0.00	41		N.D.	
33) Bromochloromethane	0.00	128		N.D.	
34) Cyclohexane	0.00	56		N.D.	
35) Chloroform	0.00	83		N.D.	
36) Dibromofluoromethane	10.66	113	1316676	49.51 ug/L	79
38) 1,1,1-Trichloroethane	0.00	97		N.D.	
39) 1,1-Dichloropropene	0.00	75		N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI019.D
Acq On : 15 Feb 2007 2:52
Sample : b700757-01
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:48 2007

Vial: 19
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00
Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7B1.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
40) Isobutyl alcohol	11.46	43	1101	-3.02 ug/L	96
42) Carbon Tetrachloride	0.00	117		N.D.	
43) d4-1,2-Dichloroethane	11.33	65	1579343	53.25 µg/L #	87
45) 1,2-Dichloroethane	0.00	62		N.D.	
46) Benzene	11.19	78	97507	1.28 ug/L	87
47) Trichloroethene	0.00	130		N.D.	
48) Methyl cyclohexane	11.88	83	47086	-1.95 µg/L #	43
49) 1,2-Dichloropropane	0.00	63		N.D.	
50) Methyl methacrylate	0.00	69		N.D.	
51) 1,4-Dioxane	0.00	88		N.D. d	
52) Dibromomethane	0.00	93		N.D.	
53) Bromodichloromethane	0.00	83		N.D.	
54) 2-Chloroethyl vinyl ether	0.00	63		N.D. d	
55) C-1,3-Dichloropropene	0.00	75		N.D.	
56) 4-Methyl-2-pentanone	0.00	100		N.D. d	
57) D8-Toluene	13.40	98	4047114	49.28 ug/L	95
60) Toluene	0.00	92		N.D.	
61) T-1,3-Dichloropropene	13.87	75	820	-1.72 ug/L #	42
62) Ethyl methacrylate	0.00	69		N.D.	
63) 1,1,2-Trichloroethane	0.00	97		N.D.	
64) 1,3-Dichloropropane	0.00	76		N.D.	
65) Tetrachloroethene	0.00	164		N.D.	
66) 2-Hexanone	0.00	43		N.D.	
67) Dibromochloromethane	0.00	129		N.D.	
68) 1,2-Dibromoethane	0.00	107		N.D.	
69) Chlorobenzene	0.00	112		N.D.	
70) 1,1,1,2-Tetrachloroethane	0.00	131		N.D. d	
71) Ethylbenzene	0.00	106		N.D.	
72) m-xylene & p-xylene	0.00	106		N.D.	
73) O-Xylene	0.00	106		N.D.	
74) Styrene	0.00	104		N.D.	
75) Bromoform	0.00	173		N.D.	
76) Isopropylbenzene	0.00	105		N.D.	
77) C-1,4-Dichloro-2-butene	0.00	53		N.D.	
78) Bromofluorobenzene	16.21	95	1857513m	50.59 ug/L	93
80) 1,1,2,2-Tetrachloroethane	0.00	83		N.D.	
81) Bromobenzene	0.00	156		N.D.	
82) 1,2,3-Trichloropropane	0.00	75		N.D.	
83) T-1,4-Dichloro-2-Butene	0.00	53		N.D.	
84) n-Propylbenzene	0.00	91		N.D.	
86) 2-Chlorotoluene	0.00	91		N.D.	
87) 1,3,5-Trimethylbenzene	0.00	105		N.D.	
88) 4-Chlorotoluene	0.00	91		N.D.	
89) tert-Butylbenzene	0.00	119		N.D. d	
90) Pentachloroethane	0.00	167		N.D. d	
91) 1,2,4-Trimethylbenzene	16.82	105	74534	1.00 ug/L	98
92) s-Butylbenzene	0.00	105		N.D. d	
93) 1,3-Dichlorobenzene	0.00	146		N.D.	
94) p-Isopropyltoluene	0.00	119		N.D.	
95) 1,4-Dichlorobenzene	0.00	146		N.D.	
96) n-Butylbenzene	0.00	91		N.D.	
97) 1,2-Dichlorobenzene	0.00	146		N.D.	
98) DBCP	0.00	157		N.D. d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI019.D Vial: 19
Acq On : 15 Feb 2007 2:52 Operator: jdb
Sample : b700757-01 Inst : JVGCMS1
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:48 2007 Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

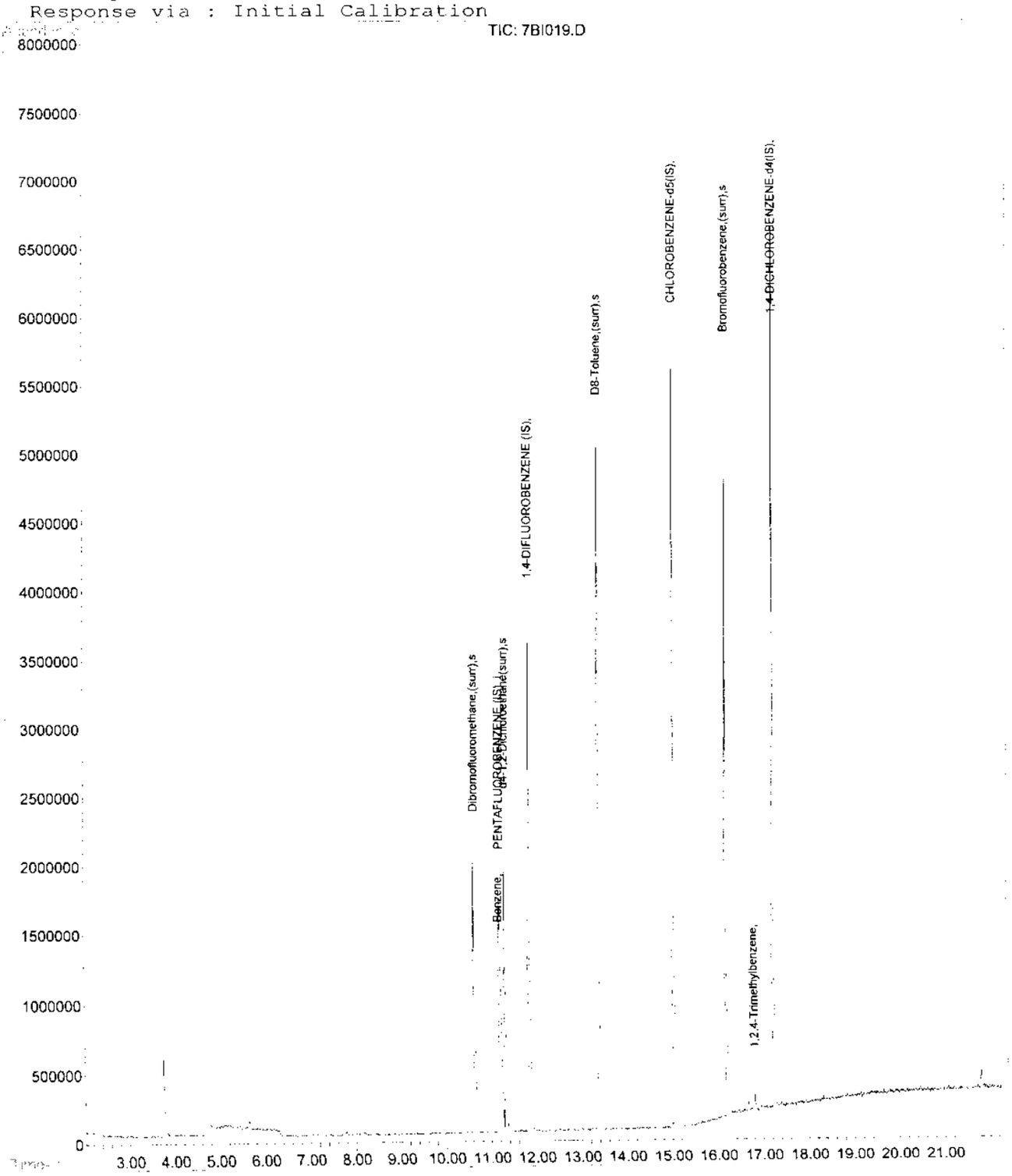
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
99)	1,2,4-Trichlorobenzene	0.00	180		N.D.	
100)	Hexachlorobutadiene	0.00	225		N.D.	
101)	Naphthalene	0.00	128		N.D.	
102)	1,2,3-Trichlorobenzene	0.00	180		N.D.	

(#) = qualifier out of range (m) = manual integration
7BI019.D 8260W7BI.M Fri Feb 16 11:48:14 2007 Page 3

Quantitation Report

Data File : C:\HPCHEM\1\DATA\20077BI\7BI019.D Vial: 19
Acq On : 15 Feb 2007 2:52 Operator: jdb
Sample : b700757-01 Inst : JVGCMS1
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:48 2007 Quant Results File: 8260W7BI.RES

Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\2007\BI\7BI020.D
Acq On : 15 Feb 2007 3:25
Sample : b700757-02
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:49 2007

Vial: 20
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Internal Standards	R.T.	Qion	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	11.22	168	1541177	50.00 ug/L	-0.01
41) 1,4-DIFLUOROBENZENE (IS)	11.87	114	3351044	50.00 ug/L	-0.01
59) CHLOROBENZENE-d5(IS)	15.06	117	3287692	50.00 ug/L	-0.01
85) 1,4-DICHLOROBENZENE-d4(IS)	17.25	152	1473209	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	10.65	113	1296878	50.71 ug/L	-0.01
Spiked Amount 50.000	Range 71 - 136		Recovery = 101.42%		
44) d4-1,2-Dichloroethane(surr	11.33	65	1575188	53.19 µg/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.38%		
58) D8-Toluene (surr)	13.40	98	4017170	48.99 ug/L	-0.01
Spiked Amount 50.000	Range 75 - 126		Recovery = 97.98%		
79) Bromofluorobenzene (surr)	16.21	95	1825577	50.19 ug/L	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 100.38%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85		N.D.	
3) Chloromethane	0.00	50		N.D.	
4) Vinyl Chloride	0.00	62		N.D.	
5) Bromomethane	0.00	94		N.D. d	
6) Chloroethane	0.00	64		N.D. d	
7) Trichlorofluoromethane	0.00	101		N.D.	
8) Diethyl ether	0.00	59		N.D.	
9) Ethanol	0.00	45		N.D. d	
10) 1,2-Dichloro-1,1,2-triflur	0.00	117		No Calib #	
11) acrolein	0.00	56		N.D. d	
12) 1,1,2Trichloro-1,2,2triflu	0.00	151		N.D.	
13) 1,1-Dichloroethene	0.00	96		N.D.	
14) Acetone	8.24	43	3626	-2.17 ug/L	64
15) Methyl acetate	0.00	43		N.D. d	
16) Iodomethane	7.41	142	587	-11.13 ug/L #	1
17) Carbon disulfide	7.18	76	14953	0.30 ug/L #	41
18) Acetonitrile	0.00	41		N.D. d	
19) 3-chloropropene	7.94	41	1651	-0.23 ug/L #	97
20) Methylene Chloride	8.12	84	3245	-3.93 ug/L #	5
21) Acrylonitrile	0.00	53		N.D. d	
22) Methyl tert-butyl ether	0.00	73		N.D.	
23) t-1,2-Dichloroethene	0.00	96		N.D.	
24) 1,1-Dichloroethane	0.00	63		N.D.	
25) Vinyl Acetate	0.00	43		N.D.	
26) Isopropyl ether	0.00	45		N.D.	
27) Chloroprene	0.00	88		N.D.	
28) 2-Butanone	0.00	72		N.D. d	
29) c-1,2-Dichloroethene	0.00	96		N.D.	
30) 2,2-Dichloropropane	0.00	77		N.D.	
31) Propionitrile	0.00	54		N.D.	
32) Methacrylonitrile	0.00	41		N.D.	
33) Bromochloromethane	0.00	128		N.D.	
34) Cyclohexane	0.00	56		N.D.	
35) Chloroform	0.00	83		N.D.	
36) Dibromofluoromethane	10.65	113	1296878	50.71 ug/L	79
38) 1,1,1-Trichloroethane	0.00	97		N.D.	
39) 1,1-Dichloropropene	0.00	75		N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI020.D
Acq On : 15 Feb 2007 3:25
Sample : b700757-02
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:49 2007

Vial: 20
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00
Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
40) Isobutyl alcohol	11.32	43	1237	-2.92 ug/L #	15
42) Carbon Tetrachloride	0.00	117		N.D. d	
43) d4-1,2-Dichloroethane	11.33	65	1575188	53.19 µg/L #	88
45) 1,2-Dichloroethane	0.00	62		N.D.	
46) Benzene	11.18	78	25134	0.33 ug/L	98
47) Trichloroethene	0.00	130		N.D.	
48) Methyl cyclohexane	11.87	83	50362	-1.82 µg/L #	51
49) 1,2-Dichloropropane	0.00	63		N.D.	
50) Methyl methacrylate	0.00	69		N.D.	
51) 1,4-Dioxane	0.00	88		N.D. d	
52) Dibromomethane	0.00	93		N.D.	
53) Bromodichloromethane	0.00	83		N.D.	
54) 2-Chloroethyl vinyl ether	0.00	63		N.D. d	
55) C-1,3-Dichloropropene	0.00	75		N.D.	
56) 4-Methyl-2-pentanone	0.00	100		N.D. d	
57) D8-Toluene	13.40	98	4017170	48.99 ug/L	95
60) Toluene	0.00	92		N.D.	
61) T-1,3-Dichloropropene	13.87	75	1309	-1.70 ug/L #	1
62) Ethyl methacrylate	0.00	69		N.D.	
63) 1,1,2-Trichloroethane	0.00	97		N.D.	
64) 1,3-Dichloropropane	0.00	76		N.D.	
65) Tetrachloroethene	0.00	164		N.D.	
66) 2-Hexanone	0.00	43		N.D. d	
67) Dibromochloromethane	0.00	129		N.D.	
68) 1,2-Dibromoethane	0.00	107		N.D.	
69) Chlorobenzene	0.00	112		N.D.	
70) 1,1,1,2-Tetrachloroethane	0.00	131		N.D. d	
71) Ethylbenzene	0.00	106		N.D.	
72) m-xylene & p-xylene	0.00	106		N.D.	
73) O-Xylene	0.00	106		N.D.	
74) Styrene	0.00	104		N.D.	
75) Bromoform	0.00	173		N.D.	
76) Isopropylbenzene	0.00	105		N.D.	
77) C-1,4-Dichloro-2-butene	0.00	53		N.D. d	
78) Bromofluorobenzene	16.21	95	1825577	50.19 ug/L #	83
80) 1,1,2,2-Tetrachloroethane	0.00	83		N.D.	
81) Bromobenzene	0.00	156		N.D.	
82) 1,2,3-Trichloropropane	0.00	75		N.D.	
83) T-1,4-Dichloro-2-Butene	0.00	53		N.D. d	
84) n-Propylbenzene	0.00	91		N.D.	
86) 2-Chlorotoluene	0.00	91		N.D.	
87) 1,3,5-Trimethylbenzene	0.00	105		N.D.	
88) 4-Chlorotoluene	0.00	91		N.D.	
89) tert-Butylbenzene	0.00	119		N.D. d	
90) Pentachloroethane	16.82	167	996	-1.83 ug/L #	11
91) 1,2,4-Trimethylbenzene	16.82	105	88994	1.23 ug/L	97
92) s-Butylbenzene	0.00	105		N.D.	
93) 1,3-Dichlorobenzene	0.00	146		N.D.	
94) p-Isopropyltoluene	0.00	119		N.D.	
95) 1,4-Dichlorobenzene	0.00	146		N.D.	
96) n-Butylbenzene	0.00	91		N.D.	
97) 1,2-Dichlorobenzene	0.00	146		N.D.	
98) DBCP	0.00	157		N.D. d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI020.D
Acq On : 15 Feb 2007 3:25
Sample : b700757-02
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:49 2007

Vial: 20
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
99) 1,2,4-Trichlorobenzene	0.00	180		N.D.	
100) Hexachlorobutadiene	0.00	225		N.D.	
101) Naphthalene	0.00	128		N.D.	
102) 1,2,3-Trichlorobenzene	0.00	180		N.D.	

(#) = qualifier out of range (m) = manual integration
7BI020.D 8260W7BI.M Fri Feb 16 11:49:24 2007

Quantitation Report

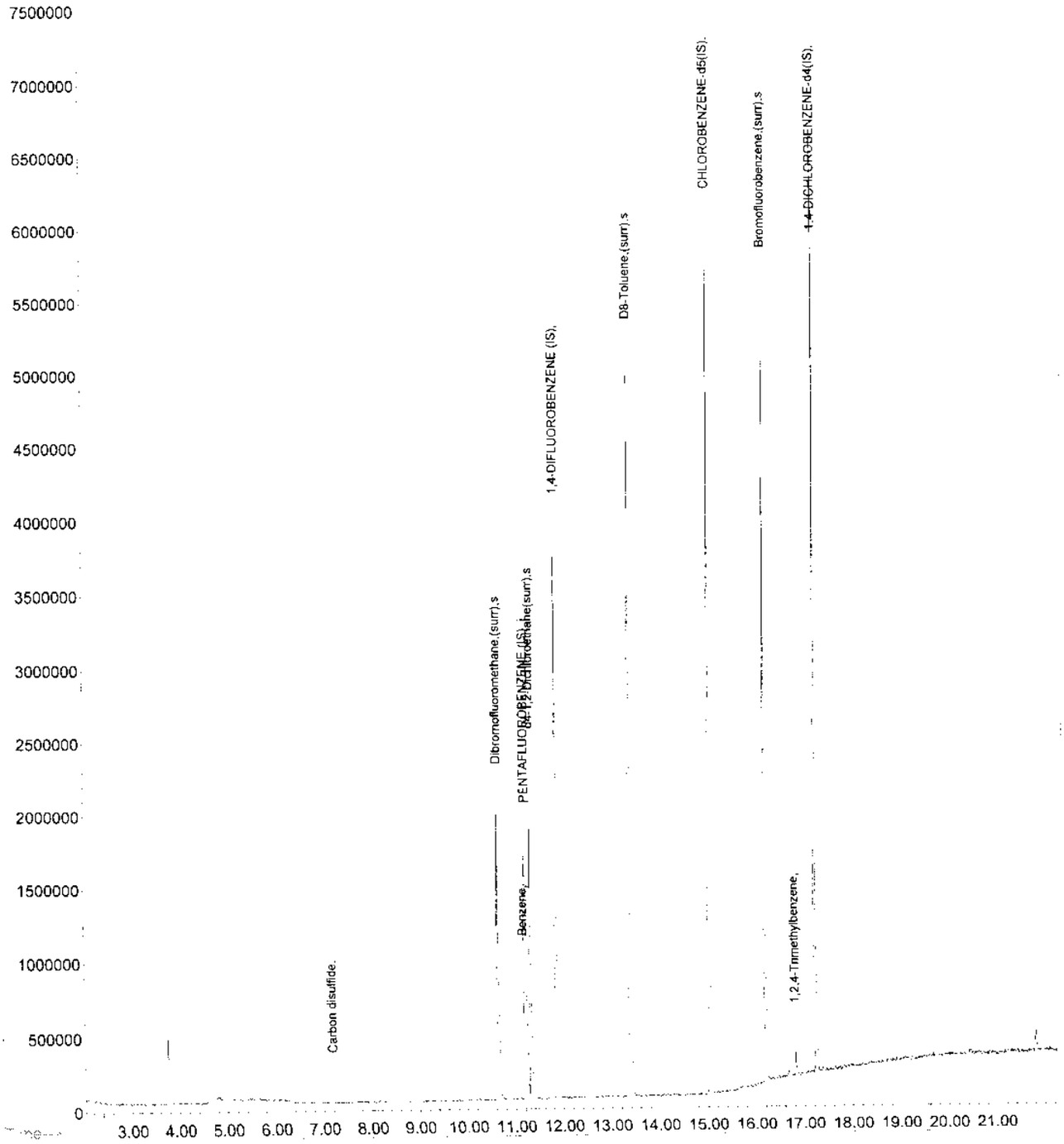
Data File : C:\HPCHEM\1\DATA\20077BI\7BI020.D
Acq On : 15 Feb 2007 3:25
Sample : b700757-02
Misc :
MS Integration Params: RTEINT.P
Quant. Time: Feb 16 11:49 2007

Vial: 20
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration

TIC: 7BI020.D



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI021.D
Acq On : 15 Feb 2007 3:58
Sample : b700757-03
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:50 2007

Vial: 21
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Internal Standards	R.T.	QTon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	11.22	168	1590681	50.00 ug/L	-0.01
41) 1,4-DIFLUOROBENZENE (IS)	11.87	114	3349282	50.00 ug/L	-0.01
59) CHLOROBENZENE-d5(IS)	15.06	117	3246153	50.00 ug/L	-0.01
85) 1,4-DICHLOROBENZENE-d4(IS)	17.25	152	1474685	50.00 ug/L	-0.01
System Monitoring Compounds					
37) Dibromofluoromethane (surr	10.65	113	1308356	49.57 ug/L	-0.01
Spiked Amount 50.000 Range 71 - 136			Recovery = 99.14%		
44) d4-1,2-Dichloroethane(surr	11.33	65	1589743	53.71 µg/L	-0.01
Spiked Amount 50.000 Range 70 - 130			Recovery = 107.42%		
58) D8-Toluene (surr)	13.41	98	4027535	49.15 ug/L	-0.01
Spiked Amount 50.000 Range 75 - 126			Recovery = 98.30%		
79) Bromofluorobenzene (surr)	16.21	95	1810564	50.42 ug/L	0.00
Spiked Amount 50.000 Range 76 - 120			Recovery = 100.84%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85		N.D.	
3) Chloromethane	0.00	50		N.D.	
4) Vinyl Chloride	0.00	62		N.D.	
5) Bromomethane	0.00	94		N.D.	
6) Chloroethane	0.00	64		N.D. d	
7) Trichlorofluoromethane	0.00	101		N.D.	
8) Diethyl ether	0.00	59		N.D.	
9) Ethanol	0.00	45		N.D. d	
10) 1,2-Dichloro-1,1,2-triflur	0.00	117		No Calib #	
11) acrolein	0.00	56		N.D.	
12) 1,1,2Trichloro-1,2,2triflu	0.00	151		N.D.	
13) 1,1-Dichloroethene	0.00	96		N.D.	
14) Acetone	8.36	43	4447	-2.03 ug/L	82
15) Methyl acetate	0.00	43		N.D. d	
16) Iodomethane	7.41	142	860	-11.11 ug/L #	65
17) Carbon disulfide	7.19	76	12187	0.23 ug/L	70
18) Acetonitrile	0.00	41		N.D. d	
19) 3-chloropropene	7.95	41	1403	-0.25 ug/L #	16
20) Methylene Chloride	8.14	84	4542	-3.88 ug/L	89
21) Acrylonitrile	0.00	53		N.D.	
22) Methyl tert-butyl ether	0.00	73		N.D.	
23) t-1,2-Dichloroethene	0.00	96		N.D.	
24) 1,1-Dichloroethane	0.00	63		N.D.	
25) Vinyl Acetate	0.00	43		N.D.	
26) Isopropyl ether	0.00	45		N.D.	
27) Chloroprene	0.00	88		N.D.	
28) 2-Butanone	0.00	72		N.D. d	
29) c-1,2-Dichloroethene	0.00	96		N.D.	
30) 2,2-Dichloropropane	0.00	77		N.D.	
31) Propionitrile	0.00	54		N.D. d	
32) Methacrylonitrile	0.00	41		N.D.	
33) Bromochloromethane	0.00	128		N.D.	
34) Cyclohexane	0.00	56		N.D.	
35) Chloroform	0.00	83		N.D.	
36) Dibromofluoromethane	10.65	113	1308356	49.57 ug/L	81
38) 1,1,1-Trichloroethane	0.00	97		N.D.	
39) 1,1-Dichloropropene	0.00	75		N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI021.D
Acq On : 15 Feb 2007 3:58
Sample : b700757-03
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:50 2007

Vial: 21
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
40) Isobutyl alcohol	11.31	43	610	-3.30 ug/L #	1
42) Carbon Tetrachloride	0.00	117		N.D. d	
43) d4-1,2-Dichloroethane	11.33	65	1589743	53.71 µg/L #	89
45) 1,2-Dichloroethane	0.00	62		N.D.	
46) Benzene	11.20	78	732888	9.64 ug/L	97
47) Trichloroethene	0.00	130		N.D.	
48) Methyl cyclohexane	11.87	83	52384	-1.75 µg/L #	43
49) 1,2-Dichloropropane	0.00	63		N.D.	
50) Methyl methacrylate	0.00	69		N.D.	
51) 1,4-Dioxane	0.00	88		N.D. d	
52) Dibromomethane	0.00	93		N.D.	
53) Bromodichloromethane	0.00	83		N.D.	
54) 2-Chloroethyl vinyl ether	0.00	63		N.D. d	
55) C-1,3-Dichloropropene	0.00	75		N.D.	
56) 4-Methyl-2-pentanone	0.00	100		N.D. d	
57) D8-Toluene	13.41	98	4027535	49.15 ug/L	96
60) Toluene	0.00	92		N.D.	
61) T-1,3-Dichloropropene	13.89	75	2493	-1.66 ug/L #	1
62) Ethyl methacrylate	0.00	69		N.D.	
63) 1,1,2-Trichloroethane	0.00	97		N.D.	
64) 1,3-Dichloropropane	0.00	76		N.D.	
65) Tetrachloroethene	0.00	164		N.D.	
66) 2-Hexanone	0.00	43		N.D.	
67) Dibromochloromethane	0.00	129		N.D.	
68) 1,2-Dibromoethane	0.00	107		N.D.	
69) Chlorobenzene	0.00	112		N.D.	
70) 1,1,1,2-Tetrachloroethane	0.00	131		N.D. d	
71) Ethylbenzene	0.00	106		N.D.	
72) m-xylene & p-xylene	0.00	106		N.D.	
73) O-Xylene	0.00	106		N.D.	
74) Styrene	0.00	104		N.D.	
75) Bromoform	0.00	173		N.D.	
76) Isopropylbenzene	0.00	105		N.D.	
77) C-1,4-Dichloro-2-butene	0.00	53		N.D. d	
78) Bromofluorobenzene	16.21	95	1810564	50.42 ug/L #	82
80) 1,1,2,2-Tetrachloroethane	0.00	83		N.D.	
81) Bromobenzene	0.00	156		N.D.	
82) 1,2,3-Trichloropropane	0.00	75		N.D.	
83) T-1,4-Dichloro-2-Butene	0.00	53		N.D. d	
84) n-Propylbenzene	0.00	91		N.D.	
86) 2-Chlorotoluene	0.00	91		N.D.	
87) 1,3,5-Trimethylbenzene	0.00	105		N.D.	
88) 4-Chlorotoluene	0.00	91		N.D.	
89) tert-Butylbenzene	0.00	119		N.D.	
90) Pentachloroethane	16.82	167	589	-5.19 ug/L #	1
91) 1,2,4-Trimethylbenzene	16.81	105	40923	0.56 ug/L	89
92) s-Butylbenzene	0.00	105		N.D. d	
93) 1,3-Dichlorobenzene	0.00	146		N.D.	
94) p-Isopropyltoluene	0.00	119		N.D.	
95) 1,4-Dichlorobenzene	0.00	146		N.D.	
96) n-Butylbenzene	0.00	91		N.D.	
97) 1,2-Dichlorobenzene	0.00	146		N.D.	
98) DBCP	0.00	157		N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI021.D
Acq On : 15 Feb 2007 3:58
Sample : b700757-03
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:50 2007

Vial: 21
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00
Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
99)	1,2,4-Trichlorobenzene	0.00	180		N.D.	
100)	Hexachlorobutadiene	0.00	225		N.D. d	
101)	Naphthalene	0.00	128		N.D.	
102)	1,2,3-Trichlorobenzene	0.00	180		N.D.	

(#) = qualifier out of range (m) = manual integration

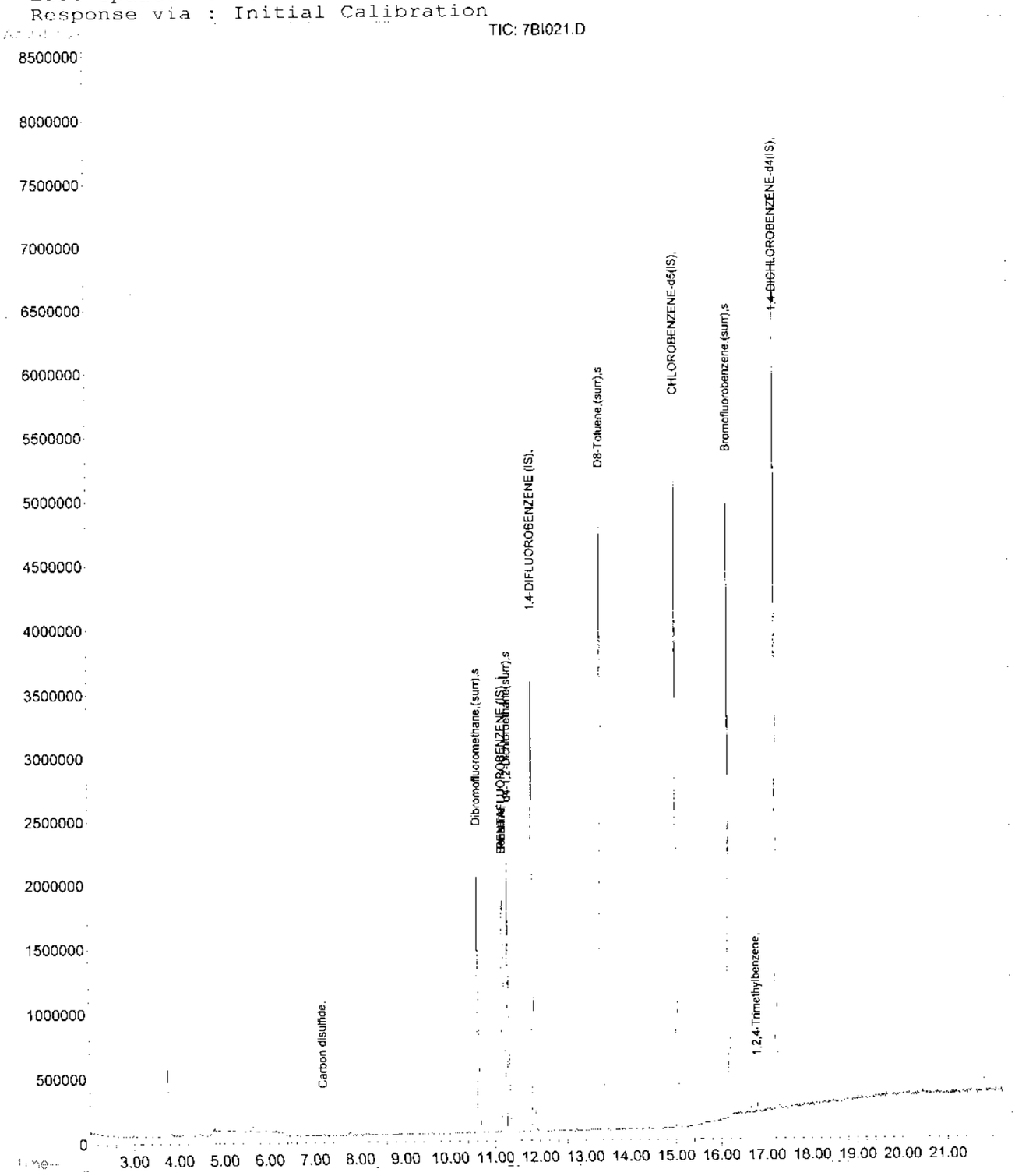
Quantitation Report

Data File : C:\HPCHEM\1\DATA\20077BI\7BI021.D
Acq On : 15 Feb 2007 3:58
Sample : b700757-03
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:50 2007

Vial: 21
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI022.D
Acq On : 15 Feb 2007 4:31
Sample : b700757-04
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:51 2007

Vial: 22
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	11.22	168	1602596	50.00 ug/L	-0.02
41) 1,4-DIFLUOROBENZENE (IS)	11.87	114	3312117	50.00 ug/L	-0.02
59) CHLOROBENZENE-d5(IS)	15.06	117	3293013	50.00 ug/L	-0.02
85) 1,4-DICHLOROBENZENE-d4(IS)	17.25	152	1488319	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	10.66	113	1298900	48.84 ug/L	0.00
Spiked Amount 50.000	Range 71 - 136		Recovery = 97.68%		
44) d4-1,2-Dichloroethane(surr	11.33	65	1584337	54.13 µg/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 108.26%		
58) D8-Toluene (surr)	13.40	98	4079070	50.33 ug/L	-0.02
Spiked Amount 50.000	Range 75 - 126		Recovery = 100.66%		
79) Bromofluorobenzene (surr)	16.21	95	1840227	50.51 ug/L	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 101.02%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85		N.D.	
3) Chloromethane	0.00	50		N.D.	
4) Vinyl Chloride	0.00	62		N.D.	
5) Bromomethane	0.00	94		N.D.	
6) Chloroethane	0.00	64		N.D. d	
7) Trichlorofluoromethane	0.00	101		N.D.	
8) Diethyl ether	0.00	59		N.D.	
9) Ethanol	0.00	45		N.D. d	
10) 1,2-Dichloro-1,1,2-triflur	0.00	117		No Calib #	
11) acrolein	0.00	56		N.D. d	
12) 1,1,2Trichloro-1,2,2triflu	0.00	151		N.D.	
13) 1,1-Dichloroethene	0.00	96		N.D.	
14) Acetone	8.24	43	7497	-1.46 ug/L	65
15) Methyl acetate	0.00	43		N.D. d	
16) Iodomethane	7.39	142	587	-11.13 ug/L #	29
17) Carbon disulfide	7.19	76	30477	0.58 ug/L	93
18) Acetonitrile	0.00	41		N.D. d	
19) 3-chloropropene	0.00	41		N.D.	
20) Methylene Chloride	8.14	84	3588	-3.92 ug/L #	89
21) Acrylonitrile	0.00	53		N.D. d	
22) Methyl tert-butyl ether	0.00	73		N.D.	
23) t-1,2-Dichloroethene	0.00	96		N.D.	
24) 1,1-Dichloroethane	0.00	63		N.D.	
25) Vinyl Acetate	0.00	43		N.D.	
26) Isopropyl ether	0.00	45		N.D.	
27) Chloroprene	0.00	88		N.D.	
28) 2-Butanone	0.00	72		N.D. d	
29) c-1,2-Dichloroethene	0.00	96		N.D.	
30) 2,2-Dichloropropane	0.00	77		N.D.	
31) Propionitrile	0.00	54		N.D. d	
32) Methacrylonitrile	0.00	41		N.D.	
33) Bromochloromethane	0.00	128		N.D.	
34) Cyclohexane	0.00	56		N.D.	
35) Chloroform	0.00	83		N.D.	
36) Dibromofluoromethane	10.66	113	1298900	48.84 ug/L	81
38) 1,1,1-Trichloroethane	0.00	97		N.D.	
39) 1,1-Dichloropropene	0.00	75		N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI022.D
Acq On : 15 Feb 2007 4:31
Sample : b700757-04
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:51 2007

Vial: 22
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
40) Isobutyl alcohol	11.36	43	2207	-2.39 ug/L	83
42) Carbon Tetrachloride	0.00	117		N.D. d	
43) d4-1,2-Dichloroethane	11.33	65	1584337	54.13 µg/L #	89
45) 1,2-Dichloroethane	0.00	62		N.D.	
46) Benzene	0.00	78		N.D.	
47) Trichloroethene	0.00	130		N.D.	
48) Methyl cyclohexane	11.88	83	48412	-1.88 µg/L #	49
49) 1,2-Dichloropropane	0.00	63		N.D.	
50) Methyl methacrylate	0.00	69		N.D.	
51) 1,4-Dioxane	0.00	88		N.D. d	
52) Dibromomethane	0.00	93		N.D.	
53) Bromodichloromethane	0.00	83		N.D.	
54) 2-Chloroethyl vinyl ether	0.00	63		N.D. d	
55) C-1,3-Dichloropropene	0.00	75		N.D.	
56) 4-Methyl-2-pentanone	0.00	100		N.D. d	
57) D8-Toluene	13.40	98	4079070	50.33 ug/L	96
60) Toluene	0.00	92		N.D.	
61) T-1,3-Dichloropropene	13.89	75	1009	-1.72 ug/L #	1
62) Ethyl methacrylate	0.00	69		N.D.	
63) 1,1,2-Trichloroethane	0.00	97		N.D.	
64) 1,3-Dichloropropane	0.00	76		N.D.	
65) Tetrachloroethene	0.00	164		N.D.	
66) 2-Hexanone	0.00	43		N.D.	
67) Dibromochloromethane	0.00	129		N.D.	
68) 1,2-Dibromoethane	0.00	107		N.D.	
69) Chlorobenzene	0.00	112		N.D.	
70) 1,1,1,2-Tetrachloroethane	0.00	131		N.D. d	
71) Ethylbenzene	0.00	106		N.D.	
72) m-xylene & p-xylene	0.00	106		N.D.	
73) O-Xylene	0.00	106		N.D.	
74) Styrene	0.00	104		N.D.	
75) Bromoform	0.00	173		N.D.	
76) Isopropylbenzene	0.00	105		N.D.	
77) C-1,4-Dichloro-2-butene	0.00	53		N.D.	
78) Bromofluorobenzene	16.21	95	1840227	50.51 ug/L #	83
80) 1,1,2,2-Tetrachloroethane	0.00	83		N.D.	
81) Bromobenzene	0.00	156		N.D.	
82) 1,2,3-Trichloropropane	0.00	75		N.D.	
83) T-1,4-Dichloro-2-Butene	0.00	53		N.D. d	
84) n-Propylbenzene	0.00	91		N.D.	
86) 2-Chlorotoluene	0.00	91		N.D.	
87) 1,3,5-Trimethylbenzene	0.00	105		N.D.	
88) 4-Chlorotoluene	0.00	91		N.D.	
89) tert-Butylbenzene	0.00	119		N.D.	
90) Pentachloroethane	0.00	167		N.D. d	
91) 1,2,4-Trimethylbenzene	0.00	105		N.D.	
92) s-Butylbenzene	0.00	105		N.D.	
93) 1,3-Dichlorobenzene	0.00	146		N.D.	
94) p-Isopropyltoluene	0.00	119		N.D.	
95) 1,4-Dichlorobenzene	0.00	146		N.D.	
96) n-Butylbenzene	0.00	91		N.D.	
97) 1,2-Dichlorobenzene	0.00	146		N.D.	
98) DBCP	0.00	157		N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI022.D
Acq On : 15 Feb 2007 4:31
Sample : b700757-04
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:51 2007

Vial: 22
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00
Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
99) 1,2,4-Trichlorobenzene	0.00	180		N.D.	
100) Hexachlorobutadiene	0.00	225		N.D. d	
101) Naphthalene	0.00	128		N.D.	
102) 1,2,3-Trichlorobenzene	0.00	180		N.D.	

(#) = qualifier out of range (m) = manual integration

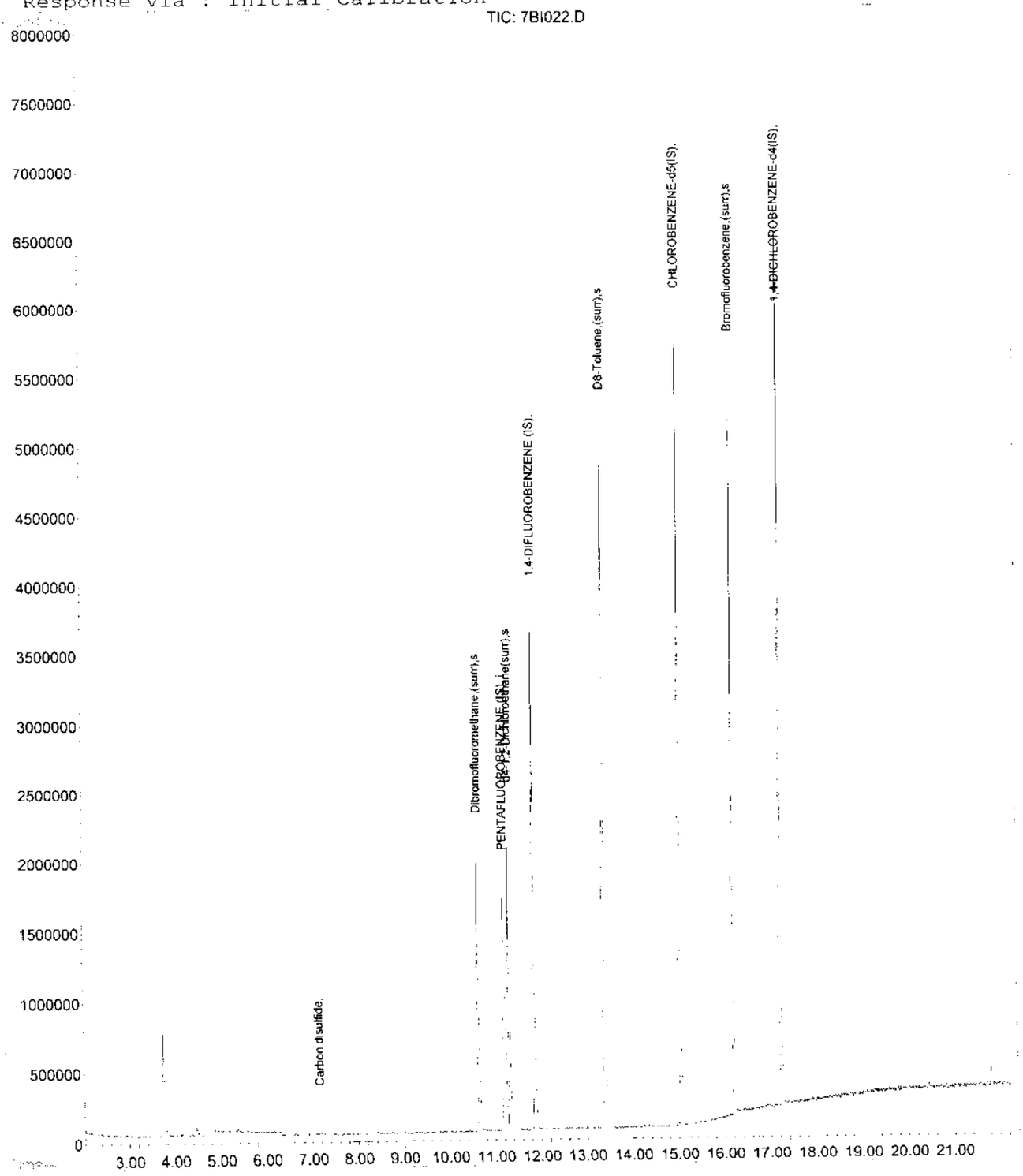
Quantitation Report

Data File : C:\HPCHEM\1\DATA\2007\BI\7BI022.D
Acq On : 15 Feb 2007 4:31
Sample : b700757-04
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:51 2007

Vial: 22
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI018.D
Acq On : 15 Feb 2007 2:20
Sample : b700757-05
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:46 2007

Vial: 18
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00
Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	11.23	168	1610635	50.00 ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	11.88	114	3384372	50.00 ug/L	0.00
59) CHLOROBENZENE-d5(IS)	15.06	117	3276087	50.00 ug/L	-0.01
85) 1,4-DICHLOROBENZENE-d4(IS)	17.25	152	1484177	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	10.66	113	1312656	49.11 ug/L	0.00
Spiked Amount 50.000 Range 71 - 136			Recovery = 98.22%		
44) d4-1,2-Dichloroethane(surr	11.33	65	1584605	52.99 µg/L	-0.01
Spiked Amount 50.000 Range 70 - 130			Recovery = 105.98%		
58) D8-Toluene (surr)	13.41	98	4058222	49.01 ug/L	-0.01
Spiked Amount 50.000 Range 75 - 126			Recovery = 98.02%		
79) Bromofluorobenzene (surr)	16.21	95	1829213	50.47 ug/L	0.00
Spiked Amount 50.000 Range 76 - 120			Recovery = 100.94%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85		N.D.	
3) Chloromethane	0.00	50		N.D.	
4) Vinyl Chloride	0.00	62		N.D.	
5) Bromomethane	0.00	94		N.D. d	
6) Chloroethane	0.00	64		N.D.	
7) Trichlorofluoromethane	0.00	101		N.D.	
8) Diethyl ether	6.69	59	8667	0.47 µg/L #	76
9) Ethanol	0.00	45		N.D. d	
10) 1,2-Dichloro-1,1,2-triflur	0.00	117		No Calib #	
11) acrolein	0.00	56		N.D. d	
12) 1,1,2Trichloro-1,2,2triflu	0.00	151		N.D.	
13) 1,1-Dichloroethene	0.00	96		N.D.	
14) Acetone	8.22	43	165550	28.30 ug/L	97
15) Methyl acetate	0.00	43		N.D. d	
16) Iodomethane	7.47	142	659	-11.12 ug/L	84
17) Carbon disulfide	0.00	76		N.D.	
18) Acetonitrile	0.00	41		N.D. d	
19) 3-chloropropene	0.00	41		N.D.	
20) Methylene Chloride	8.14	84	70344	-1.02 ug/L	92
21) Acrylonitrile	0.00	53		N.D.	
22) Methyl tert-butyl ether	0.00	73		N.D.	
23) t-1,2-Dichloroethene	0.00	96		N.D.	
24) 1,1-Dichloroethane	0.00	63		N.D.	
25) Vinyl Acetate	0.00	43		N.D.	
26) Isopropyl ether	0.00	45		N.D.	
27) Chloroprene	0.00	88		N.D.	
28) 2-Butanone	10.82	72	18349	8.06 ug/L	78
29) c-1,2-Dichloroethene	0.00	96		N.D.	
30) 2,2-Dichloropropane	0.00	77		N.D.	
31) Propionitrile	0.00	54		N.D. d	
32) Methacrylonitrile	0.00	41		N.D.	
33) Bromochloromethane	0.00	128		N.D.	
34) Cyclohexane	0.00	56		N.D.	
35) Chloroform	10.41	83	21706	0.51 ug/L	91
36) Dibromofluoromethane	10.66	113	1312656	49.11 ug/L	80
38) 1,1,1-Trichloroethane	0.00	97		N.D.	
39) 1,1-Dichloropropene	0.00	75		N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI018.D
Acq On : 15 Feb 2007 2:20
Sample : b700757-05
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:46 2007

Vial: 18
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00
Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
40) Isobutyl alcohol	11.31	43	1806	-2.62 ug/L #	62
42) Carbon Tetrachloride	0.00	117		N.D. d	
43) d4-1,2-Dichloroethane	11.33	65	1584605	52.99 µg/L #	87
45) 1,2-Dichloroethane	0.00	62		N.D.	
46) Benzene	0.00	78		N.D.	
47) Trichloroethene	0.00	130		N.D.	
48) Methyl cyclohexane	11.88	83	48911	-1.90 µg/L #	49
49) 1,2-Dichloropropane	0.00	63		N.D.	
50) Methyl methacrylate	0.00	69		N.D.	
51) 1,4-Dioxane	0.00	88		N.D. d	
52) Dibromomethane	0.00	93		N.D.	
53) Bromodichloromethane	0.00	83		N.D.	
54) 2-Chloroethyl vinyl ether	0.00	63		N.D. d	
55) C-1,3-Dichloropropene	0.00	75		N.D.	
56) 4-Methyl-2-pentanone	0.00	100		N.D.	
57) D8-Toluene	13.41	98	4058222	49.01 ug/L	96
60) Toluene	13.46	92	11973	0.24 ug/L	94
61) T-1,3-Dichloropropene	13.87	75	460	-1.73 ug/L #	1
62) Ethyl methacrylate	0.00	69		N.D.	
63) 1,1,2-Trichloroethane	0.00	97		N.D.	
64) 1,3-Dichloropropane	0.00	76		N.D.	
65) Tetrachloroethene	0.00	164		N.D.	
66) 2-Hexanone	0.00	43		N.D. d	
67) Dibromochloromethane	0.00	129		N.D.	
68) 1,2-Dibromoethane	0.00	107		N.D.	
69) Chlorobenzene	0.00	112		N.D.	
70) 1,1,1,2-Tetrachloroethane	0.00	131		N.D. d	
71) Ethylbenzene	0.00	106		N.D.	
72) m-xylene & p-xylene	0.00	106		N.D.	
73) O-Xylene	0.00	106		N.D.	
74) Styrene	0.00	104		N.D.	
75) Bromoform	0.00	173		N.D.	
76) Isopropylbenzene	0.00	105		N.D.	
77) C-1,4-Dichloro-2-butene	0.00	53		N.D. d	
78) Bromofluorobenzene	16.21	95	1829213	50.47 ug/L #	82
80) 1,1,2,2-Tetrachloroethane	0.00	83		N.D.	
81) Bromobenzene	0.00	156		N.D.	
82) 1,2,3-Trichloropropane	0.00	75		N.D.	
83) T-1,4-Dichloro-2-Butene	0.00	53		N.D. d	
84) n-Propylbenzene	0.00	91		N.D.	
86) 2-Chlorotoluene	0.00	91		N.D.	
87) 1,3,5-Trimethylbenzene	0.00	105		N.D.	
88) 4-Chlorotoluene	0.00	91		N.D.	
89) tert-Butylbenzene	0.00	119		N.D.	
90) Pentachloroethane	0.00	167		N.D. d	
91) 1,2,4-Trimethylbenzene	0.00	105		N.D.	
92) s-Butylbenzene	0.00	105		N.D.	
93) 1,3-Dichlorobenzene	0.00	146		N.D.	
94) p-Isopropyltoluene	0.00	119		N.D.	
95) 1,4-Dichlorobenzene	0.00	146		N.D.	
96) n-Butylbenzene	0.00	91		N.D.	
97) 1,2-Dichlorobenzene	0.00	146		N.D.	
98) DBCP	0.00	157		N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI018.D
Acq On : 15 Feb 2007 2:20
Sample : b700757-05
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:46 2007

Vial: 18
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
99)	1,2,4-Trichlorobenzene	0.00	180		N.D.	
100)	Hexachlorobutadiene	0.00	225		N.D. d	
101)	Naphthalene	0.00	128		N.D.	
102)	1,2,3-Trichlorobenzene	0.00	180		N.D.	

(#) = qualifier out of range (m) = manual integration
7BI018.D 8260W7BI.M Fri Feb 16 11:46:38 2007

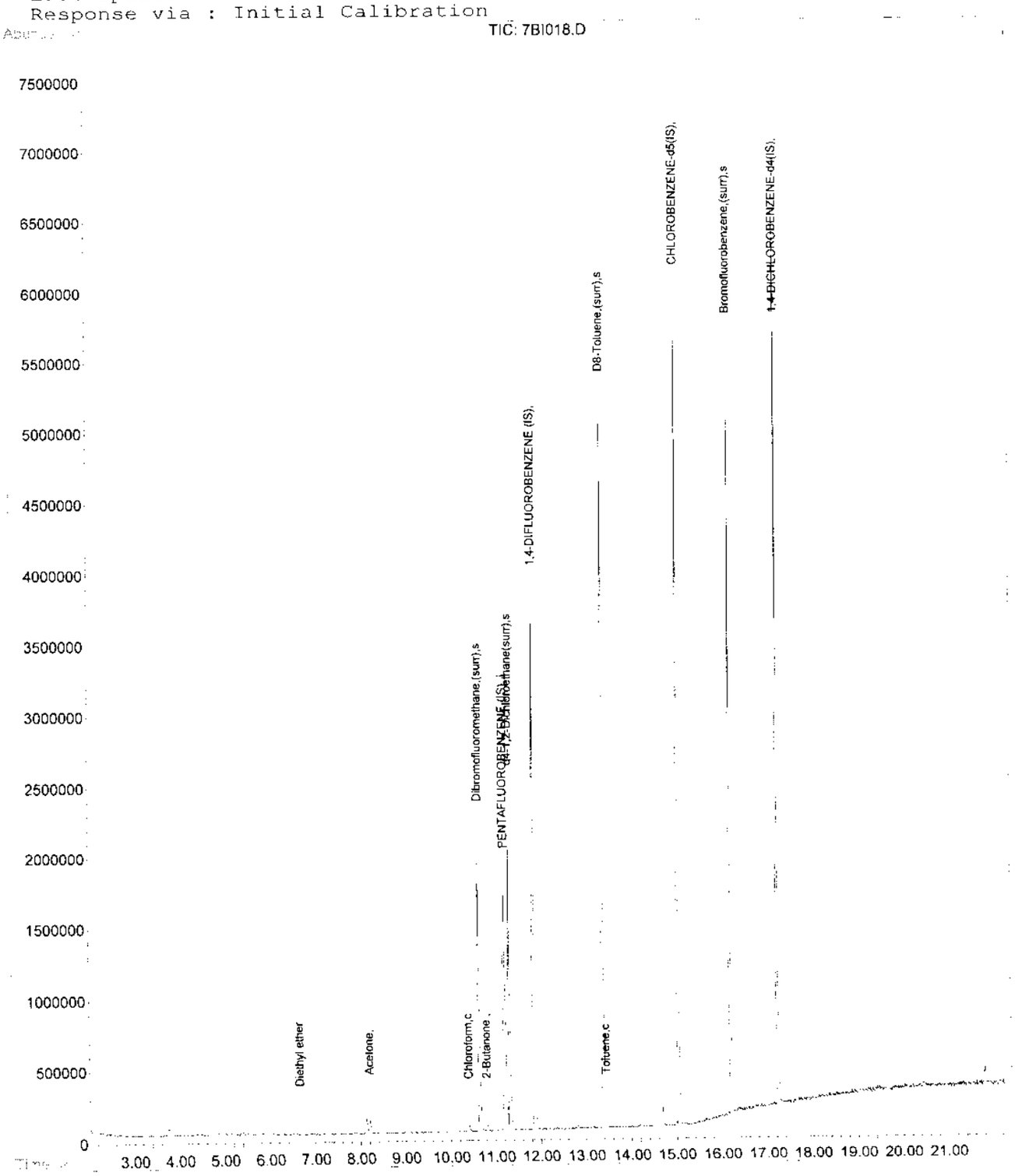
Quantitation Report

Data File : C:\HPCHEM\1\DATA\20077BI\7BI018.D
Acq On : 15 Feb 2007 2:20
Sample : b700757-05
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:46 2007

Vial: 18
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI023.D
Acq On : 15 Feb 2007 5:04
Sample : b700757-06
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:52 2007

Vial: 23
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Internal Standards	R.T.	Qion	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	11.22	168	1566045	50.00 ug/L	-0.02
41) 1,4-DIFLUOROBENZENE (IS)	11.87	114	3282205	50.00 ug/L	0.00
59) CHLOROBENZENE-d5(IS)	15.06	117	3229557	50.00 ug/L	0.00
85) 1,4-DICHLOROBENZENE-d4(IS)	17.25	152	1474268	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	10.65	113	1280538	49.27 ug/L	0.00
Spiked Amount 50.000	Range 71 - 136		Recovery = 98.54%		
44) d4-1,2-Dichloroethane(surr	11.32	65	1560045	53.79 µg/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 107.58%		
58) D8-Toluene (surr)	13.40	98	3932902	48.97 ug/L	-0.02
Spiked Amount 50.000	Range 75 - 126		Recovery = 97.94%		
79) Bromofluorobenzene (surr)	16.20	95	1813116	50.75 ug/L	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 101.50%		

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85		N.D.	
3) Chloromethane	0.00	50		N.D.	
4) Vinyl Chloride	0.00	62		N.D.	
5) Bromomethane	0.00	94		N.D.	
6) Chloroethane	0.00	64		N.D. d	
7) Trichlorofluoromethane	0.00	101		N.D.	
8) Diethyl ether	0.00	59		N.D.	
9) Ethanol	0.00	45		N.D. d	
10) 1,2-Dichloro-1,1,2-triflur	0.00	117		No Calib #	
11) acrolein	0.00	56		N.D. d	
12) 1,1,2Trichloro-1,2,2triflu	0.00	151		N.D.	
13) 1,1-Dichloroethene	0.00	96		N.D.	
14) Acetone	8.24	43	2459	-2.40 ug/L	85
15) Methyl acetate	0.00	43		N.D. d	
16) Iodomethane	7.39	142	666	-11.12 ug/L #	51
17) Carbon disulfide	0.00	76		N.D.	
18) Acetonitrile	0.00	41		N.D. d	
19) 3-chloropropene	7.91	41	1352	-0.25 ug/L #	37
20) Methylene Chloride	8.22	84	988	-4.04 ug/L	87
21) Acrylonitrile	0.00	53		N.D.	
22) Methyl tert-butyl ether	0.00	73		N.D.	
23) t-1,2-Dichloroethene	0.00	96		N.D.	
24) 1,1-Dichloroethane	0.00	63		N.D.	
25) Vinyl Acetate	0.00	43		N.D.	
26) Isopropyl ether	0.00	45		N.D.	
27) Chloroprene	0.00	88		N.D.	
28) 2-Butanone	0.00	72		N.D.	
29) c-1,2-Dichloroethene	0.00	96		N.D.	
30) 2,2-Dichloropropane	0.00	77		N.D.	
31) Propionitrile	0.00	54		N.D. d	
32) Methacrylonitrile	0.00	41		N.D.	
33) Bromochloromethane	0.00	128		N.D.	
34) Cyclohexane	0.00	56		N.D.	
35) Chloroform	0.00	83		N.D.	
36) Dibromofluoromethane	10.65	113	1280538	49.27 ug/L	79
38) 1,1,1-Trichloroethane	0.00	97		N.D.	
39) 1,1-Dichloropropene	0.00	75		N.D.	

(#) = qualifier out of range (m) - manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077B1\7BI023.D
Acq On : 15 Feb 2007 5:04
Sample : b700757-06
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:52 2007

Vial: 23
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
40) Isobutyl alcohol	11.30	43	1286	-2.90 ug/L #	82
42) Carbon Tetrachloride	0.00	117		N.D. d	
43) d4-1,2-Dichloroethane	11.32	65	1560045	53.79 µg/L #	89
45) 1,2-Dichloroethane	0.00	62		N.D.	
46) Benzene	11.20	78	92905	1.25 ug/L	92
47) Trichloroethene	0.00	130		N.D.	
48) Methyl cyclohexane	11.86	83	52298	-1.71 µg/L #	42
49) 1,2-Dichloropropane	0.00	63		N.D.	
50) Methyl methacrylate	0.00	69		N.D.	
51) 1,4-Dioxane	0.00	88		N.D. d	
52) Dibromomethane	0.00	93		N.D.	
53) Bromodichloromethane	0.00	83		N.D.	
54) 2-Chloroethyl vinyl ether	0.00	63		N.D. d	
55) C-1,3-Dichloropropene	0.00	75		N.D.	
56) 4-Methyl-2-pentanone	0.00	100		N.D. d	
57) D8-Toluene	13.40	98	3932902	48.97 ug/L	96
60) Toluene	0.00	92		N.D.	
61) T-1,3-Dichloropropene	13.89	75	707	-1.73 ug/L #	1
62) Ethyl methacrylate	0.00	69		N.D.	
63) 1,1,2-Trichloroethane	0.00	97		N.D.	
64) 1,3-Dichloropropane	0.00	76		N.D.	
65) Tetrachloroethene	0.00	164		N.D.	
66) 2-Hexanone	0.00	43		N.D.	
67) Dibromochloromethane	0.00	129		N.D.	
68) 1,2-Dibromoethane	0.00	107		N.D.	
69) Chlorobenzene	0.00	112		N.D.	
70) 1,1,1,2-Tetrachloroethane	0.00	131		N.D. d	
71) Ethylbenzene	0.00	106		N.D.	
72) m-xylene & p-xylene	0.00	106		N.D.	
73) O-Xylene	0.00	106		N.D.	
74) Styrene	0.00	104		N.D.	
75) Bromoform	0.00	173		N.D.	
76) Isopropylbenzene	0.00	105		N.D.	
77) C-1,4-Dichloro-2-butene	0.00	53		N.D. d	
78) Bromofluorobenzene	16.20	95	1813116	50.75 ug/L #	83
80) 1,1,2,2-Tetrachloroethane	0.00	83		N.D.	
81) Bromobenzene	0.00	156		N.D.	
82) 1,2,3-Trichloropropane	0.00	75		N.D.	
83) T-1,4-Dichloro-2-Butene	0.00	53		N.D. d	
84) n-Propylbenzene	0.00	91		N.D.	
86) 2-Chlorotoluene	0.00	91		N.D.	
87) 1,3,5-Trimethylbenzene	0.00	105		N.D.	
88) 4-Chlorotoluene	0.00	91		N.D.	
89) tert-Butylbenzene	0.00	119		N.D.	
90) Pentachloroethane	0.00	167		N.D. d	
91) 1,2,4-Trimethylbenzene	16.81	105	59853	0.83 ug/L	95
92) s-Butylbenzene	0.00	105		N.D. d	
93) 1,3-Dichlorobenzene	0.00	146		N.D.	
94) p-Isopropyltoluene	0.00	119		N.D.	
95) 1,4-Dichlorobenzene	0.00	146		N.D.	
96) n-Butylbenzene	0.00	91		N.D.	
97) 1,2-Dichlorobenzene	0.00	146		N.D.	
98) DBCP	0.00	157		N.D. d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI023.D
Acq On : 15 Feb 2007 5:04
Sample : b700757-06
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:52 2007

Vial: 23
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00
Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
99) 1,2,4-Trichlorobenzene	0.00	180		N.D.	
100) Hexachlorobutadiene	0.00	225		N.D.	
101) Naphthalene	0.00	128		N.D.	
102) 1,2,3-Trichlorobenzene	0.00	180		N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

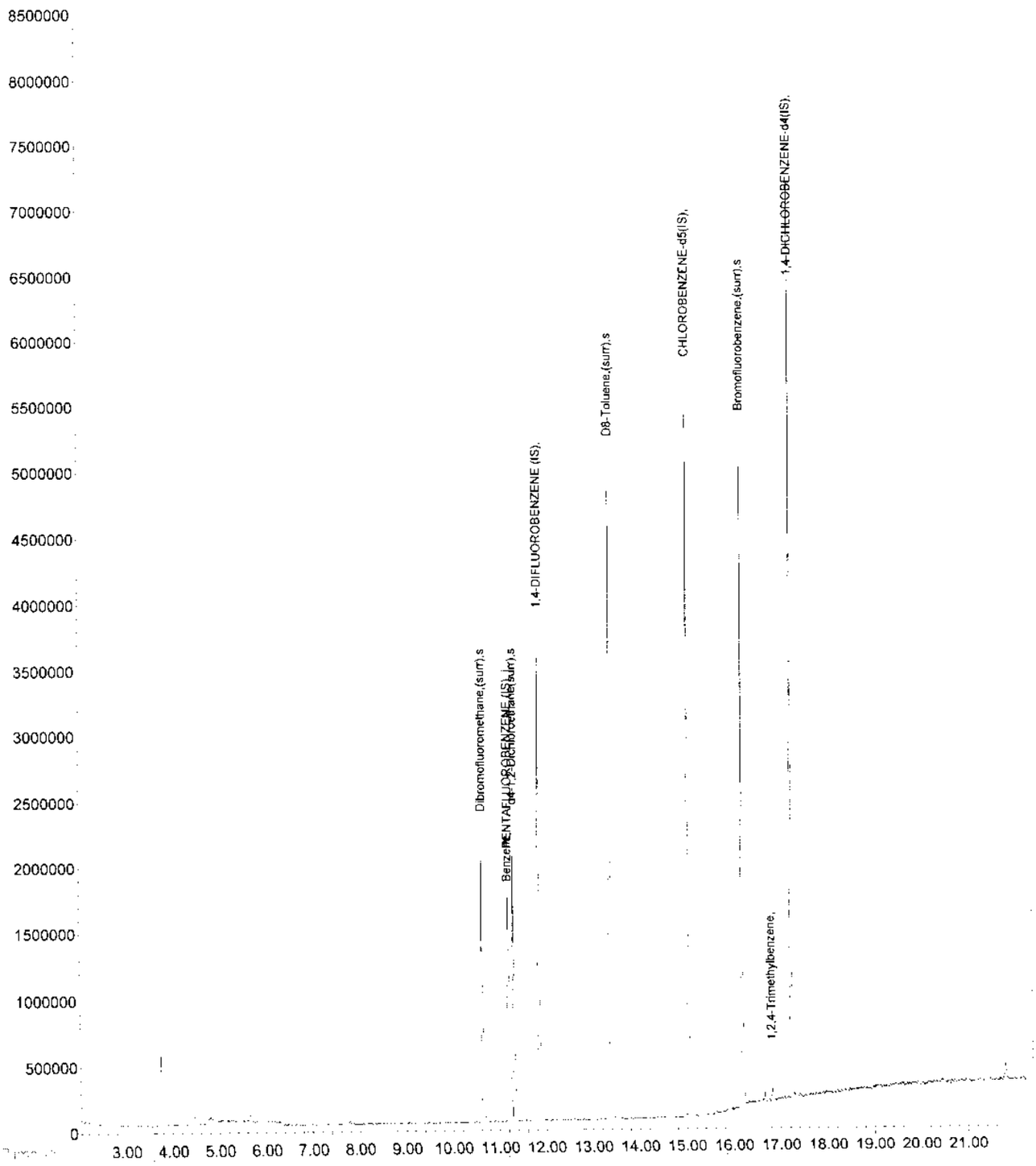
Data File : C:\HPCHEM\1\DATA\20077BI\7BI023.D
Acq On : 15 Feb 2007 5:04
Sample : b700757-06
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:52 2007

Vial: 23
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration

TIC: 7BI023.D



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI017.D
Acq On : 15 Feb 2007 1:47
Sample : b700757-07
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:45 2007

Vial: 17
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00
Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	11.23	168	1630674	50.00 ug/L	0.00
41) 1,4-DIFLUOROBENZENE (IS)	11.88	114	3361775	50.00 ug/L	0.00
59) CHLOROBENZENE-d5(IS)	15.06	117	3299491	50.00 ug/L	-0.01
85) 1,4-DICHLOROBENZENE-d4(IS)	17.25	152	1497457	50.00 ug/L	0.00
System Monitoring Compounds					
37) Dibromofluoromethane (surr	10.66	113	1310265	48.42 ug/L	0.00
Spiked Amount 50.000 Range 71 - 136 Recovery = 96.84%					
44) d4-1,2-Dichloroethane(surr	11.33	65	1602812	53.95 µg/L	-0.01
Spiked Amount 50.000 Range 70 - 130 Recovery = 107.90%					
58) D8-Toluene (surr)	13.40	98	4090904	49.73 ug/L	-0.01
Spiked Amount 50.000 Range 75 - 126 Recovery = 99.46%					
79) Bromofluorobenzene (surr)	16.21	95	1868157	51.18 ug/L	0.00
Spiked Amount 50.000 Range 76 - 120 Recovery = 102.36%					

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85		N.D.	
3) Chloromethane	0.00	50		N.D.	
4) Vinyl Chloride	0.00	62		N.D.	
5) Bromomethane	0.00	94		N.D.	
6) Chloroethane	0.00	64		N.D.	
7) Trichlorofluoromethane	0.00	101		N.D.	
8) Diethyl ether	0.00	59		N.D.	
9) Ethanol	0.00	45		N.D. d	
10) 1,2-Dichloro-1,1,2-triflur	0.00	117		No Calib #	
11) acrolein	0.00	56		N.D. d	
12) 1,1,2Trichloro-1,2,2triflu	0.00	151		N.D.	
13) 1,1-Dichloroethene	0.00	96		N.D.	
14) Acetone	8.22	43	19580	0.76 ug/L	78
15) Methyl acetate	0.00	43		N.D. d	
16) Iodomethane	7.41	142	608	-11.13 ug/L #	54
17) Carbon disulfide	0.00	76		N.D.	
18) Acetonitrile	0.00	41		N.D. d	
19) 3-chloropropene	7.94	41	782	-0.27 ug/L #	1
20) Methylene Chloride	8.13	84	21469	-3.16 ug/L #	74
21) Acrylonitrile	0.00	53		N.D.	
22) Methyl tert-butyl ether	0.00	73		N.D.	
23) t-1,2-Dichloroethene	0.00	96		N.D.	
24) 1,1-Dichloroethane	0.00	63		N.D.	
25) Vinyl Acetate	0.00	43		N.D. d	
26) Isopropyl ether	0.00	45		N.D.	
27) Chloroprene	0.00	88		N.D.	
28) 2-Butanone	0.00	72		N.D. d	
29) c-1,2-Dichloroethene	0.00	96		N.D.	
30) 2,2-Dichloropropane	0.00	77		N.D. d	
31) Propionitrile	0.00	54		N.D. d	
32) Methacrylonitrile	0.00	41		N.D.	
33) Bromochloromethane	0.00	128		N.D.	
34) Cyclohexane	0.00	56		N.D.	
35) Chloroform	0.00	83		N.D.	
36) Dibromofluoromethane	10.66	113	1310265	48.42 ug/L	80
38) 1,1,1-Trichloroethane	0.00	97		N.D.	
39) 1,1-Dichloropropene	0.00	75		N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI017.D
Acq On : 15 Feb 2007 1:47
Sample : b700757-07
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:45 2007

Vial: 17
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
40) Isobutyl alcohol	11.39	43	1505	-2.80 ug/L	84
42) Carbon Tetrachloride	0.00	117		N.D.	
43) d4-1,2-Dichloroethane	11.33	65	1602812	53.95 µg/L #	88
45) 1,2-Dichloroethane	0.00	62		N.D.	
46) Benzene	0.00	78		N.D.	
47) Trichloroethene	0.00	130		N.D.	
48) Methyl cyclohexane	11.87	83	49616	-1.86 µg/L #	46
49) 1,2-Dichloropropane	0.00	63		N.D.	
50) Methyl methacrylate	0.00	69		N.D.	
51) 1,4-Dioxane	0.00	88		N.D. d	
52) Dibromomethane	0.00	93		N.D.	
53) Bromodichloromethane	0.00	83		N.D.	
54) 2-Chloroethyl vinyl ether	0.00	63		N.D. d	
55) C-1,3-Dichloropropene	0.00	75		N.D.	
56) 4-Methyl-2-pentanone	0.00	100		N.D.	
57) D8-Toluene	13.40	98	4090904	49.73 ug/L	96
60) Toluene	13.47	92	12035	0.24 ug/L	93
61) T-1,3-Dichloropropene	13.87	75	1879	-1.68 ug/L #	1
62) Ethyl methacrylate	0.00	69		N.D.	
63) 1,1,2-Trichloroethane	0.00	97		N.D.	
64) 1,3-Dichloropropane	0.00	76		N.D.	
65) Tetrachloroethene	0.00	164		N.D.	
66) 2-Hexanone	0.00	43		N.D. d	
67) Dibromochloromethane	0.00	129		N.D.	
68) 1,2-Dibromoethane	0.00	107		N.D.	
69) Chlorobenzene	0.00	112		N.D.	
70) 1,1,1,2-Tetrachloroethane	0.00	131		N.D. d	
71) Ethylbenzene	0.00	106		N.D.	
72) m-xylene & p-xylene	0.00	106		N.D.	
73) O-Xylene	0.00	106		N.D.	
74) Styrene	0.00	104		N.D.	
75) Bromoform	0.00	173		N.D.	
76) Isopropylbenzene	0.00	105		N.D.	
77) C-1,4-Dichloro-2-butene	0.00	53		N.D.	
78) Bromofluorobenzene	16.21	95	1868157	51.18 ug/L #	83
80) 1,1,2,2-Tetrachloroethane	0.00	83		N.D.	
81) Bromobenzene	0.00	156		N.D.	
82) 1,2,3-Trichloropropane	0.00	75		N.D.	
83) T-1,4-Dichloro-2-Butene	0.00	53		N.D. d	
84) n-Propylbenzene	0.00	91		N.D.	
86) 2-Chlorotoluene	0.00	91		N.D.	
87) 1,3,5-Trimethylbenzene	0.00	105		N.D.	
88) 4-Chlorotoluene	0.00	91		N.D.	
89) tert-Butylbenzene	0.00	119		N.D.	
90) Pentachloroethane	16.72	167	1130	-0.88 ug/L	85
91) 1,2,4-Trimethylbenzene	0.00	105		N.D.	
92) s-Butylbenzene	0.00	105		N.D.	
93) 1,3-Dichlorobenzene	0.00	146		N.D.	
94) p-Isopropyltoluene	0.00	119		N.D.	
95) 1,4-Dichlorobenzene	0.00	146		N.D.	
96) n-Butylbenzene	0.00	91		N.D.	
97) 1,2-Dichlorobenzene	0.00	146		N.D.	
98) DBCP	0.00	157		N.D. d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI017.D
Acq On : 15 Feb 2007 1:47
Sample : b700757-07
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:45 2007

Vial: 17
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
99)	1,2,4-Trichlorobenzene	0.00	180		N.D.	
100)	Hexachlorobutadiene	0.00	225		N.D. d	
101)	Naphthalene	0.00	128		N.D.	
102)	1,2,3-Trichlorobenzene	0.00	180		N.D.	

(#) = qualifier out of range (m) = manual integration
7BI017.D 8260W7BI.M Fri Feb 16 11:45:25 2007

Quantitation Report

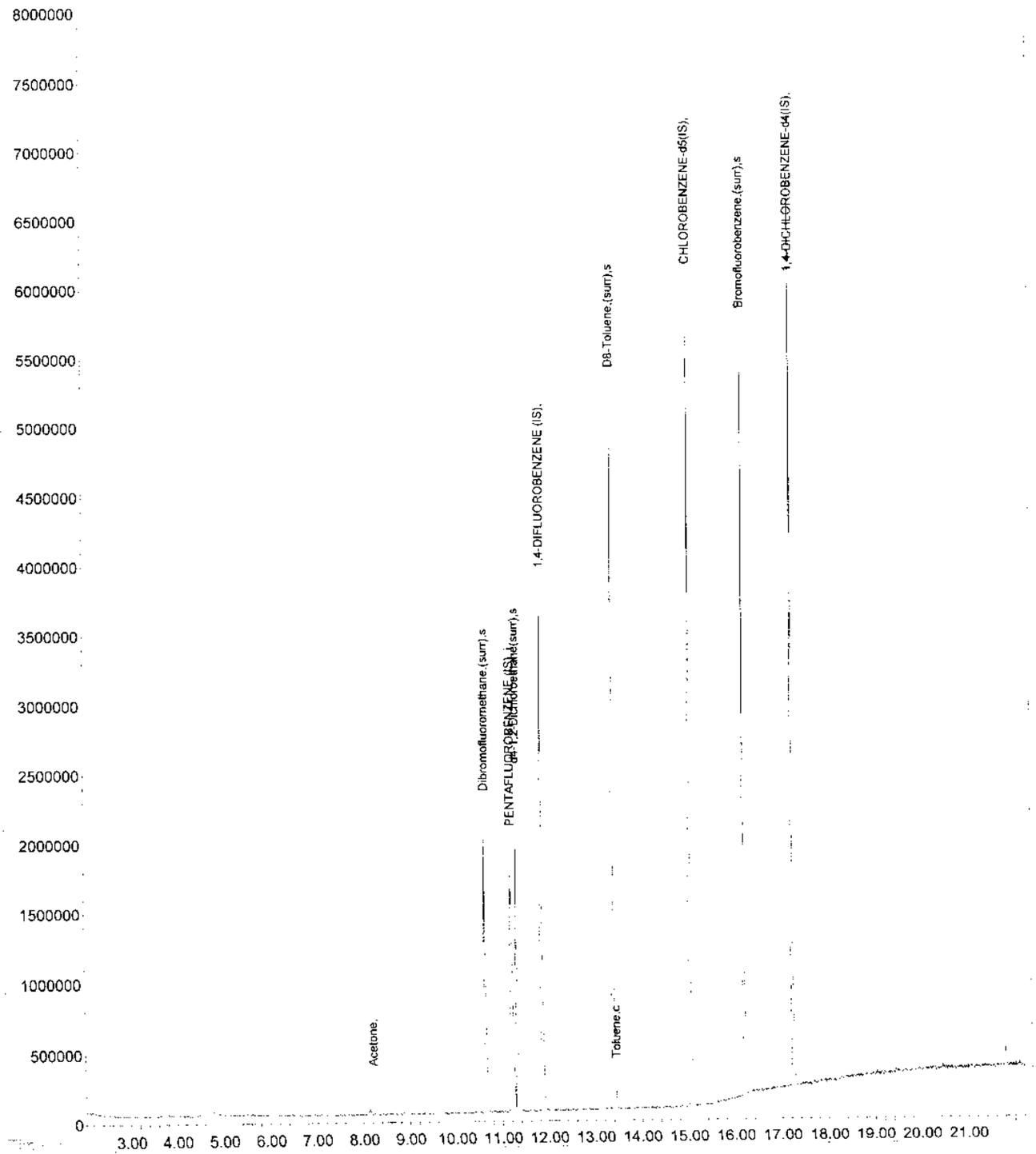
Data File : C:\HPCHEM\1\DATA\20077BI\7BI017.D
Acq On : 15 Feb 2007 1:47
Sample : b700757-07
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:45 2007

Vial: 17
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration

TIC: 7BI017.D



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI010.D
Acq On : 14 Feb 2007 21:58
Sample : B701389-01
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:29 2007

Vial: 10
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) PENTAFLUOROBENZENE (IS)	11.22	168	1660709m	50.00	ug/L	-0.01
41) 1,4-DIFLUOROBENZENE (IS)	11.87	114	3516762	50.00	ug/L	-0.01
59) CHLOROBENZENE-d5(IS)	15.06	117	3397176	50.00	ug/L	-0.01
85) 1,4-DICHLOROBENZENE-d4(IS)	17.24	152	1569127	50.00	ug/L	-0.01
System Monitoring Compounds						
37) Dibromofluoromethane (surr	10.65	113	1364019	49.50	ug/L	-0.01
Spiked Amount 50.000 Range 71 - 136 Recovery = 99.00%						
44) d4-1,2-Dichloroethane(surr	11.33	65	1635551	52.63	µg/L	-0.01
Spiked Amount 50.000 Range 70 - 130 Recovery = 105.26%						
58) D8-Toluene (surr)	13.41	98	4193769	48.74	ug/L	-0.01
Spiked Amount 50.000 Range 75 - 126 Recovery = 97.48%						
79) Bromofluorobenzene (surr)	16.21	95	1924226	51.20	ug/L	0.00
Spiked Amount 50.000 Range 76 - 120 Recovery = 102.40%						

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85		N.D.	d	
3) Chloromethane	0.00	50		N.D.	d	
4) Vinyl Chloride	0.00	62		N.D.	d	
5) Bromomethane	0.00	94		N.D.	d	
6) Chloroethane	0.00	64		N.D.	d	
7) Trichlorofluoromethane	0.00	101		N.D.	d	
8) Diethyl ether	0.00	59		N.D.	d	
9) Ethanol	0.00	45		N.D.	d	
10) 1,2-Dichloro-1,1,2-triflur	0.00	117		N.D.	d	
11) acrolein	0.00	56		N.D.	d	
12) 1,1,2Trichloro-1,2,2triflu	0.00	151		N.D.	d	
13) 1,1-Dichloroethene	0.00	96		N.D.	d	
14) Acetone	0.00	43		N.D.	d	
15) Methyl acetate	0.00	43		N.D.	d	
16) Iodomethane	0.00	142		N.D.	d	
17) Carbon disulfide	0.00	76		N.D.	d	
18) Acetonitrile	0.00	41		N.D.	d	
19) 3-chloropropene	0.00	41		N.D.	d	
20) Methylene Chloride	0.00	84		N.D.	d	
21) Acrylonitrile	0.00	53		N.D.	d	
22) Methyl tert-butyl ether	0.00	73		N.D.	d	
23) t-1,2-Dichloroethene	0.00	96		N.D.	d	
24) 1,1-Dichloroethane	0.00	63		N.D.	d	
25) Vinyl Acetate	0.00	43		N.D.	d	
26) Isopropyl ether	0.00	45		N.D.	d	
27) Chloroprene	0.00	88		N.D.	d	
28) 2-Butanone	0.00	72		N.D.	d	
29) c-1,2-Dichloroethene	0.00	96		N.D.	d	
30) 2,2-Dichloropropane	0.00	77		N.D.	d	
31) Propionitrile	0.00	54		N.D.	d	
32) Methacrylonitrile	0.00	41		N.D.	d	
33) Bromochloromethane	0.00	128		N.D.	d	
34) Cyclohexane	0.00	56		N.D.	d	
35) Chloroform	0.00	83		N.D.	d	
36) Dibromofluoromethane	10.65	113	1364019	49.50	ug/L	79
38) 1,1,1-Trichloroethane	0.00	97		N.D.	d	
39) 1,1-Dichloropropene	0.00	75		N.D.	d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI010.D
Acq On : 14 Feb 2007 21:58
Sample : B701389-01
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:29 2007

Vial: 10
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
40) Isobutyl alcohol	0.00	43		N.D. d	
42) Carbon Tetrachloride	0.00	117		N.D.	
43) d4-1,2-Dichloroethane	11.33	65	1635551	52.63 µg/L #	89
45) 1,2-Dichloroethane	0.00	62		N.D.	
46) Benzene	0.00	78		N.D.	
47) Trichloroethene	0.00	130		N.D.	
48) Methyl cyclohexane	11.87	83	50427	-1.91 µg/L #	45
49) 1,2-Dichloropropane	0.00	63		N.D.	
50) Methyl methacrylate	0.00	69		N.D.	
51) 1,4-Dioxane	0.00	88		N.D. d	
52) Dibromomethane	0.00	93		N.D.	
53) Bromodichloromethane	0.00	83		N.D.	
54) 2-Chloroethyl vinyl ether	0.00	63		N.D. d	
55) C-1,3-Dichloropropene	0.00	75		N.D.	
56) 4-Methyl-2-pentanone	0.00	100		N.D.	
57) D8-Toluene	13.41	98	4193769	48.74 ug/L	96
60) Toluene	0.00	92		N.D.	
61) T-1,3-Dichloropropene	13.75	75	2815	-1.65 ug/L	88
62) Ethyl methacrylate	0.00	69		N.D.	
63) 1,1,2-Trichloroethane	0.00	97		N.D.	
64) 1,3-Dichloropropane	0.00	76		N.D.	
65) Tetrachloroethene	0.00	164		N.D.	
66) 2-Hexanone	0.00	43		N.D. d	
67) Dibromochloromethane	0.00	129		N.D.	
68) 1,2-Dibromoethane	0.00	107		N.D.	
69) Chlorobenzene	0.00	112		N.D.	
70) 1,1,1,2-Tetrachloroethane	0.00	131		N.D. d	
71) Ethylbenzene	0.00	106		N.D.	
72) m-xylene & p-xylene	0.00	106		N.D.	
73) O-Xylene	0.00	106		N.D.	
74) Styrene	0.00	104		N.D.	
75) Bromoform	0.00	173		N.D.	
76) Isopropylbenzene	0.00	105		N.D.	
77) C-1,4-Dichloro-2-butene	0.00	53		N.D.	
78) Bromofluorobenzene	16.21	95	1924226	51.20 ug/L #	82
80) 1,1,2,2-Tetrachloroethane	0.00	83		N.D.	
81) Bromobenzene	0.00	156		N.D.	
82) 1,2,3-Trichloropropane	0.00	75		N.D.	
83) T-1,4-Dichloro-2-Butene	0.00	53		N.D.	
84) n-Propylbenzene	0.00	91		N.D.	
86) 2-Chlorotoluene	0.00	91		N.D.	
87) 1,3,5-Trimethylbenzene	0.00	105		N.D.	
88) 4-Chlorotoluene	0.00	91		N.D.	
89) tert-Butylbenzene	0.00	119		N.D.	
90) Pentachloroethane	16.79	167	750	-4.24 ug/L #	1
91) 1,2,4-Trimethylbenzene	0.00	105		N.D.	
92) s-Butylbenzene	0.00	105		N.D.	
93) 1,3-Dichlorobenzene	0.00	146		N.D.	
94) p-Isopropyltoluene	0.00	119		N.D.	
95) 1,4-Dichlorobenzene	0.00	146		N.D.	
96) n-Butylbenzene	0.00	91		N.D.	
97) 1,2-Dichlorobenzene	0.00	146		N.D.	
98) DBCP	0.00	157		N.D. d	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\20077BI\7BI010.D
Acq On : 14 Feb 2007 21:58
Sample : B701389-01
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:29 2007

Vial: 10
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Quant Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration
DataAcq Meth : 8260W7B5

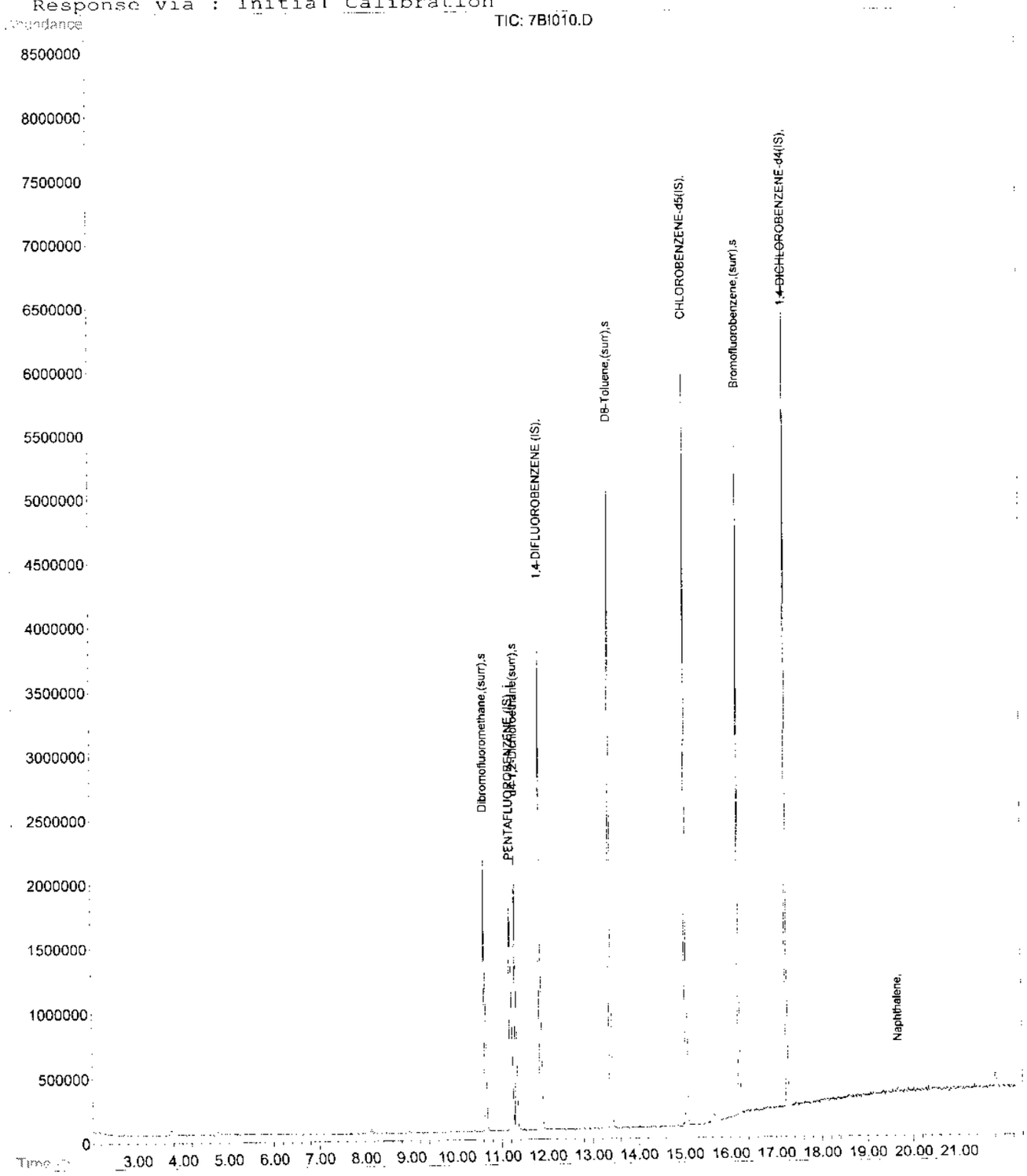
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
99)	1,2,4-Trichlorobenzene	0.00	180		N.D.	
100)	Hexachlorobutadiene	0.00	225		N.D. d	
101)	Naphthalene	19.68	128	27035	0.44 ug/L	90
102)	1,2,3-Trichlorobenzene	0.00	180		N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\20077BI\7BI010.D
Acq On : 14 Feb 2007 21:58
Sample : B701389-01
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 16 11:29 2007

Vial: 10
Operator: jdb
Inst : JVGCMS1
Multiplr: 1.00

Quant Results File: 8260W7BI.RES

Method : C:\HPCHEM\1\METHODS\8260W7BI.M (RTE Integrator)
Title : VOLATILE ORGANIC ANALYSIS BY EPA 624/8260
Last Update : Wed Feb 14 18:19:43 2007
Response via : Initial Calibration