MWH

BUILDING A BETTER WORLD

GROUNDWATER MONITORING REPORT
DECEMBER 2010

GENERAL ELECTRIC PUERTO RICO INVESTMENT, INC.
PATILLAS, PUERTO RICO

Prepared For:

General Electric Energy

Prepared By:

MWH Americas, Inc.

February 2011

GROUNDWATER MONITORING REPORT
DECEMBER 2010
GENERAL ELECTRIC PUERTO RICO INVESTMENT, INC.
PATILLAS, PUERTO RICO

FOR

General Electric Energy

Schenectady, New York

United States

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ACRONYMS AND ABBREVIATIONS

1,1,1-TCA	1,1,1-Trichloroethane
1,1,2-TCA	1,1,2-Trichloroethane
1,1-DCA	1,1-Dichloroethane
1,1-DCE	1,1-Dichloroethene
1,2-DCA	1,2-Dichloroethane
amsl	above mean sea level
COC	constituent of concern
DO	dissolved oxygen
ft/ft	feet per foot
GE	General Electric Energy
HCl	hydrochloric acid
IDW	Investigation derived waste
MCL	Maximum Contaminant Level
ORP	oxidation-reduction potential
PPE	personal protection equipment
QA/QC	quality assurance/quality control
RCRA	Resource Conservation and Recovery Act
RFI	RCRA Facility Investigation
SOP	standard operating procedure
SWMU	Solid Waste Management Unit
VOCs	volatile organic compounds
µg/l	micrograms per liter
USEPA	United States Environmental Protection Agency

1.0 INTRODUCTION

This Groundwater Monitoring Report describes the activities performed in December 2010 to evaluate groundwater quality beneath and downgradient of the General Electric (GE) Puerto Rico Investment facility (Site) located in Patillas, Puerto Rico. During this effort, MWH performed the following activities:

- Measured groundwater elevations from the existing onsite and accessible offsite monitoring wells.
- Collected groundwater samples for analysis to provide recent groundwater quality data onsite and offsite.

These activities were performed in accordance with the *Groundwater Modeling Work Plan* (MWH, December 2007), which was approved by the U.S. Environmental Protection Agency (USEPA) in March 2009. This quarterly groundwater monitoring event (December 2010) is the second event subsequent to the previously completed events associated with the work plan. The previous events were performed in 2009 (June, September, and December), March 2010, and August/September 2010. The need for future actions and a long-term sampling program is currently being evaluated in conjunction with the USEPA; however, GE desired to continue data compilation and perform groundwater sampling while awaiting a response from the USEPA regarding the long-term plan for the Site.

In addition, this document provides a Site Progress Report in accordance with the Administrative Order on Consent (March 29, 1988).

2.0 PROJECT BACKGROUND

The Site is located on the southeastern coast of Puerto Rico at Road #3, Km 122.9, Patillas, Puerto Rico. The Site location is shown on ***Figure 1***. The Site covers approximately 7.8 acres. From November 1974 to March 1987, GE (operating as Caribe General Electric Products) manufactured and assembled electro-mechanical products. A French Sump was constructed at the facility in 1977 and was used for waste disposal until 1980. The location of the sump is shown on ***Figure 2***. The Site was idle from 1987 to 1993, when no manufacturing operations were conducted. Since 1993, GE has used the facility for warehousing and assembly operations under the current name of GE Puerto Rico Investment, Inc.

In October 1990, soils in and adjacent to the former French Sump were excavated, stabilized, and shipped to a Resource Conservation and Recovery Act (RCRA)-approved landfill. The USEPA accepted the closure of the sump as complete in March 1991. The impacted groundwater that is the subject of this investigation is associated with the former French Sump and extends south-southwest from the facility to the flood plain of the Rio Grande de Patillas.

Investigation of the groundwater impacts in the area of the French Sump began in 1989 as part of a RCRA Facility Investigation (RFI). Eleven onsite monitoring wells were installed adjacent to and downgradient of the former French Sump (see ***Figure 2***). Five monitoring wells were also installed offsite to assess groundwater quality. Of the 16 total wells, one onsite well (P-4A) was abandoned; one offsite well (P-12) cannot be located and was presumably destroyed; and four offsite wells (P-13S, P-13D, P-14S, and P-14D) have had their access permission rescinded by the property owner.

The *RFI Report* (SEC, 1991) was submitted to the USEPA in 1991. Quarterly groundwater sampling was conducted from 1991 through 1999. Volatile organic compounds (VOCs), namely 1,1,1-trichloroethane (1,1,1-TCA) and 1,1-dichloroethene (1,1-DCE), were identified in the RFI Report as the constituents of concern (COCs) in groundwater within the alluvial/colluvial aquifer beneath the Site. The extent of 1,1,1-TCA does not extend offsite. However, the extent of 1,1-DCE impacted groundwater extends offsite to the south-southwest, which is generally consistent with the direction of apparent groundwater flow.

In 2003, GE installed six additional monitoring wells offsite to determine the extent of the 1,1-DCE in groundwater. The results of this investigation were provided to the USEPA in a *Supplemental RFI Report* (EarthTech, 2005). USEPA's response to this *Supplemental RFI*

Report stated that the information was not sufficient to determine the extent of impacted groundwater, and therefore the CA-750 determination could not be completed. At the time of the Supplemental RFI, the farthest downgradient wells (P-13S/D and P-14S/D) had not been sampled for nine years, and access to these wells had been rescinded. From 1991 through 1996, these wells were sampled eight times and VOCs were not detected.

In 2006, GE installed an additional monitoring well cluster (P-20S and P-20D) to further delineate the extent of 1,1-DCE in groundwater. Analytical results from the shallow well (P-20S) did not show the presence of 1,1-DCE. However, groundwater samples from the deeper well (P-20D) indicated 1,1-DCE downgradient and offsite at a concentration of 37 to 44 micrograms per liter (µg/l), which is greater than its Maximum Contaminant Level (MCL) of 7 µg/l.

Based on these results, the USEPA requested that GE pursue access to additional downgradient properties to install monitoring wells to further define the extent of the 1,1-DCE in groundwater. GE intended to install these additional wells downgradient of P-20S/D and upgradient of P-13S/D and P-14S/S. Although numerous attempts were made by GE, access was not granted to the properties, and the wells could not be installed. As a result, GE and the USEPA agreed that the project should move forward to estimate the extent of 1,1-DCE in groundwater without the use of these wells.

In June 2009, GE performed a groundwater monitoring event, and in July 2009, GE performed fate and transport modeling to estimate the extent of 1,1-DCE in groundwater. The output of the model, which contained the necessary information to make the CA-750 determination, was provided to the USEPA in September 2009. The model estimated that 1,1-DCE may have reached the Rio Grande de Patillas at a concentration of 23 µg/L. This concentration is less than 10 times the MCL for 1,1-DCE (7 µg/L) and is considered an insignificant discharge to a surface water by the USEPA (*Documentation of Environmental Indicator Determination, RCRA Corrective Action, Environmental Indicator [EI] RCRIS code [CA750], Migration of Contaminated Groundwater Under Control*, Interim Final 2/5/99).

Subsequent to the fate and transport modeling and at the request of the USEPA, GE performed additional groundwater monitoring events (September 2009, December 2009, March 2010, and August/September 2010) and submitted the results to the USEPA and EQB. EQB has reviewed these documents.

A meeting between the USEPA and GE was held on April 22, 2010, to discuss the extent of impacted groundwater and the need for further downgradient characterization. During this meeting, GE agreed to the USEPA's request to continue groundwater monitoring on a quarterly basis for one additional year.

In June of 2010, GE ceased manufacturing operations at the Site, and in September of 2010, GE completed a Phase II Environmental Site Assessment (ESA) to document Site conditions prior to exiting the lease for the Site. The Phase II ESA included installation of 25 soil borings to an average depth of 15 feet' below ground surface, and soil sampling at several intervals within each of those 25 boring locations. The Phase II ESA also included installation of six temporary groundwater monitoring wells and four permanent monitoring wells at the Site, and their subsequent development and sampling. The results of the Phase II ESA are summarized in a separate document.

This report summarizes the field activities and results of the December 2010 quarterly monitoring event.

3.0 FIELD ACTIVITIES

The following field activities were performed during this monitoring event:

- Measuring groundwater elevations from onsite and accessible offsite monitoring wells.
- Collecting groundwater samples from monitoring wells for laboratory analysis.

The groundwater sampling activities were performed by MWH between December 15 and 20, 2010. Depth to groundwater measurements were performed concurrently with the sampling event. A comprehensive set of measurements was subsequently performed in January 2011. The procedures used during these activities are described in the following sections.

3.1 DEPTH-TO-GROUNDWATER MEASUREMENTS

Depth-to-groundwater measurements were collected from onsite and accessible offsite monitoring wells. Water levels in offsite wells P-13S, P-13D, P-14S, and P-14D were not measured because the property owner would not allow access to the wells.

Groundwater depths were measured by using a decontaminated water-level meter to record the depth-to-water below a surveyed reference point (top of well casing). The water level meter was slowly lowered into the monitoring well until the meter was activated (as indicated by an audible tone). The depth-to-water reading was then measured at 30 second intervals until two consecutive readings were identical. This measurement was then recorded in the field notebook.

3.2 GROUNDWATER SAMPLING PROCEDURES AND ANALYSIS

The following 16 monitoring wells were sampled during this field event: P-7, P-7A, P-8D, P-10A, P-15DD, P-16S, P-17D, P-18S, P-18D, P-19S, P-19D, P-20S, P-20D, P-21S, P-21D, and P-22S. Well locations are indicated on ***Figure 2***. Although planned for sampling, monitoring well P-8 did not contain sufficient water; and therefore, a groundwater sample could not be collected from this well.

The groundwater samples were collected in accordance with the USEPA Region II *Groundwater Sampling Procedure – Low Stress (Low Flow) Purging and Sampling*. For each monitoring well, the following sequence of activities was performed:

- The depth-to-water was measured in the monitoring well.

- The well was then purged using a submersible bladder pump with a new disposable bladder and unused, disposable discharge tubing.

- The following indicator parameters were measured using an in-line water quality meter: pH, specific conductivity, temperature, dissolved oxygen (DO), turbidity, and oxidation-reduction potential (ORP). Parameters were recorded every three to five minutes.

- The depth-to-water in the monitoring well was monitored to ensure that drawdown did not exceed 0.3 feet and that the water level in the well was stable prior to sampling.

- After the parameters had stabilized, the in-line water quality measuring device was disconnected, and the groundwater sample was collected directly from the discharge tubing.

- Groundwater samples were collected in laboratory-supplied vials, which were pre-preserved with hydrochloric acid (HCl).

Field sampling records for each well are presented in ***Appendix A***. The sample bottles were labeled with date, time, sample identification, analytical parameters, and the sampler's initials, and immediately placed on ice in a cooler. The cooler was maintained under chain-of-custody documentation until arrival at the laboratory.

The following quality assurance/quality control (QA/QC) samples were collected during this event:

- Two field duplicate samples:

  P-8D (Duplicate 1) – a duplicate sample of P-8D
  P-18D (Duplicate 2) – a duplicate sample of P-18D

- One trip blank

Groundwater and QA/QC samples were analyzed for VOCs by USEPA Method SW-846 8260B for the Appendix IX list of compounds by TriMatrix Laboratories, Inc. of Grand Rapids, Michigan. Analytical data were certified by a Puerto Rican chemist and validated in accordance with the USEPA Region II Standard Operating Procedure (SOP) HW-6 – CLP Organics Data Review

and Preliminary Review. The data were found to be acceptable for use without significant qualification. The complete analytical data package is presented in ***Appendix B***.

3.3 INVESTIGATION DERIVED WASTE MANAGEMENT

Purge water and decontamination liquids were collected in 5-gallon buckets and transferred to a 55-gallon drum located onsite. The drum of investigation derived waste (IDW) was staged at a secure area on the GE facility. The IDW was disposed of as non-hazardous waste through PBP Waste Corporation (Mayagüez, Puerto Rico). All used personal protective equipment (PPE) was collected in trash bags and disposed of as general refuse.

4.0 GROUNDWATER MONITORING RESULTS

4.1 GROUNDWATER ELEVATIONS

The depth to groundwater measurements and groundwater elevations for January 2011 are presented in ***Table 1***. Groundwater is generally encountered 7 to 22 feet below ground surface, or 21 to 57 feet above mean sea level (amsl). Groundwater elevation contours for the shallow and deep aquifers are presented in ***Figure 3a*** and ***Figure 3b***, respectively. Based on these contours the groundwater flow direction is generally southwest, towards the Quebrada Mamey and the Rio Grande de Patillas. The groundwater flow direction observed during this monitoring event is consistent with previous monitoring events and historical records.

The horizontal hydraulic gradient for the shallow aquifer onsite is 0.027 vertical feet per horizontal foot (ft/ft). The horizontal hydraulic gradient for the deep aquifer offsite is 0.010 ft/ft. The vertical hydraulic gradient between these two aquifers is approximately 0.064 ft/ft downward onsite and approximately 0.012 ft/ft downward offsite. The hydraulic gradients observed during this event are generally consistent with those observed during previous monitoring events.

4.2 GROUNDWATER SAMPLE RESULTS

Groundwater sample results are presented in ***Table 2*** with the detected sample results posted in ***Figure 4***. The results posted in Figure 4 are for the compounds that are associated with historical operations and/or that are routinely detected during groundwater monitoring. The following table summarizes the results for the compounds that were detected during the December 2010 sampling event (16 investigative samples were collected). Concentrations are reported in micrograms per liter (µg/L).

Compound	Number of Detections	Lowest Detected Result (µg/L)	Highest Detected Result (µg/L)	MCL (µg/L)	# Detections Above MCL
1,1,1-Trichloroethane (1,1,1-TCA)	3	0.31 (estimated)	24	200	0
1,1,2-Trichloroethane (1,1,2-TCA)	0	NA	NA	5	NA
1,1-Dichloroethane (1,1-DCA)	9	0.26 (estimated)	17	2.4*	2
1,1-Dichloroethene (1,1-DCE)	13	0.51 (estimated)	290	7	6
1,2-Dichloroethane (1,2-DCA)	1	1.3 (estimated)	1.3 (estimated)	5	0
Chloroform	9	0.21 (estimated)	1.6	70**	0
Trichlorofluoromethane	3	0.23 (estimated)	1.1	1,300	0

* USEPA Risk-based Screening Level for tap water
** USEPA Maximum Contaminant Level Goal

As shown on the summary table, 1,1-DCA and 1,1-DCE were the most commonly detected VOCs, and the only compounds exceeding their respective MCLs. The highest VOC concentrations (primarily 1,1-DCA and 1,1-DCE) were detected in the sample collected from well P-8D, which is located onsite and downgradient of the former French Sump. The 1,1-DCE concentration for the farthest downgradient monitoring well sampled (MW-20D, located approximately 1,300 feet southwest of the former French Sump) was 14 µg/L. The approximate extent of 1,1-DCE in groundwater (based on the recent sample results) is presented in ***Figure 5***. As shown in this figure, the extent of 1,1-DCE in the shallow zone extends from the Site towards MW-20S; for the deep zone, the extent is not defined by the downgradient monitoring wells. As noted previously, wells located farther downgradient (P-13S/D and P-14S/D, as shown on ***Figure 2***) could not be sampled because the property owner denied access to the wells. From 1991 through 1996, these wells did not contain VOCs at detectable levels.

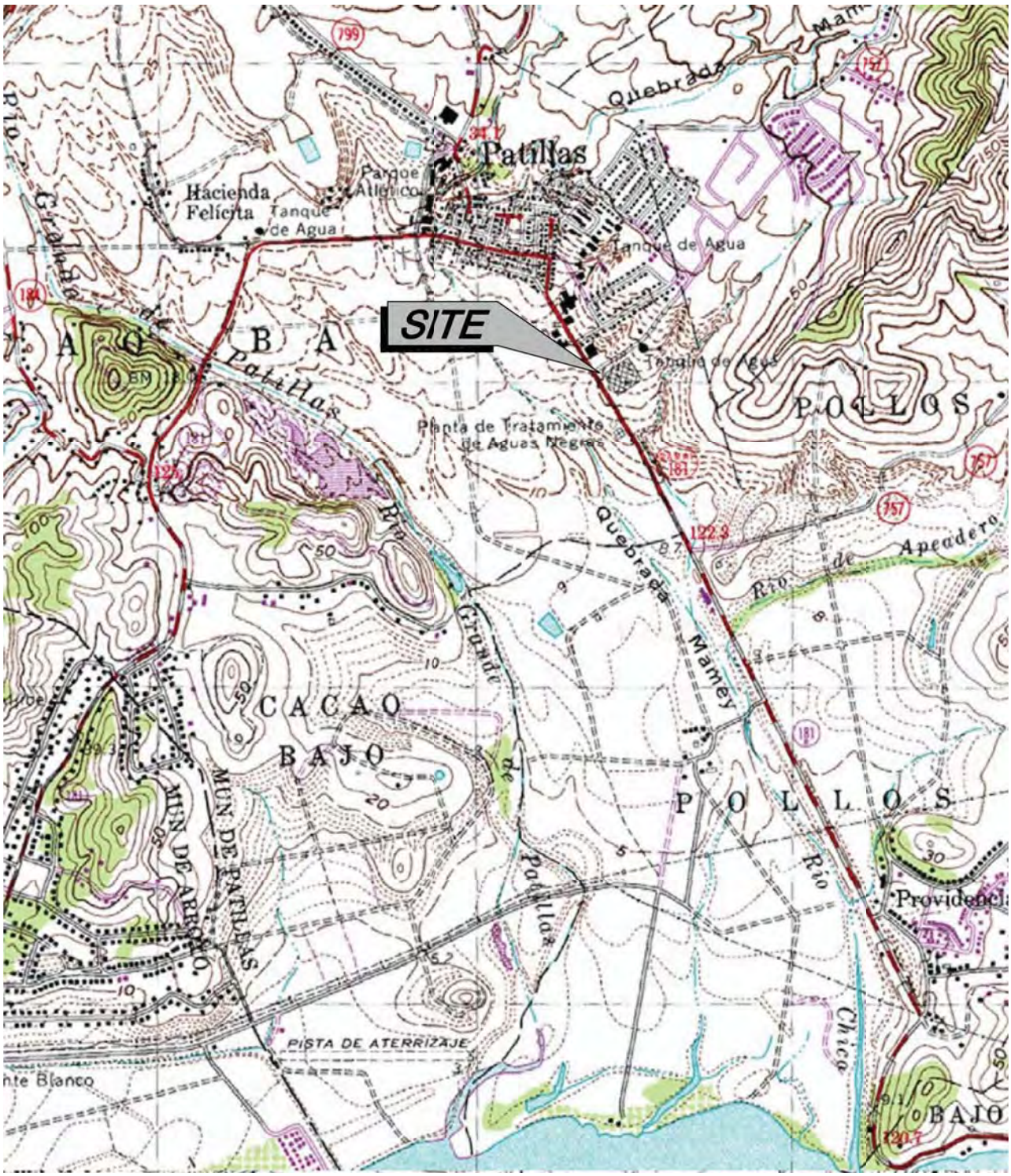
The historical sample results for constituents of concern in groundwater within the alluvial/colluvial aquifer are presented in ***Table 3***. In general, the results obtained during the December 2010 monitoring event are consistent with the historical results. However, 1,1-DCE concentrations in the following wells appear to be decreasing over time: P-7, P-7A, P-9, P-10A, P-17D, P-18S/D, P-19D, and P-20S/D. Trend graphs for 1,1-DCE concentrations in selected monitoring well are provided in ***Appendix C***.

5.0 PROGRESS REPORTING

Appendix D contains the Progress Report for this reporting period (September 30, 2010 through January 31, 2011). The Progress Report was prepared in accordance with Section V.C. of the Site's Administrative Order on Consent (Order) dated March 29, 1988, and approved revisions (January 26, 2010).

A meeting between the USEPA and GE was held on April 22, 2010, to discuss the extent of impacted groundwater and the need for further downgradient characterization. During this meeting, GE agreed to the USEPA's request to continue groundwater monitoring on a quarterly basis for one additional year.

FIGURES



Source:
U.S.G.S. 7.5 minute quadrangle of Patillas, Puerto Rico, Dated 1977, photorevised 1982.

PUERTO RICO
USGS QUAD LOCATION

north

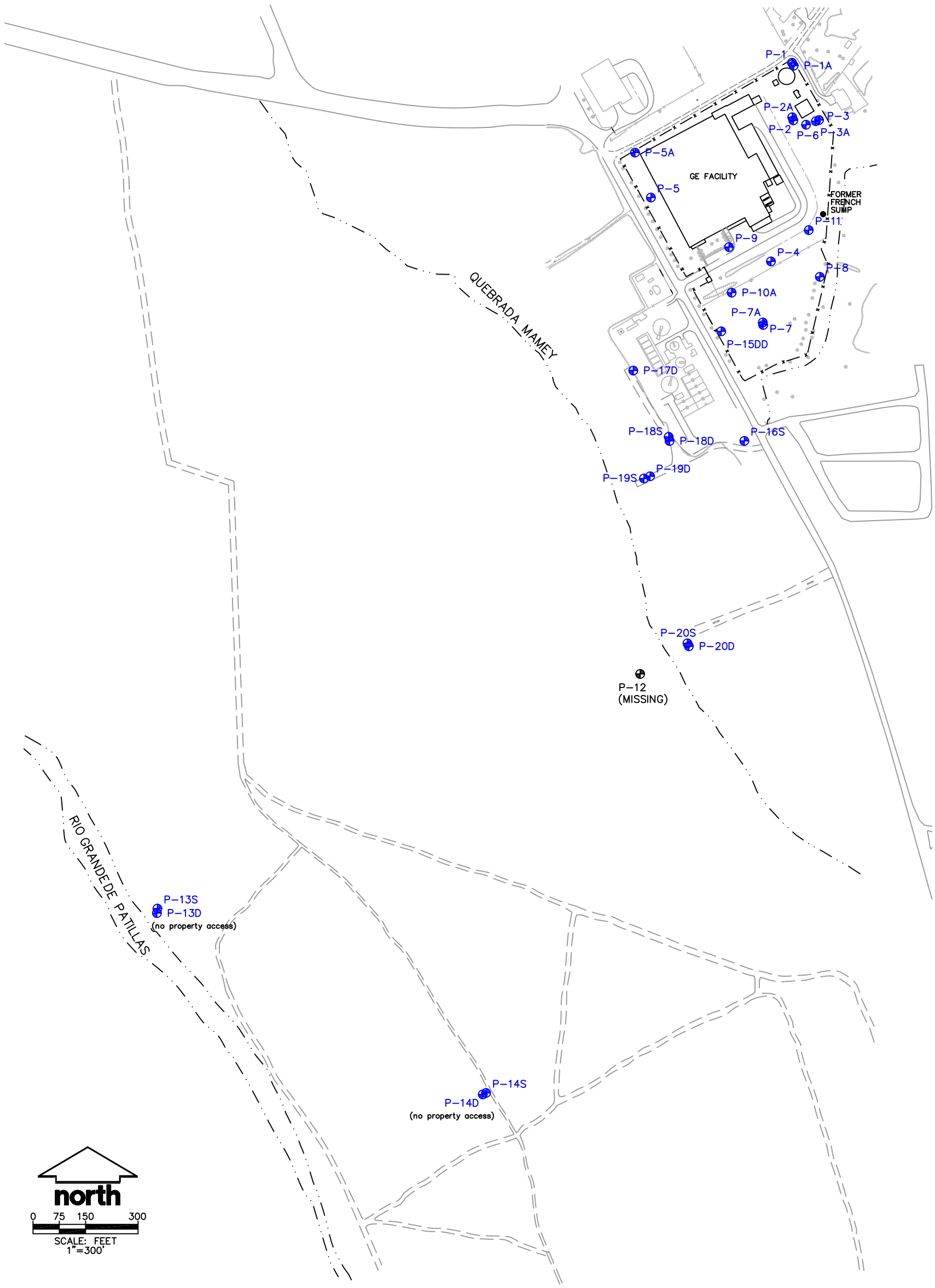
GE Puerto Rico Investment Inc.
Patillas, Puerto Rico

Site Location Map

Figure 1

MWH

Drawn By & Date: BRT, 6/5/09 | Approved By & Date: BRT | Revised By & Date: | Approved By & Date:



north

0 75 150 300

SCALE: FEET
1"=300'

LEGEND

- RIVER/STREAMS
- TREE COVER
- FENCE
- BUILDING
- MONITORING WELL

GE Puerto Rico Investment, Inc.
Patillas, Puerto Rico

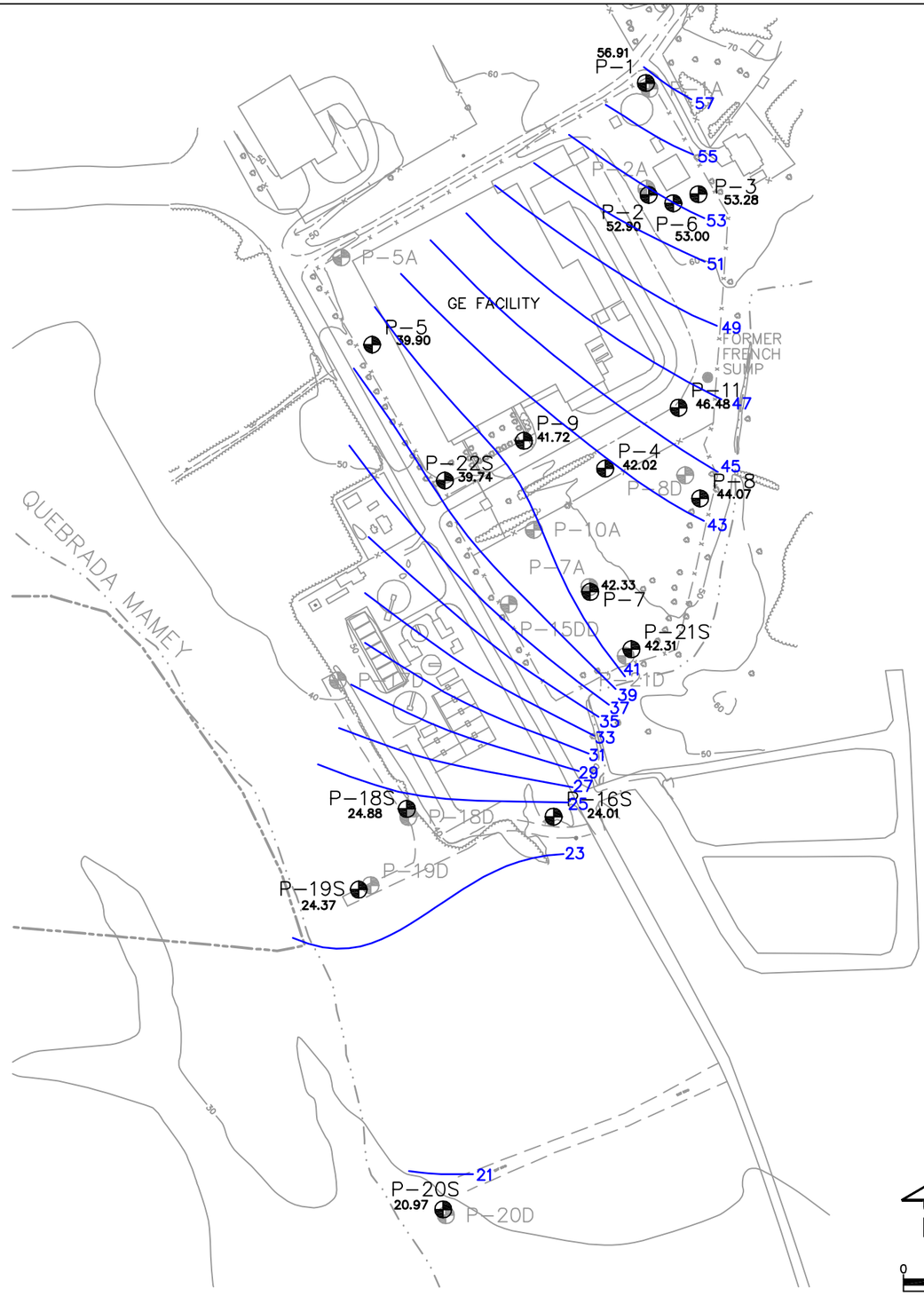
Site Map

FIGURE 2

MWH

J:\Jobs\01a_400 General Electric Energy\72 - PATILLAS Puerto Rico\05 - CADD\CADD - NEW Basemap\Patillas Basemap 6-05-09.dwg Aug/13/09

Drawn By & Date: DM 7/15/09 | Approved By & Date: | Revised By & Date: DTM 02/04/11 | Approved By & Date:



LEGEND

- RIVER/STREAMS
- TREE COVER
- FENCE
- BUILDING
- MONITORING WELL (NOT USED FOR CONTOURING)
- MONITORING WELL
- 21 — EQUIPOTENTIAL CONTOUR, DASHED WHERE INFERRED
- 20.97 — WATER TABLE ELEVATION (FEET ABOVE SEA LEVEL)

NOTES:

1. CONTOUR INTERVAL = 2 FEET

north

0 50 100 200

SCALE: FEET
1"=200'

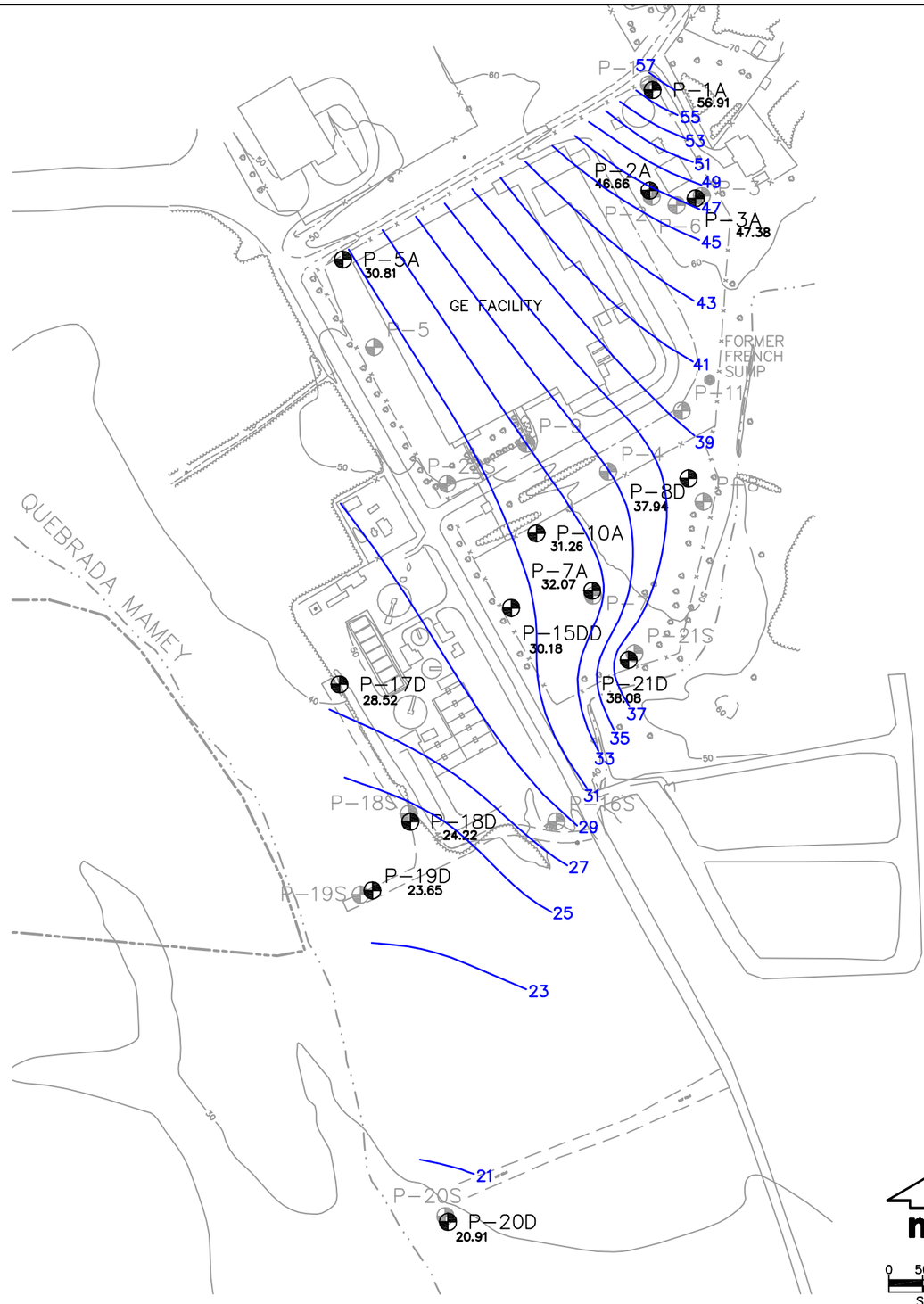
General Electric Puerto Rico Investment
Patillas, Puerto Rico

Shallow Groundwater Surface Map
January 2011

FIGURE 3a

MWH

\\Usdet1s02\Jobs\01a...400 General Electric Energy\72 - PATILLAS Puerto Rico\05 - CADD\Quarterly GW Mon\6 - Dec 10\Patillas GW - Shallow - Dec 2010.dwg Feb/04/11



LEGEND

- RIVER/STREAMS
- TREE COVER
- FENCE
- BUILDING
- MONITORING WELL (NOT USED FOR CONTOURING)
- MONITORING WELL
- 21 — EQUIPOTENTIAL CONTOUR, DASHED WHERE INFERRED
- 20.91 — WATER TABLE ELEVATION (FEET ABOVE SEA LEVEL)

NOTES:

1. CONTOUR INTERVAL = 2 FEET

north

0 50 100 200

SCALE: FEET
1"=200'

General Electric Puerto Rico Investment
Patillas, Puerto Rico

Deep Groundwater Surface Map
January 2011

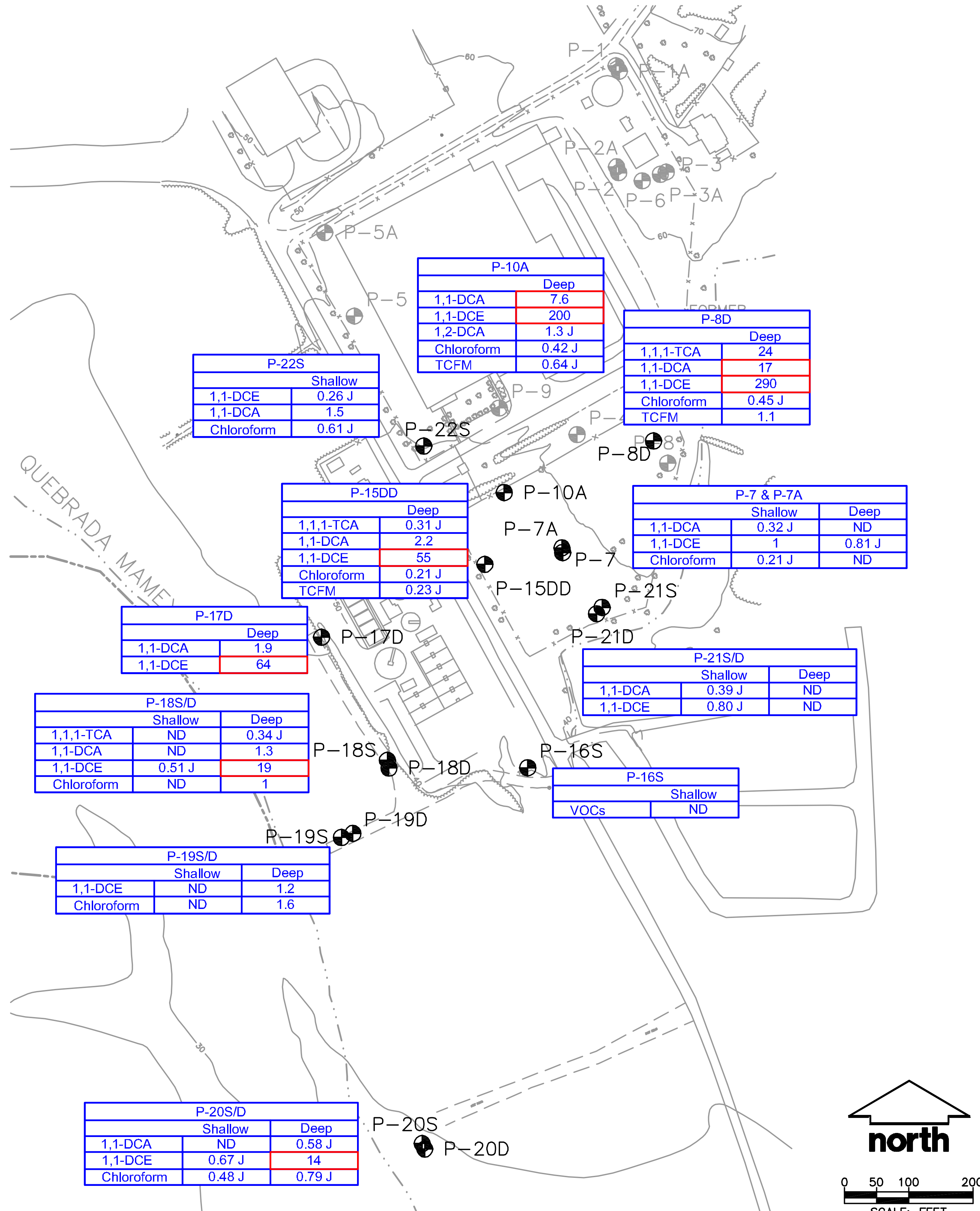
FIGURE 3b

MWH

Drawn By & Date: DTM 7/15/09 | Approved By & Date: | Revised By & Date: DTM 02/04/11 | Approved By & Date:

\\Uladet1s02\jobs\01a_400 General Electric Energy\72 - PATILLAS Puerto Rico\05 - CADD\Quarterly GW Mon\6 - Dec 10\Patillas GW - Deep - Dec 2010.dwg Feb/04/11

Drawn By & Date: BRT 12/28/09 | Approved By & Date: BRT | Revised By & Date: DTM 01/27/11 | Approved By & Date: BRT



P-10A	Deep
1,1-DCA	7.6
1,1-DCE	200
1,2-DCA	1.3 J
Chloroform	0.42 J
TCFM	0.64 J

P-8D	Deep
1,1,1-TCA	24
1,1-DCA	17
1,1-DCE	290
Chloroform	0.45 J
TCFM	1.1

P-22S	Shallow
1,1-DCE	0.26 J
1,1-DCA	1.5
Chloroform	0.61 J

P-15DD	Deep
1,1,1-TCA	0.31 J
1,1-DCA	2.2
1,1-DCE	55
Chloroform	0.21 J
TCFM	0.23 J

P-7 & P-7A	Shallow	Deep
1,1-DCA	0.32 J	ND
1,1-DCE	1	0.81 J
Chloroform	0.21 J	ND

P-17D	Deep
1,1-DCA	1.9
1,1-DCE	64

P-21S/D	Shallow	Deep
1,1-DCA	0.39 J	ND
1,1-DCE	0.80 J	ND

P-18S/D	Shallow	Deep
1,1,1-TCA	ND	0.34 J
1,1-DCA	ND	1.3
1,1-DCE	0.51 J	19
Chloroform	ND	1

P-16S	Shallow
VOCs	ND

P-19S/D	Shallow	Deep
1,1-DCE	ND	1.2
Chloroform	ND	1.6

P-20S/D	Shallow	Deep
1,1-DCA	ND	0.58 J
1,1-DCE	0.67 J	14
Chloroform	0.48 J	0.79 J

LEGEND

- RIVER/STREAMS
- TREE COVER
- FENCE
- BUILDING
- MONITORING WELL (NOT SAMPLED)
- MONITORING WELL (SAMPLED)

NOTES:

Results are reported in micrograms per liter (ug/L).

Shallow – The well is screened in the upper portion of the alluvium/colluvium aquifer.

Deep – The well is screened in the lower portion of the alluvium/colluvium aquifer.

	Compound	MCL
1,1,1–TCA	1,1,1–Trichloroethane	200
1,1,2–TCA	1,1,2–Trichloroethane	5
1,1–DCA	1,1–Dichloroethane	NA
1,1–DCE	1,1–Dichloroethene	7
1,2–DCA	1,2–Dichloroethane	5
	Chloroform	70*
TCFM	Trichlorofluoromethane	NA

*MCLG – Maximum Contaminant Level Goal

Sample Results that exceed MCLs are boxed in RED.

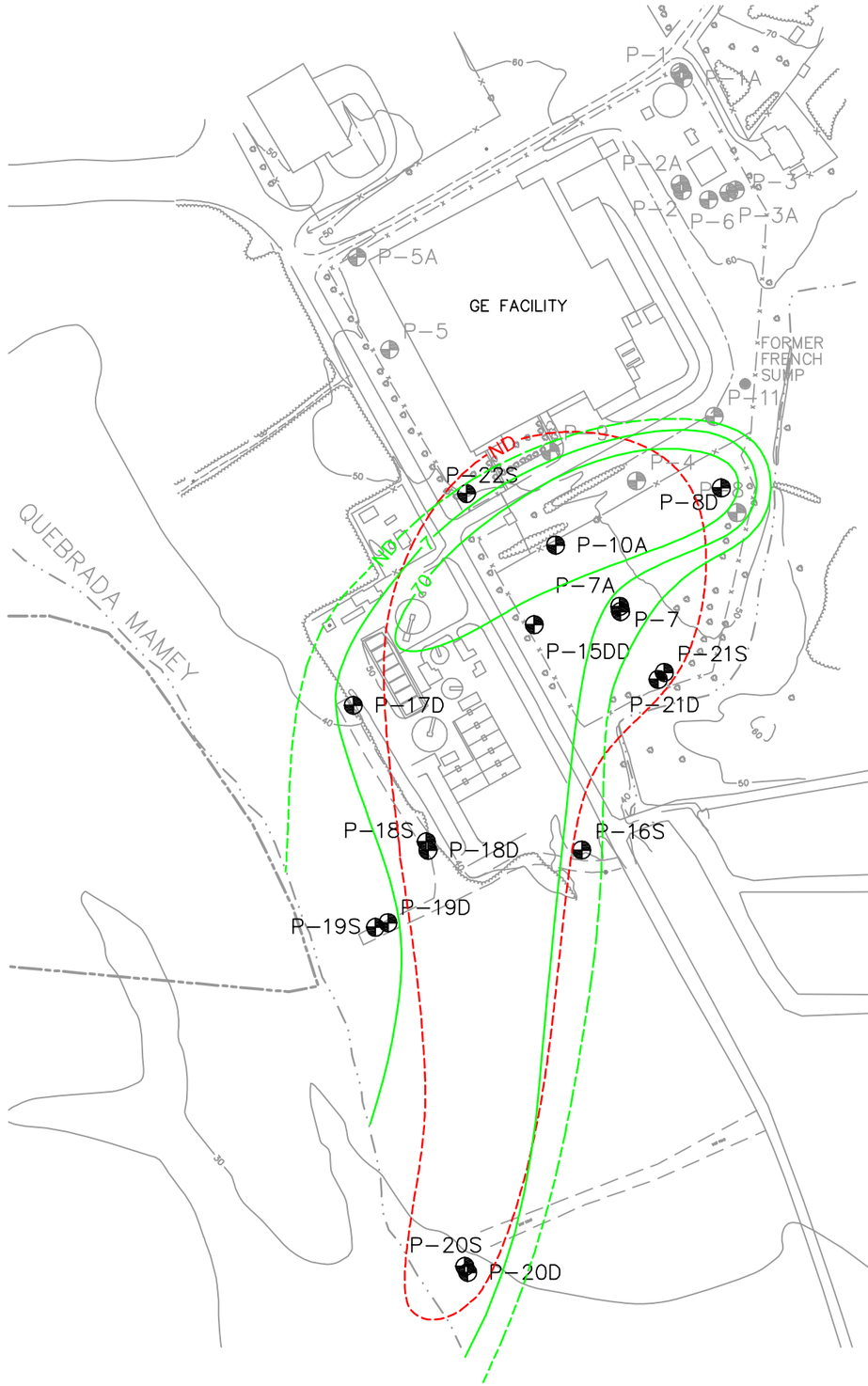
General Electric Puerto Rico Investment
Patillas, Puerto Rico

Groundwater Sample Results
December 2010

FIGURE 4

MWH

Drawn By & Date: DM 7/15/09 | Approved By & Date: BRT | Revised By & Date: DTM 01/27/11 | Approved By & Date:



LEGEND

- RIVER/STREAMS
- TREE COVER
- FENCE
- BUILDING
- MONITORING WELL (NOT SAMPLED)
- MONITORING WELL (SAMPLED)
- ISOCONTOUR 1,1-DCE IN SHALLOW GROUNDWATER
- ISOCONTOUR 1,1-DCE IN DEEP GROUNDWATER

NOTES:

Concentrations are reported in micrograms per liter (ug/L). Dashed where inferred.

Shallow – The well is screened in the upper portion of the alluvium/colluvium aquifer.
Deep – The well is screened in the lower portion of the alluvium/colluvium aquifer.

General Electric Puerto Rico Investment
Patillas, Puerto Rico

Extent of 1,1-DCE in Groundwater
December 2010

FIGURE 5

MWH

J:\01a 400 General Electric Energy\72 - PATILLAS Puerto Rico\05 - CADD\Quarterly GW Mon\6 - Dec 10\Patillas GW - VOC Results Dec 2010.dwg Feb/09/11

TABLES

Table 1
Groundwater Elevation Data - January 2011
GE Puerto Rico Investment, Inc.
Patillas, Puerto Rico

Well No.	Aquifer Zone	Well Install Date	Boring Depth (ft bgs)	Land Surface Elevation (ft amsl)	Top Of Casing Elevation (ft amsl)	Depth to Water (ft btoc)	Groundwater Elevation (ft amsl)
P-1	Shallow	8/1/86	25.50	67.54	68.71	11.80	56.91
P-1A	Deep Saprolite	8/7/86	70.00	67.47	68.71	11.80	56.91
P-2	Shallow	8/1/86	20.50	61.85	63.60	10.70	52.90
P-2A	Deep	8/20/86	69.00	62.23	63.46	16.80	46.66
P-3	Shallow	8/4/86	25.50	63.54	64.58	11.30	53.28
P-3A	Deep	8/15/86	70.00	63.23	64.68	17.30	47.38
P-4	Shallow	7/29/86	19.11	51.25	52.92	10.90	42.02
P-4A	*Abandoned*	7/31/86	63.00	51.66	52.88	NG	NG
P-5	Shallow	8/4/86	20.50	52.29	53.90	14.00	39.90
P-5A	Deep Saprolite	9/15/86	70.00	51.14	52.51	21.70	30.81
P-6	Shallow	8/30/88	26.00	63.05	63.70	10.70	53.00
P-7	Shallow	2/3/89	18.15	47.64	49.73	10.40	39.33
P-7A	Deep Saprolite	2/2/89	58.20	47.80	49.67	17.60	32.07
P-8	Shallow	2/3/89	17.70	52.19	54.87	10.80	44.07
P-8D	Deep	9/17/10	45.60	53.27	55.34	17.40	37.94
P-9	Shallow	2/6/89	17.40	50.35	52.32	10.60	41.72
P-10A	Deep Alluvium/Sap	2/9/89	51.50	47.92	49.86	18.60	31.26
P-11	Shallow	2/8/89	13.20	52.95	54.68	8.20	46.48
P-12	Shallow	11/20/89	29.50	19.70	21.82	NG	NG
P-13D	Deep	6/28/91	62.74	20.40	22.10	NG	NG
P-13S	Shallow	7/5/91	28.70	19.59	23.25	NG	NG
P-14D	Deep	7/10/91	67.80	16.28	19.38	NG	NG
P-14S	Shallow	7/13/91	30.50	15.64	18.07	NG	NG
P-15DD	Bedrock	5/26/04	73.60	45.48	47.68	17.50	30.18
P-16S	Shallow	5/27/04	26.30	40.39	42.61	18.60	24.01
P-17D	Deep	6/1/04	61.00	38.26	41.02	12.50	28.52
P-18S	Shallow	5/28/04	16.60	36.55	39.08	14.20	24.88
P-18D	Deep	5/31/04	50.00	36.26	38.52	14.30	24.22
P-19S	Shallow	5/28/04	15.80	33.89	36.37	12.00	24.37
P-19D	Deep	6/30/04	36.50	34.32	36.45	12.80	23.65
P-20S	Shallow	5/4/06	26.00	31.70	34.67	13.70	20.97
P-20D	Deep	5/4/06	52.00	31.50	34.31	13.40	20.91
P-21S	Shallow	9/9/10	17.28	47.02	49.61	7.30	42.31
P-21D	Deep	9/14/10	45.80	46.34	48.38	10.30	38.08
P-22S	Shallow	9/10/10	17.26	49.64	52.24	12.50	39.74

Horizontal coordinates in Puerto Rico State Plane (feet, ft), Zone 1, NAD 27
bgs - Below Ground Surface
amsl - Above Mean Sea Level
btoc - Below Top of Casing
NG - Not Gauged (access to wells was denied by the property owner)

Table 2
Groundwater Sample Results - December 2010
GE Puerto Rico Investment, Inc.
Patillas, Puerto Rico

	RSL or MCL*	P-7	P-7A	P-8D	P-8D (duplicate)	P-10A	P-15DD	P-16S	P-17D	P-18S	P-18D	P-18D (duplicate)	P-19S	P-19D	P-20S	P-20D	P-21S	P-21D	P-22S
Volatile Organic Compound (ug/L)																			
1,1,1,2-Tetrachloroethane	0.52	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	200*	1.0 U	1.0 U	**24**	**23**	2.0 U	**0.31 J**	1.0 U	1.0 U	1.0 U	**0.34 J**	**0.31 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	0.067	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	5*	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	2.4	**0.32 J**	1.0 U	**17**	**17**	**7.6**	**2.2**	1.0 U	**1.9**	1.0 U	**1.3**	**1.3**	1.0 U	1.0 U	1.0 U	**0.58 J**	**0.39 J**	1.0 U	**0.26 J**
1,1-Dichloroethene	7*	**1.0**	**0.81 J**	**290**	**280**	**200**	**55**	1.0 U	**64**	**0.51 J**	**19**	**20**	1.0 U	**1.2**	**0.67 J**	**14**	**0.80 J**	1.0 U	**1.5**
1,1-Dichloropropene	-	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	-	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichloropropane	0.0096	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	70*	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	15	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane	0.2	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane	0.05*	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	600*	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	5*	1.0 U	1.0 U	1.0 U	1.0 U	**1.3 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	5*	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	12	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	-	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichloropropane	730	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75*	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2-Dichloropropane	-	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (MEK)	7,100	5.0 U	5.0 U	5.0 U	5.0 U	**5.9 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorotoluene	730	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Chlorotoluene	2,600	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Isopropyltoluene	-	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methyl-2-pentanone (MIBK)	2,000	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	22,000	5.0 U	**3.3 J**	**2.3 J**	5.0 U	**13**	**3.1 J**	**2.6 J**	**3.5 J**	5.0 U	**2.5 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**2.2 J**	**2.9 J**	5.0 U
Benzene	5*	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.86 J**	1.0 U
Bromobenzene	20	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane	-	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	0.12	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	8.5	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	8.7	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride	5*	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	100*	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	-	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	70**	**0.21 J**	1.0 U	**0.45 J**	**0.44 J**	**0.42 J**	**0.21 J**	1.0 U	1.0 U	1.0 U	**1.0**	**1.0**	1.0 U	**1.6**	**0.48 J**	**0.79 J**	1.0 U	1.0 U	**0.61 J**
Chloromethane	190	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	70*	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	-	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	0.15	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromomethane	370	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	390	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	700*	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hexachlorobutadiene	0.86	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	-	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert-Butyl Ether	12	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	5*	1.0 U	1.0 U	1.0 U	1.0 U	**0.80 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Butylbenzene	-	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
n-Propylbenzene	-	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	0.14	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
sec-Butylbenzene	-	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	100*	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	-	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5*	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	1000*	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.24 J**	1.0 U
trans-1,2-Dichloroethene	100*	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	-	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5*	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	1,300	1.0 U	1.0 U	**1.1**	**1.0**	**0.64 J**	**0.23 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl Chloride	2*	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene, Meta + Para	1,400	2.0 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Xylene, Ortho	1,400	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Concentrations are reported in micrograms per liter (ug/L)
U - Non-Detect. The analyte was not detected above the indicated detection limit.
J - Estimated. The analyte was detected below the reporting limit.
RSL - USEPA Regional Screening Level
*MCL - Maximum Contaminant Level; ** MCLG - Maximum Contaminant Level Goal
Detections are bolded; Results that exceed USEPA RSLs or MCLs are boxed.

Table 3
Historical Groundwater Sample Results
GE Puerto Rico Investment, Inc.
Patillas, Puerto Rico

Shallow Zone Monitoring Wells

		1,1,1-TCA		1,1-DCA		1,1-DCE	
	RSL or MCL*	200*		2.4		7.0*	
P-4	Feb-89	1.0	U	1.0	U	1.0	U
	Jul-91	1.0	U	1.0	U	1.0	U
	Aug-92	1.0	U	1.0	U	1.0	U
	Nov-92	1.0	U	1.0	U	1.0	U
	Feb-93	1.0	U	1.0	U	1.0	U
	May-93	1.0	U	1.0	U	1.0	U
	May-94	1.0	U	1.0	U	1.0	U
	Jun-95	1.0	U	1.0	U	1.0	U
	Jul-96	1.0	U	1.0	U	1.0	U
	Oct-97	1.0	U	1.0	U	1.0	U
	Nov-98	1.0	U	1.0	U	1.0	U
	Dec-99	1.0	U	1.0	U	1.0	U
	Jun-04	1.0	U	1.0	U	1.0	U
	Jun-09	1.0	U	1.0	U	1.0	U
	Sep-10	1.0	U	1.0	U	1.0	U
P-5	Feb-89	1.0	U	1.0	U	1.0	U
	Aug-92	1.0	U	1.0	U	1.0	U
	Nov-92	1.0	U	1.0	U	1.0	U
	Feb-93	1.0	U	1.0	U	1.0	U
	May-93	1.0	U	1.0	U	1.0	U
	May-94	1.0	U	1.0	U	1.0	U
	Jun-95	1.0	U	1.0	U	1.0	U
	Jul-96	1.0	U	1.0	U	1.0	U
	Oct-97	1.0	U	1.0	U	1.0	U
	Nov-98	1.0	U	1.0	U	1.0	U
	Dec-99	1.0	U	1.0	U	1.0	U
P-7	Feb-89	**20**		1.0	U	**31**	
	Jul-91	**25**		**3.0**		**30**	
	Aug-92	**4.0**		1.0	U	1.0	U
	Nov-92	1.0	U	1.0	U	1.0	U
	Feb-93	1.0	U	1.0	U	1.0	U
	May-93	1.0	U	1.0	U	**5.0**	
	Aug-93	1.0	U	1.0	U	1.0	U
	Nov-93	**5.0**		1.0	U	**8.0**	
	Feb-94	**14**		1.0	U	**19**	
	May-94	**13**		1.0	U	**21**	
	Sep-94	**6.0**		1.0	U	**16**	
	Nov-94	1.0	U	1.0	U	**5.0**	
	Mar-95	1.0	U	1.0	U	**3.0**	
	Jun-95	1.0	U	1.0	U	**8.0**	
	Oct-95	1.0	U	1.0	U	**3.0**	
	Jan-96	1.0	U	1.0	U	**2.0**	
	Apr-96	1.0	U	1.0	U	**2.0**	
	Jul-96	1.0	U	1.0	U	1.0	U
	Oct-96	1.0	U	1.0	U	1.0	U
	Feb-97	**18**		1.0	U	**14**	
	Jun-97	**13**		1.0	U	**17**	
	Oct-97	1.0	U	1.0	U	**23**	
	Feb-98	1.0	U	1.0	U	1.0	U
	Jun-98	1.0	U	1.0	U	1.0	U
	Nov-98	1.0	U	1.0	U	1.0	U
	May-99	1.0	U	1.0	U	1.0	U
	Aug-99	1.0	U	1.0	U	1.0	U
	Dec-99	1.0	U	1.0	U	1.0	U
	Dec-00	1.0	U	1.0	U	1.0	U
	Dec-01	1.0	U	1.0	U	1.0	U
	Jun-04	1.0	U	1.0	U	1.0	U
	Jun-09	1.0	U	**8.0**		**26**	
	Sep-09	**11**		**13.0**		**51**	
	Dec-09	**5.0**		**9.0**		**31**	
	Mar-10	**7.0**		**7.0**		**22**	
	Aug-10	**2.0**	J	**2.0**	J	**7.0**	
	Dec-10	1.0	U	**0.32**	J	**1.0**	

Deep Zone Monitoring Wells

		1,1,1-TCA		1,1-DCA		1,1-DCE	
	RSL or MCL*	200*		2.4		7.0*	
No associated deep well							
P-5A	Feb-89	1.0	U	1.0	U	1.0	U
	Aug-92	1.0	U	1.0	U	1.0	U
	Nov-92	1.0	U	1.0	U	1.0	U
	Feb-93	1.0	U	1.0	U	1.0	U
	May-93	1.0	U	1.0	U	1.0	U
	May-94	1.0	U	1.0	U	1.0	U
	Jun-95	1.0	U	1.0	U	1.0	U
	Jul-96	1.0	U	1.0	U	1.0	U
	Oct-97	1.0	U	1.0	U	1.0	U
	Nov-98	1.0	U	1.0	U	1.0	U
	Dec-99	1.0	U	1.0	U	1.0	U
P-7A	Feb-89	1.0	U	-		**17**	
	Jul-91	**10**		**2.0**		**21**	
	Aug-92	-		-		-	
	Nov-92	**12**		**5.0**		**37**	
	Feb-93	**23**		**6.0**		**60**	
	May-93	**17**		**5.0**		**40**	
	Aug-93	**11**		1.0	U	**29**	
	Nov-93	**11**		**4.0**		**50**	
	Feb-94	**4.0**		**3.0**		**40**	
	May-94	1.0	U	**3.0**		**30**	
	Sep-94	1.0	U	1.0	U	**24**	
	Nov-94	1.0	U	1.0	U	**25**	
	Mar-95	**4.0**		1.0	U	**21**	
	Jun-95	**5.0**		**3.0**		**22**	
	Oct-95	**3.0**		1.0	U	**17**	
	Jan-96	**7.0**		**3.0**		**34**	
	Apr-96	**6.0**		**3.0**		**24**	
	Jul-96	**8.0**		**3.0**		**27**	
	Oct-96	**5.0**		**3.0**		**22**	
	Feb-97	**6.0**		1.0	U	**30**	
	Jun-97	**3.0**		**3.0**		**23**	
	Oct-97	**4.0**		1.0	U	**11**	
	Feb-98	1.0	U	1.0	U	**19**	
	Jun-98	1.0	U	1.0	U	**11**	
	Nov-98	1.0	U	1.0	U	**12**	
	May-99	1.0	U	1.0	U	**19**	
	Aug-99	1.0	U	1.0	U	**18**	
	Dec-99	1.0	U	1.0	U	**19**	
	Dec-00	1.0	U	1.0	U	**16**	
	Dec-01	1.0	U	1.0	U	**18**	
	Jun-04	**0.4**		**1.2**		**14**	
	Jun-09	1.0	U	1.0	U	**3.0**	J
	Sep-09	0.8	U	1.0	U	**3.0**	J
	Dec-09	0.8	U	1.0	U	**3.0**	J
	Mar-10	0.8	U	1.0	U	**1.0**	J
	Aug-10	0.8	U	1.0	U	**1.0**	J
	Dec-10	1.0	U	1.0	U	**0.81**	J

Table 3
Historical Groundwater Sample Results
GE Puerto Rico Investment, Inc.
Patillas, Puerto Rico

Shallow Zone Monitoring Wells

		1,1,1-TCA		1,1-DCA		1,1-DCE	
	RSL or MCL*	200*		2.4		7.0*	
P-8	Feb-89	**9.0**		1.0	U	1.0	U
	Jul-91	1.0	U	1.0	U	1.0	U
	Aug-92	1.0	U	1.0	U	1.0	U
	Nov-92	1.0	U	1.0	U	1.0	U
	Feb-93	1.0	U	1.0	U	1.0	U
	May-93	1.0	U	1.0	U	1.0	U
	May-94	1.0	U	1.0	U	1.0	U
	Jun-95	1.0	U	1.0	U	1.0	U
	Jul-96	1.0	U	1.0	U	1.0	U
	Oct-97	1.0	U	1.0	U	1.0	U
	Nov-98	**2410**		**128**		**1120**	
	May-99	**9.0**		1.0	U	**7.0**	
	Aug-99	1.0	U	1.0	U	1.0	U
	Dec-99	**2040**		**198**		**2020**	
	Dec-00	1.0	U	1.0	U	1.0	U
	Dec-01	1.0	U	1.0	U	1.0	U
	Jun-04	**586**		**61**		**360**	
P-9	Feb-89	1.0	U	1.0	U	**22**	
	Jul-91	1.0	U	**2.0**		**13**	
	Aug-92	1.0	U	1.0	U	**18**	
	Nov-92	1.0	U	**3.0**		**19**	
	Feb-93	1.0	U	1.0	U	**16**	
	May-93	1.0	U	1.0	U	**9**	
	Aug-93	1.0	U	1.0	U	**15**	
	Nov-93	**2.0**		**2.0**		**13**	
	Feb-94	1.0	U	1.0	U	**12**	
	May-94	1.0	U	1.0	U	**10**	
	Sep-94	1.0	U	1.0	U	**11**	
	Nov-94	1.0	U	1.0	U	**10**	
	Mar-95	1.0	U	1.0	U	**8.0**	
	Jun-95	1.0	U	1.0	U	**8.0**	
	Oct-95	1.0	U	1.0	U	**6.0**	
	Jan-96	1.0	U	1.0	U	**10**	
	Apr-96	1.0	U	1.0	U	**9.0**	
	Jul-96	1.0	U	1.0	U	**8.0**	
	Oct-96	1.0	U	1.0	U	**7.0**	
	Feb-97	1.0	U	1.0	U	**9.0**	
	Jun-97	1.0	U	1.0	U	**8.0**	
	Oct-97	1.0	U	1.0	U	**6.0**	
	Feb-98	1.0	U	1.0	U	1.0	U
	Jun-98	1.0	U	1.0	U	**5.0**	
	Nov-98	1.0	U	1.0	U	**6.0**	
	May-99	1.0	U	1.0	U	**13**	
	Aug-99	1.0	U	1.0	U	**13**	
	Dec-99	1.0	U	1.0	U	**11**	
	Dec-00	1.0	U	1.0	U	**7.0**	
	Dec-01	1.0	U	1.0	U	1.0	U
	Jun-04	1.0	U	**0.8**		**6.3**	
	Jun-09	1.0	U	1.0	U	**2.0**	J
	Sep-10	1.0	U	**0.32**	J	**1.9**	

Deep Zone Monitoring Wells

		1,1,1-TCA	1,1-DCA	1,1-DCE
	RSL or MCL*	200*	2.4	7.0*
P-8D	Sep-10	**1.4**	**27**	**99**
	Dec-10	**24**	**17**	**290**

No associated deep well

Table 3
Historical Groundwater Sample Results
GE Puerto Rico Investment, Inc.
Patillas, Puerto Rico

Shallow Zone Monitoring Wells

		1,1,1-TCA		1,1-DCA		1,1-DCE	
	RSL or MCL*	200*		2.4		7.0*	
P-10A							
No associated shallow well							
P-11	Feb-89	**911**		1.0	U	**62**	
	Jul-91	**1180**		**20**		**409**	
	Aug-92	**139**		**11**		**26**	
	Nov-92	**20**		1.0	U	1.0	U
	Feb-93	**80**		**8.0**		**19**	
	May-93	**115**		**6.0**		**25**	
	Aug-93	**148**		**17**		**29**	
	Nov-93	**736**		**49**		**103**	
	Feb-94	**520**		**21**		**204**	
	May-94	**649**		1.0	U	**259**	
	Sep-94	**665**		**25**		**271**	
	Nov-94	**390**		**37**		**176**	
	Mar-95	**394**		**13**		**118**	
	Jun-95	**875**		**46**		**295**	
	Oct-95	**420**		**44**		**172**	
	Jan-96	**878**		**83**		**392**	
	Apr-96	**185**		**8.0**		**62**	
	Jul-96	**712**		**49**		**160**	
	Oct-96	**9120**		**173**		**2260**	
	Feb-97	**5850**		**65**		**1630**	
	Jun-97	**1220**		**26**		**611**	
	Oct-97	**1050**		**50**		**431**	
	Feb-98	**118**		**5.0**		**53**	
	Jun-98	**113**		1.0	U	**47**	
	Nov-98	**10**		1.0	U	1.0	U
	May-99	**17**		1.0	U	1.0	U
	Aug-99	**27**		**5.0**		**6.0**	
	Dec-99	1.0	U	1.0	U	1.0	U
	Dec-00	1.0	U	1.0	U	1.0	U
	Dec-01	1.0	U	1.0	U	1.0	U
	Jun-04	1.0	U	**1.1**		1.0	U
	Jun-09	1.0	U	**1.0**	J	**2.0**	J
	Sep-10	1.0	U	1.0	U	1.0	U

Deep Zone Monitoring Wells

		1,1,1-TCA		1,1-DCA		1,1-DCE	
	RSL or MCL*	200*		2.4		7.0*	
P-10A	Feb-89	**26**		**13**		**851**	
	Jul-91	1.0	U	**12**		**1740**	
	Aug-92	**15**		**17**		**1310**	
	Nov-92	**7.0**		**12**		**1310**	
	Feb-93	1.0	U	1.0	U	**1320**	
	May-93	1.0	U	1.0	U	**937**	
	Aug-93	1.0	U	1.0	U	**1180**	
	Nov-93	1.0	U	**17**		**1270**	
	Feb-94	**9.0**		**18**		**1900**	
	May-94	**7.0**		**16**		**1500**	
	Sep-94	1.0	U	1.0	U	**1260**	
	Nov-94	1.0	U	**13**		**1200**	
	Mar-95	1.0	U	1.0	U	**960**	
	Jun-95	1.0	U	**16**		**961**	
	Oct-95	1.0	U	**17**		**1110**	
	Jan-96	**4.0**		**13**		**1260**	
	Apr-96	**3.0**		**10**		**770**	
	Jul-96	**4.0**		**14**		**1100**	
	Oct-96	**3.0**		**18**		**924**	
	Feb-97	1.0	U	**11**		**707**	
	Jun-97	1.0	U	**10**		**601**	
	Oct-97	1.0	U	**12**		**800**	
	Feb-98	1.0	U	**11**		**702**	
	Jun-98	1.0	U	**11**		**667**	
	Nov-98	1.0	U	**11**		**580**	
	May-99	1.0	U	**17**		**857**	
	Aug-99	1.0	U	**23**		**742**	
	Dec-99	1.0	U	**23**		**1350**	
	Dec-00	**6.0**		**18**		**992**	
	Dec-01	**6.1**		**21**		**974**	
	Jun-04	**1.3**		**23**		**1230**	
	Jun-09	1.0	U	**21**		**770**	
	Sep-09	0.8	U	**18**		**760**	
	Dec-09	0.8	U	**21**		**900**	
	Mar-10	0.8	U	**17**		**630**	
	Aug-10	0.8	U	**17**		**660**	
	Sep-10	1.0	U	**19**		**910**	
	Dec-10	**2.0**	U	**8**		**200**	
No associated deep well							

Table 3
Historical Groundwater Sample Results
GE Puerto Rico Investment, Inc.
Patillas, Puerto Rico

		Shallow Zone Monitoring Wells								Deep Zone Monitoring Wells							
		1,1,1-TCA		1,1-DCA		1,1-DCE					1,1,1-TCA		1,1-DCA		1,1-DCE		
	RSL or MCL*	200*		2.4		7.0*				RSL or MCL*	200*		2.4		7.0*		
P-12	Nov-89	**2.0**		1.0	U	**30**				***No associated deep well***							
	Jul-91	**3.0**		1.0	U	**25**											
	Aug-92	1.0	U	1.0	U	**8.0**											
	Nov-92	1.0	U	1.0	U	**5.0**											
	Feb-93	1.0	U	1.0	U	**5.0**											
	May-93	1.0	U	1.0	U	**20**											
	Aug-93	1.0	U	1.0	U	**17**											
	Nov-93	**3.0**		1.0	U	**27**											
	Feb-94	**2.0**		1.0	U	**30**											
	May-94	1.0	U	1.0	U	**20**											
	Sep-94	1.0	U	1.0	U	**18**											
	Nov-94	1.0	U	1.0	U	**6.0**											
	Mar-95	1.0	U	1.0	U	**12**											
	Jun-95	1.0	U	1.0	U	1.0	U										
	Oct-95	1.0	U	1.0	U	**4.0**											
	Jan-96	1.0	U	1.0	U	**6.0**											
	Apr-96	1.0	U	1.0	U	**5.0**											
	Jul-96	1.0	U	1.0	U	1.0	U										
P-13S	Jul-91	1.0	U	1.0	U	1.0	U			**P-13D**	Jul-91	1.0	U	1.0	U	1.0	U
	Aug-92	1.0	U	1.0	U	1.0	U				Aug-92	1.0	U	1.0	U	1.0	U
	Nov-92	1.0	U	1.0	U	1.0	U				Nov-92	1.0	U	1.0	U	1.0	U
	Feb-93	1.0	U	1.0	U	1.0	U				Feb-93	1.0	U	1.0	U	1.0	U
	May-93	1.0	U	1.0	U	1.0	U				May-93	1.0	U	1.0	U	1.0	U
	May-94	1.0	U	1.0	U	1.0	U				May-94	1.0	U	1.0	U	1.0	U
	Jun-95	1.0	U	1.0	U	1.0	U				Jun-95	1.0	U	1.0	U	1.0	U
	Jul-96	1.0	U	1.0	U	1.0	U				Jul-96	1.0	U	1.0	U	1.0	U
P-14S	Jul-91	1.0	U	1.0	U	1.0	U			**P-14D**	Jul-91	1.0	U	1.0	U	1.0	U
	Aug-92	1.0	U	1.0	U	1.0	U				Aug-92	1.0	U	1.0	U	1.0	U
	Nov-92	1.0	U	1.0	U	1.0	U				Nov-92	1.0	U	1.0	U	1.0	U
	Feb-93	1.0	U	1.0	U	1.0	U				Feb-93	1.0	U	1.0	U	1.0	U
	May-93	1.0	U	1.0	U	1.0	U				May-93	1.0	U	1.0	U	1.0	U
	May-94	1.0	U	1.0	U	1.0	U				May-94	1.0	U	1.0	U	1.0	U
	Jun-95	1.0	U	1.0	U	1.0	U				Jun-95	1.0	U	1.0	U	1.0	U
	Jul-96	1.0	U	1.0	U	1.0	U				Jul-96	1.0	U	1.0	U	1.0	U
P-15DD										**P-15DD**	Jun-04	**0.5**	J	**2.1**		**104**	
No associated shallow well											Dec-05	0.8	U	**2.0**	J	**96**	
											May-06	0.8	U	**2.0**	J	**99**	
											Aug-06	0.8	U	**2.0**	J	**86**	
											Jun-09	0.8	U	**2.0**	J	**61**	
											Sep-09	0.8	U	**2.0**	J	**68**	
											Dec-09	0.8	U	**2.0**	J	**65**	
											Mar-10	0.8	U	**2.0**	J	**52**	
											Aug-10	0.8	U	**2.0**	J	**51**	
											Sep-10	**0.27**	J	**2.0**		**62**	
											Dec-10	**0.31**	J	**2.2**		**55**	
P-16S	Jun-04	**0.4**	J	**5.3**		**13**				***No associated deep well***							
	Dec-05	0.8	U	**4.0**	J	**17**											
	May-06	0.8	U	**3.0**	J	**11**											
	Aug-06	0.8	U	**2.0**	J	**9.0**											
	Jun-09	0.8	U	1.0	U	**4.0**	J										
	Sep-09	0.8	U	1.0	U	1.0	U										
	Dec-09	0.8	U	1.0	U	1.0	U										
	Mar-10	0.8	U	1.0	U	1.0	U										
	Aug-10	0.8	U	1.0	U	0.8	U										
	Dec-10	1.0	U	1.0	U	1.0	U										
P-17D										**P-17D**	Jun-04	1.0	U	**2.1**		**163**	
No associated shallow well											Dec-05	0.8	U	**2.0**	J	**120**	
											May-06	0.8	U	**2.0**	J	**130**	
											Aug-06	0.8	U	**2.0**	J	**110**	
											Jun-09	0.8	U	**2.0**	J	**75**	
											Sep-09	0.8	U	**2.0**	J	**100**	
											Dec-09	0.8	U	**2.0**	J	**91**	
											Mar-10	0.8	U	**2.0**	J	**72**	
											Aug-10	0.8	U	**2.0**	J	**72**	
											Dec-10	1.0	U	**1.9**		**64**	

Table 3
Historical Groundwater Sample Results
GE Puerto Rico Investment, Inc.
Patillas, Puerto Rico

Shallow Zone Monitoring Wells

		1,1,1-TCA		1,1-DCA		1,1-DCE	
	RSL or MCL*	200*		2.4		7.0*	
P-18S	Jun-04	**1.6**		**2.3**		**64**	
	Dec-05	**1.0**	J	**1.0**	J	**26**	
	May-06	**1.0**	J	**2.0**	J	**39**	
	Aug-06	**0.9**	J	1.0	U	**20**	
	Jun-09	**0.8**	J	**1.0**		**17**	
	Sep-09	**1.0**	J	**1.0**	J	**20**	
	Dec-09	**1.0**	J	**2.0**	J	**30**	
	Mar-10	**1.0**	J	**2.0**	J	**27**	
	Aug-10	0.8	U	**1.0**	J	**13**	
	Sep-10	1.0	U	**0.57**	J	**5.8**	
	Dec-10	1.0	U	1.0	U	**0.51**	J
P-19S	Jun-04	**0.4**	J	**0.3**	J	**5.4**	
	Dec-05	0.8	U	1.0	U	**2.0**	J
	May-06	0.8	U	1.0	U	**1.0**	J
	Aug-06	0.8	U	1.0	U	0.8	U
	Jun-09	0.8	U	1.0	U	0.8	U
	Sep-09	0.8	U	1.0	U	**2.0**	J
	Dec-09	0.8	U	1.0	U	**3.0**	J
	Mar-10	0.8	U	1.0	U	**3.0**	J
	Aug-10	0.8	U	1.0	U	0.8	U
	Dec-10	1.0	U	1.0	U	1.0	U
P-20S	May-06	0.8	U	1.0	U	0.8	U
	Aug-06	0.8	U	1.0	U	0.8	U
	Jun-09	0.8	U	1.0	U	0.8	U
	Sep-09	0.8	U	1.0	U	**7.0**	
	Dec-09	0.8	U	1.0	U	**5.0**	J
	Mar-10	0.8	U	1.0	U	**8.0**	J
	Aug-10	0.8	U	1.0	U	0.8	U
	Sep-10	1.0	U	1.0	U	1.0	U
	Dec-10	1.0	U	1.0	U	**0.67**	J
P-21S	Sep-10	1.0	U	**0.57**	J	**2.0**	
	Dec-10	1.0	U	**0.39**	J	**0.80**	J
P-22S	Sep-10	1.0	U	**0.35**	J	**2.4**	
	Dec-10	1.0	U	**0.26**	J	**1.5**	

Deep Zone Monitoring Wells

		1,1,1-TCA		1,1-DCA		1,1-DCE	
	RSL or MCL*	200*		2.4		7.0*	
P-18D	Jun-04	**1.2**		**2.1**		**65**	
	Dec-05	**1.0**	J	**1.0**	J	**38**	
	May-06	0.8	U	**2.0**	J	**53**	
	Aug-06	**1.0**	J	**2.0**	J	**53**	
	Jun-09	0.8	U	**1.0**	J	**31**	
	Sep-09	**0.8**	J	**1.0**		**37**	
	Dec-09	**1.0**	J	**2.0**	J	**38**	
	Mar-10	0.8	U	**2.0**	J	**33**	
	Aug-10	0.8	U	**2.0**	J	**24**	
	Sep-10	**0.39**	J	**1.3**		**23**	
	Dec-10	**0.34**	J	**1.3**		**20**	
P-19D	Jun-04	**1.1**		**0.7**	J	**15**	
	Dec-05	0.8	U	1.0	U	**5.0**	
	May-06	0.8	U	1.0	U	**7.0**	
	Aug-06	**1.0**	J	1.0	U	**8.0**	
	Jun-09	0.8	U	1.0	U	**2.0**	J
	Sep-09	0.8	U	1.0	U	**4.0**	J
	Dec-09	0.8	U	1.0	U	**6.0**	J
	Mar-10	0.8	U	1.0	U	**6.0**	J
	Aug-10	0.8	U	1.0	U	**3.0**	J
	Dec-10	1.0	U	1.0	U	**1.2**	
P-20D	May-06	0.8	U	**1.0**	J	**37**	
	Aug-06	0.8	U	**1.0**	J	**44**	
	Jun-09	0.8	U	1.0	U	**24**	
	Sep-09	0.8	U	1.0	U	**28**	
	Dec-09	0.8	U	1.0	U	**22**	
	Mar-10	0.8	U	1.0	U	**22**	
	Aug-10	0.8	U	1.0	U	**20**	
	Sep-10	1.0	U	**0.74**	J	**23**	
	Dec-10	1.0	U	**0.58**	J	**14**	
P-21D	Sep-10	1.0	U	1.0	U	1.0	U
	Dec-10	1.0	U	1.0	U	1.0	U
No associated deep well							

Concentrations are reported in micrograms per liter (ug/L).

RSL - USEPA Regional Screening Level
*MCL - Maximum contaminant level
NA - Not available
1,1,1-TCA - 1,1,1-Trichoroethane
1,1-DCA - 1,1-Dichloroethane
1,1-DCE - 1,1-Dichloroethene
U - Non-Detect. The analyte was not detected above the indicated reporting limit.
J - Estimated. The analyte was detected below the reporting limit.
Results that exceed the RSL or MCLs are boxed.
September 2010 results obtained the during execution of the Phase II ESA.

APPENDIX A

GROUNDWATER SAMPLING LOGS

GROUNDWATER SAMPLING LOG

Client	GE	**Well Number**	P-16S	**Sampler**	C. Ramos
Site	**Patillas**	**Total Well Depth**	27.8'	**Samples Collected: VOCs**	
Job Number		**Pump Intake Depth (ft)**	26.8'		

Static Water Level (ft)	16.2
Pumping Water Level (ft)	24.0
Standing Water Column (ft)	11.6'
Purge & Sampling Methods	QED Bladder Pump

BLADDER PUMP SETTINGS	
Refill	10
Discharge	5
Pressure	30psi

Time Purge Started	2:50pm
Sampling Date	Dec/15/2010
Sample Time	3:20pm
Total Volume Purged (gal)	1.0gal

All measurements taken from: Top of Casing ☑ Protective Casing ☐ Ground Level ☐

Time	pH	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp (°C)	ORP (mV)	Depth to Water (ft)	Flow Rate (mL/min)	Comments
	±0.1	±3%	±10%	±10 %	±3%	±10mV	<0.2'	75ml<rate<400ml	
2:50pm	6.06	1.94	919	3.16	29.22	-8	24	133.2	little turbidity in water
2:55pm	6.20	1.94	394	1.22	28.67	-36	24	"	"
3:00pm	6.26	1.93	233	1.02	28.76	-41	24	133.2	little turbidity in water
3:05pm	6.28	1.92	191	0.91	28.57	-43	24	133.2	
3:10pm	6.30	1.90	159	1.04	28.48	-46	24	133.2	

GROUNDWATER SAMPLING LOG

Client	GE	**Well Number**	P-7A	**Sampler**	C Ramos
Site	Patillas	**Total Well Depth**	53.6'	**Samples Collected:**	VOCs
Job Number		**Pump Intake Depth (ft)**	51.6'		

Static Water Level (ft)	15.6'
Pumping Water Level (ft)	51.6'
Standing Water Column (ft)	38'
Purge & Sampling Methods	QED Bladder Pump

BLADDER PUMP SETTINGS	
Refill	10
Discharge	5
Pressure	30 psi

Time Purge Started	8:10 AM
Sampling Date	Dec/16/2010
Sample Time	8:35 AM
Total Volume Purged (gal)	0.9 gal

All measurements taken from: Top of Casing ☑ Protective Casing ☐ Ground Level ☐

Time	pH	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp (°C)	ORP (mV)	Depth to Water (ft)	Flow Rate (mL/min)	Comments
	±0.1	±3%	±10%	±10 %	±3%	±10mV	<0.2'	75ml<rate<400ml	
8:15A	6.59	0.398	43.8	5.77	28.55	47	51.6'	121.09	Very clear water
8:20A	6.42	0.397	59.2	3.89	28.70	52	51.6'	"	
8:25A	6.38	0.397	36.2	2.63	28.73	55	51.6'	121.09	
8:30A	6.33	0.396	26.5	1.65	28.78	55	51.6	121.09	

GROUNDWATER SAMPLING LOG

Client	GE	Well Number	P-15DD	Sampler	C. Ramos
Site	Patillas	Total Well Depth	76.1'	Samples Collected: VOCs	
Job Number		Pump Intake Depth (ft)	72.0'		

Static Water Level (ft)	15.55'
Pumping Water Level (ft)	72.0'
Standing Water Column (ft)	60.55'
Purge & Sampling Methods	QED Bladder Pump

BLADDER PUMP SETTINGS	
Refill	10
Discharge	5
Pressure	30 psi

Time Purge Started	9.10A
Sampling Date	Dec 16/2020
Sample Time	9.35A
Total Volume Purged (gal)	1.0 gal

All measurements taken from: Top of Casing ☑ Protective Casing ☐ Ground Level ☐

Time	pH	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp (°C)	ORP (mV)	Depth to Water (ft)	Flow Rate (mL/min)	Comments
	±0.1	±3%	±10%	±10 %	±3%	±10mV	<0.2'	75ml<rate<400ml	
9.15A	6.44	0.462	381	1.13	29.27	63	72	1280	clear water
9.20A	6.47	0.486	119	0.72	29.36	68	72	4	4
9.25A	6.52	0.505	42	0.55	29.37	69	72	128.0	clear water
9.30A	6.55	0.512	20.1	0.44	29.36	70	72	128.0	

GROUNDWATER SAMPLING LOG

Client	GE	Well Number	P-215	Sampler	C. Ramos
Site	Patillas	Total Well Depth	20.2'	Samples Collected: VOCs	
Job Number		Pump Intake Depth (ft)	15.0'		

Static Water Level (ft)	9.5'
Pumping Water Level (ft)	15.0'
Standing Water Column (ft)	10.7'
Purge & Sampling Methods	QED Bladder Pump

BLADDER PUMP SETTINGS	
Refill	10
Discharge	5
Pressure	30 psi

Time Purge Started	10.15A
Sampling Date	Dec/16/2010
Sample Time	10.40A
Total Volume Purged (gal)	1 gal

All measurements taken from: Top of Casing ☑ Protective Casing ☐ Ground Level ☐

Time	pH	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp (°C)	ORP (mV)	Depth to Water (FT)	Flow Rate mL/min	Comments
	±0.1	±3%	±10%	±10 %	±3%	±10mV	<0.2'	75ml<rate<400ml	
10.20A	6.32	0.695	8.3	4.23	26.35	89	15.0'	111	clear water
10.25A	6.28	0.697	8.5	4.28	26.36	91	15.0'	"	"
10.30A	6.30	0.708	11.4	4.26	26.39	93	15.0'	111	"
10.35A	6.29	0.719	12.3	4.23	26.41	95	15.0'	111	clear water

GROUNDWATER SAMPLING LOG

Client	GE	Well Number	P-21D	Sampler	C. Ramos
Site	Patillas	Total Well Depth	46.7'	Samples Collected: VOCs	
Job Number		Pump Intake Depth (ft)	40.0'		

Static Water Level (ft)	6.2'
Pumping Water Level (ft)	40.0'
Standing Water Column (ft)	40.5'
Purge & Sampling Methods	QED Bladder Pump

BLADDER PUMP SETTINGS	
Refill	10
Discharge	5
Pressure	30psi

Time Purge Started	11.10A
Sampling Date	Dec/16/2010
Sample Time	11.35A
Total Volume Purged (gal)	1.2 gal

All measurements taken from: Top of Casing ☑ Protective Casing ☐ Ground Level ☐

Time	pH	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp (°C)	ORP (mV)	Depth to Water (ft)	Flow Rate (mL/min)	Comments
	±0.1	±3%	±10%	±10 %	±3%	±10mV	<0.2'	75ml<rate<400ml	
11.15A	7.28	0.785	1010	2.64	26.49	-113	40'	121.09	High turbidity water
11.20A	7.32	0.747	392	2.03	26.50	-150	40'	121.09	changes gradually to
11.25A	7.37	0.715	235	1.59	26.53	-180	40'	"	less Brown & clear
11.30A	7.38	0.720	213	1.36	26.55	-191	40'	121.09	

GROUNDWATER SAMPLING LOG

Client	GE	**Well Number**	P-20D	**Sampler**	C. Ramos
Site	Patillas	**Total Well Depth**	53.1'	**Samples Collected:**	VOCs
Job Number		**Pump Intake Depth (ft)**	45.0'		

Static Water Level (ft)	16.5'
Pumping Water Level (ft)	45.0'
Standing Water Column (ft)	36.6'
Purge & Sampling Methods	QED Bladder Pump

BLADDER PUMP SETTINGS	
Refill	10
Discharge	5
Pressure	30 psi

Time Purge Started	1:10p
Sampling Date	Dec/26/2010
Sample Time	1:35p
Total Volume Purged (gal)	1 gal

All measurements taken from: Top of Casing ☑ Protective Casing ☐ Ground Level ☐

Time	pH	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp (°C)	ORP (mV)	Depth to Water ( )	Flow Rate (ml/min)	Comments
	±0.1	±3%	±10%	±10 %	±3%	±10mV	<0.2'	75ml<rate<400ml	
1:15p	6.72	0.428	315	4.11	27.16	22	45'	111	clear water
1:20p	6.63	0.427	119	2.55	27.18	23	45'	111	
1:25p	6.59	0.432	44.9	1.62	27.16	24	"	"	
1:30p	6.59	0.433	25.8	1.18	27.11	26	45'	111	

GROUNDWATER SAMPLING LOG

Client	GE	**Well Number**	P-20 S	**Sampler**	C. Ramos
Site	Patillas	**Total Well Depth**	24.91'	**Samples Collected: VOCs**	
Job Number		**Pump Intake Depth (ft)**	18.0'		

Static Water Level (ft)	11.95'
Pumping Water Level (ft)	18.0'
Standing Water Column (ft)	12.95'
Purge & Sampling Methods	QED Bladder Pump

BLADDER PUMP SETTINGS	
Refill	10
Discharge	5
Pressure	30 psi

Time Purge Started	1:55P
Sampling Date	Dec/16/2016
Sample Time	2:20P
Total Volume Purged (gal)	0.8 gal

All measurements taken from: Top of Casing ☑ Protective Casing ☐ Ground Level ☐

Time	pH	Cond. mS/cm	Turbidity (NTU)	DO (mg/L)	Temp (°C)	ORP (mV)	Depth to Water (ft)	Flow Rate (ml/min)	Comments
	±0.1	±3%	±10%	±10 %	±3%	±10mV	<0.2'	75ml<rate<400ml	
2:00P	6.62	0.299	8.2	4.04	26.60	46	18	118.9	clear/water
2:05P	6.50	0.295	0.0	4.07	26.66	55	18	118.9	
2:10P	6.45	0.297	0.0	4.04	26.67	61	18	"	
2:15P	6.44	0.296	0.0	4.25	26.67	64	18	118.9	

GROUNDWATER SAMPLING LOG

Client	GE	**Well Number**	P-22 S	**Sampler**	C. Ramos
Site	Patillas	**Total Well Depth**	20.1'	**Samples Collected:**	VOCs
Job Number		**Pump Intake Depth (ft)**	15.0'		

Static Water Level (ft)	11.4'
Pumping Water Level (ft)	15.0'
Standing Water Column (ft)	8.7'
Purge & Sampling Methods	QED Bladder Pump

BLADDER PUMP SETTINGS	
Refill	10
Discharge	5
Pressure	30 psi

Time Purge Started	3:10pm
Sampling Date	Dec/16/2010
Sample Time	3:35pm
Total Volume Purged (gal)	1.1gal

All measurements taken from: Top of Casing ☑ Protective Casing ☐ Ground Level ☐

Time	pH	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp (°C)	ORP (mV)	Depth to Water (ft)	Flow Rate (ml/min)	Comments
	±0.1	±3%	±10%	±10 %	±3%	±10mV	<0.2'	75ml<rate<400ml	
3:15p	6.52	0.434	34.8	11.28	29.29	74	15.0	130	Very clear water
3:20p	6.47	0.438	20.7	6.0	29.29	83	"	"	
3:25p	6.45	0.436	21.7	5.97	29.43	87	15.0'	130	
3:30p	6.47	0.437	22.6	6.09	29.31	90	15.0'	130	

GROUNDWATER SAMPLING LOG

Client	GE	**Well Number**	P-18S	**Sampler**	C. Ramos
Site	Patillas	**Total Well Depth**	19.0'	**Samples Collected: VOCs**	
Job Number		**Pump Intake Depth (ft)**	18.0'		

Static Water Level (ft)	12.1'
Pumping Water Level (ft)	13.0'
Standing Water Column (ft)	6.9
Purge & Sampling Methods	QED Bladder Pump

BLADDER PUMP SETTINGS	
Refill	10
Discharge	5
Pressure	30psi

Time Purge Started	9:10A
Sampling Date	Dec/17/2010
Sample Time	9.40A
Total Volume Purged (gal)	1 gal

All measurements taken from: Top of Casing ☑ Protective Casing ☐ Ground Level ☐

Time	pH	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp (°C)	ORP (mV)	Depth to Water (ft)	Flow Rate (ml/min)	Comments
	±0.1	±3%	±10%	±10 %	±3%	±10mV	<0.2'	75ml<rate<400ml	
9.15A	6.15	0.462	120	5.24	28.22	106	13'	105.71	Very clear water
9.20A	6.15	0.661	63	4.70	28.13	107	"	"	
9.25A	6.14	0.664	30	5.09	27.89	105	13'	105.71	
9.30A	6.14	0.657	32	5.17	27.81	106	13'	105.71	

GROUNDWATER SAMPLING LOG

Client	GE	**Well Number**	P-18D	**Sampler**	C. Ramos
Site	Patillas	**Total Well Depth**	48.1'	**Samples Collected:**	VOCs
Job Number		**Pump Intake Depth (ft)**	39.0'		

Static Water Level (ft)	12.35'
Pumping Water Level (ft)	39.01
Standing Water Column (ft)	35.75'
Purge & Sampling Methods	QED Bladder Pump

BLADDER PUMP SETTINGS	
Refill	10
Discharge	5
Pressure	30 psi

Time Purge Started	9:55A
Sampling Date	Dec/17/2010
Sample Time	10.20A
Total Volume Purged (gal)	1 gal

All measurements taken from: Top of Casing ☑ Protective Casing ☐ Ground Level ☐

Time	pH	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp (°C)	ORP (mV)	Depth to Water (ft)	Flow Rate (mL/min)	Comments
	±0.1	±3%	±10%	±10 %	±3%	±10mV	<0.2'	75ml<rate<400ml	
10.0A	6.52	0.458	0.0	1.85	27.90	99	39	130.5	clear water
10.05A	6.36	0.457	0.0	0.72	28.04	98	39	4	
10.10A	6.34	0.461	0.0	0.60	27.89	98	11	130.5	
10.15A	6.33	0.461	0.0	0.57	27.80	99	39	130.5	

* Duplicate @2 taken at 10.40pm

GROUNDWATER SAMPLING LOG

Client	GE	**Well Number**	P-17D	**Sampler**	C. Ramos
Site	**Patillas**	**Total Well Depth**	63.91'	**Samples Collected: VOCs**	
Job Number		**Pump Intake Depth (ft)**	51.0'		

Static Water Level (ft)	10.65'
Pumping Water Level (ft)	51.0'
Standing Water Column (ft)	53.25'
Purge & Sampling Methods	QED Bladder Pump

BLADDER PUMP SETTINGS	
Refill	10
Discharge	5
Pressure	30psi

Time Purge Started	11.00 AM
Sampling Date	Dec/17/2010
Sample Time	11:25A
Total Volume Purged (gal)	1gal

All measurements taken from: Top of Casing ☑ Protective Casing ☐ Ground Level ☐

Time	pH	Cond. mS/cm	Turbidity (NTU)	DO (mg/L)	Temp (°C)	ORP (mV)	Depth to Water (ft)	Flow Rate ml/min	Comments
	±0.1	±3%	±10%	±10 %	±3%	±10mV	<0.2'	75ml<rate<400ml	
11.05A	7.01	0.352	96.7	4.62	27.90	36	51.0	128.07	clear water
11:10A	6.99	0.341	14.5	4.37	27.99	61	"	128.07	
11:15A	6.98	0.370	7.3	3.89	27.93	79	51.0'	128.07	
11:20A	6.95	0.455	7.0	2.72	27.90	87	51.0'	128.07	

GROUNDWATER SAMPLING LOG

Client	GE	**Well Number**	P-19D	**Sampler**	C. Romer
Site	**Patillas**	**Total Well Depth**	38.25'	**Samples Collected: VOCs**	
Job Number		**Pump Intake Depth (ft)**	32.01		

Static Water Level (ft)	10.80'
Pumping Water Level (ft)	32.01
Standing Water Column (ft)	27.45'
Purge & Sampling Methods	QED Bladder Pump

BLADDER PUMP SETTINGS	
Refill	10
Discharge	5
Pressure	30psi

Time Purge Started	12:00P
Sampling Date	Dec/17/2010
Sample Time	12:25P
Total Volume Purged (gal)	1.3 gals

All measurements taken from: Top of Casing ☑ Protective Casing ☐ Ground Level ☐

Time	pH	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp (°C)	ORP (mV)	Depth to Water (FT)	Flow Rate (ml/min)	Comments
	±0.1	±3%	±10%	±10 %	±3%	±10mV	<0.2'	75ml<rate<400ml	
12:05P	6.80	0.425	10.6	4.66	28.81	73	32'	1233	Clear Water
12:10P	6.50	0.460	0.0	4.33	28.36	92	32	1233	
12:15P	6.43	0.470	0.0	3.66	28.37	97	32	"	
12:20P	6.43	0.474	0.0	4.40	28.36	101	32	1233	

GROUNDWATER SAMPLING LOG

Client	GE	**Well Number**	P-195	**Sampler**	C. Ramos
Site	**Patillas**	**Total Well Depth**	18.11	**Samples Collected: VOCs**	
Job Number		**Pump Intake Depth (ft)**	12.0'		

Static Water Level (ft)	9.91
Pumping Water Level (ft)	12.01
Standing Water Column (ft)	8.21
Purge & Sampling Methods	QED Bladder Pump

BLADDER PUMP SETTINGS	
Refill	10
Discharge	5
Pressure	30psi

Time Purge Started	12.40p
Sampling Date	Dec/17/2010
Sample Time	1.10p
Total Volume Purged (gal)	1.0 gal

All measurements taken from: Top of Casing ☑ Protective Casing ☐ Ground Level ☐

Time	pH	Cond. (Ms/cm)	Turbidity (NTU)	DO (mg/L)	Temp (°C)	ORP (mV)	Depth to Water (ft)	Flow Rate (ml/min)	Comments
	±0.1	±3%	±10%	±10 %	±3%	±10mV	<0.2'	75ml<rate<400ml	
12.45p	6.24	0.324	430	5.53	27.85	135	12'	83.2	Little turbidity in water
12.50p	6.22	0.326	235	5.38	28.64	130	12'	83.2	
12.55p	6.25	0.327	125	5.66	28.63	129	12'	83.2	
1.00p	6.27	0.327	84.9	6.09	28.70	127	12'	83.2	

GROUNDWATER SAMPLING LOG

Client	GE	**Well Number**	P-8D	**Sampler**	C. Ramos
Site	Patillas	**Total Well Depth**	41-0'	**Samples Collected: VOCs**	
Job Number		**Pump Intake Depth (ft)**	40'-0'		

Static Water Level (ft)	15.6'
Pumping Water Level (ft)	40'
Standing Water Column (ft)	25.4'
Purge & Sampling Methods	QED Bladder Pump

BLADDER PUMP SETTINGS	
Refill	10
Discharge	5
Pressure	30psi

Time Purge Started	2:35p
Sampling Date	Dec/17/2010
Sample Time	3:05p
Total Volume Purged (gal)	1.1 gal

All measurements taken from: Top of Casing ☑ Protective Casing ☐ Ground Level ☐

Time	pH	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp (°C)	ORP (mV)	Depth to Water (ft)	Flow Rate (mL/min)	Comments
	±0.1	±3%	±10%	±10 %	±3%	±10mV	<0.2'	75ml<rate<400ml	
2:40p	6.73	0.495	5999	4.94	28.12	98	40'	111	High Turbidity in Water
2:45p	6.50	0.497	1,312	1.73	27.62	68	40'	"	
2:50p	6.47	0.491	601	0.98	27.44	70	40'	111	
2:55p	6.46	0.493	377	0.79	27.37	77	40'	111	
3:00p	6.46	0.493	326	0.76	27.37	79	40'	111	

Duplicate #1 was taken at 3:25pm

GROUNDWATER SAMPLING LOG

Client	GE	**Well Number**	P-7	**Sampler**	C. Ramos
Site	**Patillas**	**Total Well Depth**	19.65'	**Samples Collected: VOCs**	
Job Number		**Pump Intake Depth (ft)**	14.0'		

Static Water Level (ft)	9.5'
Pumping Water Level (ft)	14.0'
Standing Water Column (ft)	10.12'
Purge & Sampling Methods	QED Bladder Pump

BLADDER PUMP SETTINGS	
Refill	10
Discharge	5
Pressure	30psi

Time Purge Started	8.05A
Sampling Date	Dec/20/2010
Sample Time	8.35A
Total Volume Purged (gal)	0.5 gal

All measurements taken from: Top of Casing ☑ Protective Casing ☐ Ground Level ☐

Time	pH	Cond. (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp (°C)	ORP (mV)	Depth to Water (ft)	Flow Rate (ml/min)	Comments
	±0.1	±3%	±10%	±10 %	±3%	±10mV	<0.2'	75ml<rate<400ml	
8.10A	6.33	0.466	12.2	2.02	29.48	148	14	118.10	Very clear Water
8.15A	6.21	0.463	3.5	1.40	30.08	140	14	118.10	
8.20A	6.20	0.459	2.3	1.49	30.14	135	14	118.10	
8.25A	6.21	0.450	0.4	1.62	30.18	132	14	118.10	

Sample time 8.38Am Bacterias.

GROUNDWATER SAMPLING LOG

Client	GE	**Well Number**	P-10A	**Sampler**	C. RAMOS
Site	Patillas	**Total Well Depth**	39.31	**Samples Collected: VOCs**	
Job Number		**Pump Intake Depth (ft)**	35'-0'		

Static Water Level (ft)	17.2'
Pumping Water Level (ft)	35'-0'
Standing Water Column (ft)	22.1'
Purge & Sampling Methods	QED Bladder Pump

BLADDER PUMP SETTINGS	
Refill	10
Discharge	5
Pressure	30 psi

Time Purge Started	9.05A
Sampling Date	Dec/20/2010
Sample Time	9.35 AM
Total Volume Purged (gal)	0.60 gal

All measurements taken from: Top of Casing ☑ Protective Casing ☐ Ground Level ☐

Time	pH	Cond. (ms/cm)	Turbidity (NTU)	DO (mg/L)	Temp (°C)	ORP (mV)	Depth to Water (ft)	Flow Rate (mL/min)	Comments
	±0.1	±3%	±10%	±10 %	±3%	±10mV	<0.2'	75ml<rate<400ml	
9:10A	11.22	0.622	7.2	6.17	29.27	10	35'	128	Clear Water
9:15A	11.23	0.639	2.2	6.02	29.46	1	35'	"	
9:20A	11.27	0.649	10.2	5.71	29.59	-4	35'	128	
9:25A	11.27	0.639	9.1	5.45	29.63	-7	35'	128	
9:30A	11.22	0.588	12.2	5.31	29.69	-6	35'	128	

Notes:
- Well depth measured 39.31
- Sample taken at 35'-0 instead of 44'-0'
- Sample time 9:45 AM Bacteria

APPENDIX B

LABORATORY ANALYTICAL DATA

(INCLUDED ON CD)

Daliz Estades Santaliz

Licensed Chemist

To Whom It May Concern:

I, Daliz M. Estades Santaliz, in my capacity as Puerto Rico Certified Chemist, hereby certify the attached Analytical Results from Project Name GE Patillas, Puerto Rico, and Laboratory ID Numbers:

1012332-01	1012332-11
1012332-02	1012332-12
1012332-03	1012332-13
1012332-04	1012332-14
1012332-05	1012332-15
1012332-06	1012332-16
1012332-07	1012332-17
1012332-08	1012332-18
1012332-09	1012332-10
1012332-10	

Lcda. Daliz M. Estades Santaliz

PO Box 727
Dorado, PR 00646-0727

ANALYTICAL SERVICES REPORT

Prepared for:
MWH Americas - Farmington Hills, MI
35055 W. Twelve Mile Rd.; Suite 140
Farmington Hills, MI 48331

Project:
GE - Patillas, Puerto Rico

Work Orders:
1012332

Date:
January 21, 2011

Prepared by:
TriMatrix Laboratories, Inc.
5560 Corporate Exchange Court SE
Grand Rapids, MI 49512-5503

5560 Corporate Exchange Court SE ♦ Grand Rapids, MI 49512 ♦ 616.975.4500 ♦ Fax 616.942.7463 ♦ www.trimatrixlabs.com

CASE NARRATIVE

MWH Americas - Farmington Hills, MI
GE - Patillas, Puerto Rico

SDG Executive Summary

This case narrative applies to samples received on December 21, 2010. All samples were scheduled for analysis in accordance with parameters outlined on the field chain of custody record, the TriMatrix bid form, and/or oral and written correspondence between MWH Americas - Farmington Hills, MI and TriMatrix Laboratories, Inc..

Project Technical Issues/Problems

Project-related data qualification designations and reporting conventions are included in Attachment 1 - *Project Technical Narrative*.

QA/QC Data Qualifications/Narrations

Quality assurance issues and/or quality control data qualifications and narrations related to the analysis and reporting of this SDG/workorder(s) are presented in Attachment 2 - *Statement of Data Qualifications*. The absence of a statement page for a particular analyte group (*e.g.* Percent Solids) implies that no qualifying statements were generated for that analyte.

Data Review and Approval

All data was peer-reviewed by a second analyst, and then by appropriate data management staff against laboratory quality control requirements and project specifications. It was then reviewed and approved by the group supervisor/manager prior to further review by the project chemist.

Data Deliverables

The data deliverables, both hardcopy and/or electronic (EDD), that comprise this report are intended to comply with the documents referenced in the introductory section of this narrative. The EDD, if requested, will be issued separately from this hardcopy report.

This report relates only to the samples(s) as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC). Estimates of analytical uncertainties for the test results contained within the report are available upon request.

Gary L. Wood, Project Chemist

1/21/11

Date

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Sample Receipt and Login -- Work Order: 1012332

TriMatrix Laboratories received the cooler(s) for this work order on December 21, 2010, at 11:00. Receiving documents include field chain-of-custody (COC) record(s), sample receipt form(s), and FedEx shipping document(s). The condition of the custody seals, the type and location of the coolant, and the temperatures recorded for each cooler are presented on the TriMatrix Sample Receiving / Log-In Checklist. The receipt temperature of the samples was determined by using an infrared thermometer to record the temperature of three random samples of varying container types and the accompanying temperature blank, if present.

Samples were scheduled for the analyses listed on the corresponding field COC form, the TriMatrix bidform and/or oral and written correspondance between the client and TriMatrix Laboratories, Inc.. Field IDs and assigned laboratory identifiers are presented in the table below.

Field Sample Name	Laboratory Sample ID	Matrix	Date Sampled
P-16S	1012332-01	Water	12/15/2010
P-7A	1012332-02	Water	12/16/2010
P-15DD	1012332-03	Water	12/16/2010
P-21S	1012332-04	Water	12/16/2010
P-21D	1012332-05	Water	12/16/2010
P-20D	1012332-06	Water	12/16/2010
P-20S	1012332-07	Water	12/16/2010
P-22S	1012332-08	Water	12/16/2010
P-18S	1012332-09	Water	12/17/2010
P-18D	1012332-10	Water	12/17/2010
P-18D (Duplicate 2)	1012332-11	Water	12/17/2010
P-17D	1012332-12	Water	12/17/2010
P-19D	1012332-13	Water	12/17/2010
P-19S	1012332-14	Water	12/17/2010
P-8D	1012332-15	Water	12/17/2010
P-8D (Duplicate 1)	1012332-16	Water	12/17/2010
P-7	1012332-17	Water	12/20/2010
P-10A	1012332-18	Water	12/20/2010
Trip Blank TM2606	1012332-19	Water	12/20/2010

No administrative issues were encountered during the receipt and analysis of this work order.

The following administrative issues were encountered during the receipt and analysis of this work order:

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CASE NARRATIVE

Attachment 1
Project Technical Narrative

Sample Result Reporting Convention

Sample results are reported as RL "U" (e.g. 0.001 U) if the target analyte was not detected above the MDL.

If a sample for an organic analyte is reanalyzed and also reported, the second analysis includes the suffix "RE*n*" where *n* = the first, second, etc. reanalysis.

Data Qualifier Designation

If applicable, sample results are qualified with:

- a "J" flag if the analyte was detected, but the concentration is greater than the MDL and less than the RL;
- a "B" flag if the analyte was also detected at or above the RL in the associated method blank, and the sample concentration was less than five times the method blank result;
- an "E" flag if the analyte exceeded the instrument calibration range;
- an asterisk (*) if a report-generated statement of qualification applies; qualifying statements, if any, will be found in Attachment 2 to this narrative.

QC Batch and Analytical Batch Designation

A Quality Control (QC) Batch is a seven-digit number that associates all samples that have been prepared together (or analyzed together if there is no preparation). Quality Control batches are limited to no more than twenty samples, excluding batch QC (method blanks, control spikes, etc.). Some batches may contain multiple sets of method blanks (BLK) and laboratory control samples (BS), where a set of method quality control analyses were prepared in concert with each set of samples on a given day.

An Analytical Batch (or Sequence) is a seven-digit number that associates all samples analyzed as a set under one analytical run.

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CASE NARRATIVE

Attachment 2
Statement of Data Qualifications

Volatile Organic Compounds by EPA Method 8260B

Qualification: The CCV for this analytical sequence had a recovery outside the control limit. All results for this analyte in the analytical sequence should be considered as estimated.

Analysis: USEPA-8260B

Sample/Analyte:		
1012332-15RE1	P-8D	Dichlorodifluoromethane
1012332-16RE1	P-8D (Duplicate 1)	Dichlorodifluoromethane
1012332-18	P-10A	Dichlorodifluoromethane

Qualification: The result for this analyte was above the linear range of the initial calibration curve and must be considered as estimated.

Analysis: USEPA-8260B

Sample/Analyte:		
1012332-15	P-8D	1,1-Dichloroethene
1012332-16	P-8D (Duplicate 1)	1,1-Dichloroethene

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-16S**	Sampled:	12/15/10 15:20
Lab Sample ID:	**1012332-01**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	**2.6J**	5.0	2.1
71-43-2	Benzene	1.0U	1.0	0.18
108-86-1	Bromobenzene	1.0U	1.0	0.19
74-97-5	Bromochloromethane	1.0U	1.0	0.18
75-27-4	Bromodichloromethane	1.0U	1.0	0.13
75-25-2	Bromoform	1.0U	1.0	0.15
74-83-9	Bromomethane	1.0U	1.0	0.18
104-51-8	n-Butylbenzene	1.0U	1.0	0.18
135-98-8	sec-Butylbenzene	1.0U	1.0	0.18
98-06-6	tert-Butylbenzene	1.0U	1.0	0.15
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.13
108-90-7	Chlorobenzene	1.0U	1.0	0.19
75-00-3	Chloroethane	1.0U	1.0	0.15
67-66-3	Chloroform	1.0U	1.0	0.17
74-87-3	Chloromethane	1.0U	1.0	0.16
95-49-8	2-Chlorotoluene	1.0U	1.0	0.16
106-43-4	4-Chlorotoluene	1.0U	1.0	0.12
96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.40
124-48-1	Dibromochloromethane	1.0U	1.0	0.14
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
74-95-3	Dibromomethane	1.0U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.13
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.12
75-71-8	Dichlorodifluoromethane	1.0U	1.0	0.21
75-34-3	1,1-Dichloroethane	1.0U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.13
75-35-4	1,1-Dichloroethene	1.0U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0U	1.0	0.23
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.20
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.15

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-16S**	Sampled:	12/15/10 15:20
Lab Sample ID:	**1012332-01**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
142-28-9	1,3-Dichloropropane	1.0U	1.0	0.14
594-20-7	2,2-Dichloropropane	1.0U	1.0	0.18
563-58-6	1,1-Dichloropropene	1.0U	1.0	0.25
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.23
100-41-4	Ethylbenzene	1.0U	1.0	0.14
87-68-3	Hexachlorobutadiene	1.0U	1.0	0.28
98-82-8	Isopropylbenzene	1.0U	1.0	0.15
99-87-6	4-Isopropyltoluene	1.0U	1.0	0.29
1634-04-4	Methyl tert-Butyl Ether	1.0U	1.0	0.28
75-09-2	Methylene Chloride	1.0U	1.0	0.26
78-93-3	2-Butanone (MEK)	5.0U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	0.28
91-20-3	Naphthalene	5.0U	5.0	0.37
103-65-1	n-Propylbenzene	1.0U	1.0	0.15
100-42-5	Styrene	1.0U	1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.070
127-18-4	Tetrachloroethene	1.0U	1.0	0.16
108-88-3	Toluene	1.0U	1.0	0.16
87-61-6	1,2,3-Trichlorobenzene	1.0U	1.0	0.18
120-82-1	1,2,4-Trichlorobenzene	1.0U	1.0	0.16
71-55-6	1,1,1-Trichloroethane	1.0U	1.0	0.19
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.18
79-01-6	Trichloroethene	1.0U	1.0	0.092
75-69-4	Trichlorofluoromethane	1.0U	1.0	0.20
96-18-4	1,2,3-Trichloropropane	1.0U	1.0	0.28
95-63-6	1,2,4-Trimethylbenzene	1.0U	1.0	0.16
108-67-8	1,3,5-Trimethylbenzene	1.0U	1.0	0.18
75-01-4	Vinyl Chloride	1.0U	1.0	0.10
136777-61-2	Xylene, Meta + Para	2.0U	2.0	0.28

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-16S**	Sampled:	12/15/10 15:20
Lab Sample ID:	**1012332-01**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
95-47-6	Xylene, Ortho	1.0U	1.0	0.14

Surrogates:	*% Recovery*	*Control Limits*
Dibromofluoromethane	100	*88-116*
1,2-Dichloroethane-d4	102	*87-123*
Toluene-d8	94	*91-107*
4-Bromofluorobenzene	99	*84-106*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-7A**	Sampled:	12/16/10 08:35
Lab Sample ID:	**1012332-02**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	**3.3J**	5.0	2.1
71-43-2	Benzene	1.0U	1.0	0.18
108-86-1	Bromobenzene	1.0U	1.0	0.19
74-97-5	Bromochloromethane	1.0U	1.0	0.18
75-27-4	Bromodichloromethane	1.0U	1.0	0.13
75-25-2	Bromoform	1.0U	1.0	0.15
74-83-9	Bromomethane	1.0U	1.0	0.18
104-51-8	n-Butylbenzene	1.0U	1.0	0.18
135-98-8	sec-Butylbenzene	1.0U	1.0	0.18
98-06-6	tert-Butylbenzene	1.0U	1.0	0.15
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.13
108-90-7	Chlorobenzene	1.0U	1.0	0.19
75-00-3	Chloroethane	1.0U	1.0	0.15
67-66-3	Chloroform	1.0U	1.0	0.17
74-87-3	Chloromethane	1.0U	1.0	0.16
95-49-8	2-Chlorotoluene	1.0U	1.0	0.16
106-43-4	4-Chlorotoluene	1.0U	1.0	0.12
96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.40
124-48-1	Dibromochloromethane	1.0U	1.0	0.14
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
74-95-3	Dibromomethane	1.0U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.13
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.12
75-71-8	Dichlorodifluoromethane	1.0U	1.0	0.21
75-34-3	1,1-Dichloroethane	1.0U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.13
75-35-4	1,1-Dichloroethene	**0.81J**	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0U	1.0	0.23
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.20
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.15

Continued on next page

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-7A**	Sampled:	12/16/10 08:35
Lab Sample ID:	**1012332-02**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
142-28-9	1,3-Dichloropropane	1.0U	1.0	0.14
594-20-7	2,2-Dichloropropane	1.0U	1.0	0.18
563-58-6	1,1-Dichloropropene	1.0U	1.0	0.25
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.23
100-41-4	Ethylbenzene	1.0U	1.0	0.14
87-68-3	Hexachlorobutadiene	1.0U	1.0	0.28
98-82-8	Isopropylbenzene	1.0U	1.0	0.15
99-87-6	4-Isopropyltoluene	1.0U	1.0	0.29
1634-04-4	Methyl tert-Butyl Ether	1.0U	1.0	0.28
75-09-2	Methylene Chloride	1.0U	1.0	0.26
78-93-3	2-Butanone (MEK)	5.0U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	0.28
91-20-3	Naphthalene	5.0U	5.0	0.37
103-65-1	n-Propylbenzene	1.0U	1.0	0.15
100-42-5	Styrene	1.0U	1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.070
127-18-4	Tetrachloroethene	1.0U	1.0	0.16
108-88-3	Toluene	1.0U	1.0	0.16
87-61-6	1,2,3-Trichlorobenzene	1.0U	1.0	0.18
120-82-1	1,2,4-Trichlorobenzene	1.0U	1.0	0.16
71-55-6	1,1,1-Trichloroethane	1.0U	1.0	0.19
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.18
79-01-6	Trichloroethene	1.0U	1.0	0.092
75-69-4	Trichlorofluoromethane	1.0U	1.0	0.20
96-18-4	1,2,3-Trichloropropane	1.0U	1.0	0.28
95-63-6	1,2,4-Trimethylbenzene	1.0U	1.0	0.16
108-67-8	1,3,5-Trimethylbenzene	1.0U	1.0	0.18
75-01-4	Vinyl Chloride	1.0U	1.0	0.10
136777-61-2	Xylene, Meta + Para	2.0U	2.0	0.28

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-7A**	Sampled:	12/16/10 08:35
Lab Sample ID:	**1012332-02**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
95-47-6	Xylene, Ortho	1.0U	1.0	0.14

Surrogates:	*% Recovery*	*Control Limits*
Dibromofluoromethane	98	*88-116*
1,2-Dichloroethane-d4	105	*87-123*
Toluene-d8	94	*91-107*
4-Bromofluorobenzene	98	*84-106*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-15DD**	Sampled:	12/16/10 09:35
Lab Sample ID:	**1012332-03**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	**3.1J**	5.0	2.1
71-43-2	Benzene	1.0U	1.0	0.18
108-86-1	Bromobenzene	1.0U	1.0	0.19
74-97-5	Bromochloromethane	1.0U	1.0	0.18
75-27-4	Bromodichloromethane	1.0U	1.0	0.13
75-25-2	Bromoform	1.0U	1.0	0.15
74-83-9	Bromomethane	1.0U	1.0	0.18
104-51-8	n-Butylbenzene	1.0U	1.0	0.18
135-98-8	sec-Butylbenzene	1.0U	1.0	0.18
98-06-6	tert-Butylbenzene	1.0U	1.0	0.15
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.13
108-90-7	Chlorobenzene	1.0U	1.0	0.19
75-00-3	Chloroethane	1.0U	1.0	0.15
67-66-3	Chloroform	**0.21J**	1.0	0.17
74-87-3	Chloromethane	1.0U	1.0	0.16
95-49-8	2-Chlorotoluene	1.0U	1.0	0.16
106-43-4	4-Chlorotoluene	1.0U	1.0	0.12
96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.40
124-48-1	Dibromochloromethane	1.0U	1.0	0.14
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
74-95-3	Dibromomethane	1.0U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.13
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.12
75-71-8	Dichlorodifluoromethane	1.0U	1.0	0.21
75-34-3	1,1-Dichloroethane	**2.2**	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.13
75-35-4	1,1-Dichloroethene	**55**	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0U	1.0	0.23
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.20
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.15

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-15DD**	Sampled:	12/16/10 09:35
Lab Sample ID:	**1012332-03**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
142-28-9	1,3-Dichloropropane	1.0U	1.0	0.14
594-20-7	2,2-Dichloropropane	1.0U	1.0	0.18
563-58-6	1,1-Dichloropropene	1.0U	1.0	0.25
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.23
100-41-4	Ethylbenzene	1.0U	1.0	0.14
87-68-3	Hexachlorobutadiene	1.0U	1.0	0.28
98-82-8	Isopropylbenzene	1.0U	1.0	0.15
99-87-6	4-Isopropyltoluene	1.0U	1.0	0.29
1634-04-4	Methyl tert-Butyl Ether	1.0U	1.0	0.28
75-09-2	Methylene Chloride	1.0U	1.0	0.26
78-93-3	2-Butanone (MEK)	5.0U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	0.28
91-20-3	Naphthalene	5.0U	5.0	0.37
103-65-1	n-Propylbenzene	1.0U	1.0	0.15
100-42-5	Styrene	1.0U	1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.070
127-18-4	Tetrachloroethene	1.0U	1.0	0.16
108-88-3	Toluene	1.0U	1.0	0.16
87-61-6	1,2,3-Trichlorobenzene	1.0U	1.0	0.18
120-82-1	1,2,4-Trichlorobenzene	1.0U	1.0	0.16
71-55-6	1,1,1-Trichloroethane	**0.31J**	1.0	0.19
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.18
79-01-6	Trichloroethene	1.0U	1.0	0.092
75-69-4	Trichlorofluoromethane	**0.23J**	1.0	0.20
96-18-4	1,2,3-Trichloropropane	1.0U	1.0	0.28
95-63-6	1,2,4-Trimethylbenzene	1.0U	1.0	0.16
108-67-8	1,3,5-Trimethylbenzene	1.0U	1.0	0.18
75-01-4	Vinyl Chloride	1.0U	1.0	0.10
136777-61-2	Xylene, Meta + Para	2.0U	2.0	0.28

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-15DD**	Sampled:	12/16/10 09:35
Lab Sample ID:	**1012332-03**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
95-47-6	Xylene, Ortho	1.0U	1.0	0.14

Surrogates:	*% Recovery*	*Control Limits*
Dibromofluoromethane	98	*88-116*
1,2-Dichloroethane-d4	104	*87-123*
Toluene-d8	94	*91-107*
4-Bromofluorobenzene	99	*84-106*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-21S**	Sampled:	12/16/10 10:40
Lab Sample ID:	**1012332-04**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	**2.2J**	5.0	2.1
71-43-2	Benzene	1.0U	1.0	0.18
108-86-1	Bromobenzene	1.0U	1.0	0.19
74-97-5	Bromochloromethane	1.0U	1.0	0.18
75-27-4	Bromodichloromethane	1.0U	1.0	0.13
75-25-2	Bromoform	1.0U	1.0	0.15
74-83-9	Bromomethane	1.0U	1.0	0.18
104-51-8	n-Butylbenzene	1.0U	1.0	0.18
135-98-8	sec-Butylbenzene	1.0U	1.0	0.18
98-06-6	tert-Butylbenzene	1.0U	1.0	0.15
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.13
108-90-7	Chlorobenzene	1.0U	1.0	0.19
75-00-3	Chloroethane	1.0U	1.0	0.15
67-66-3	Chloroform	1.0U	1.0	0.17
74-87-3	Chloromethane	1.0U	1.0	0.16
95-49-8	2-Chlorotoluene	1.0U	1.0	0.16
106-43-4	4-Chlorotoluene	1.0U	1.0	0.12
96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.40
124-48-1	Dibromochloromethane	1.0U	1.0	0.14
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
74-95-3	Dibromomethane	1.0U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.13
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.12
75-71-8	Dichlorodifluoromethane	1.0U	1.0	0.21
75-34-3	1,1-Dichloroethane	**0.39J**	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.13
75-35-4	1,1-Dichloroethene	**0.80J**	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0U	1.0	0.23
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.20
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.15

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-21S**	Sampled:	12/16/10 10:40
Lab Sample ID:	**1012332-04**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
142-28-9	1,3-Dichloropropane	1.0U	1.0	0.14
594-20-7	2,2-Dichloropropane	1.0U	1.0	0.18
563-58-6	1,1-Dichloropropene	1.0U	1.0	0.25
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.23
100-41-4	Ethylbenzene	1.0U	1.0	0.14
87-68-3	Hexachlorobutadiene	1.0U	1.0	0.28
98-82-8	Isopropylbenzene	1.0U	1.0	0.15
99-87-6	4-Isopropyltoluene	1.0U	1.0	0.29
1634-04-4	Methyl tert-Butyl Ether	1.0U	1.0	0.28
75-09-2	Methylene Chloride	1.0U	1.0	0.26
78-93-3	2-Butanone (MEK)	5.0U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	0.28
91-20-3	Naphthalene	5.0U	5.0	0.37
103-65-1	n-Propylbenzene	1.0U	1.0	0.15
100-42-5	Styrene	1.0U	1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.070
127-18-4	Tetrachloroethene	1.0U	1.0	0.16
108-88-3	Toluene	1.0U	1.0	0.16
87-61-6	1,2,3-Trichlorobenzene	1.0U	1.0	0.18
120-82-1	1,2,4-Trichlorobenzene	1.0U	1.0	0.16
71-55-6	1,1,1-Trichloroethane	1.0U	1.0	0.19
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.18
79-01-6	Trichloroethene	1.0U	1.0	0.092
75-69-4	Trichlorofluoromethane	1.0U	1.0	0.20
96-18-4	1,2,3-Trichloropropane	1.0U	1.0	0.28
95-63-6	1,2,4-Trimethylbenzene	1.0U	1.0	0.16
108-67-8	1,3,5-Trimethylbenzene	1.0U	1.0	0.18
75-01-4	Vinyl Chloride	1.0U	1.0	0.10
136777-61-2	Xylene, Meta + Para	2.0U	2.0	0.28

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-21S**	Sampled:	12/16/10 10:40
Lab Sample ID:	**1012332-04**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
95-47-6	Xylene, Ortho	1.0U	1.0	0.14

Surrogates:	*% Recovery*	*Control Limits*
Dibromofluoromethane	100	*88-116*
1,2-Dichloroethane-d4	103	*87-123*
Toluene-d8	95	*91-107*
4-Bromofluorobenzene	100	*84-106*

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-21D**	Sampled:	12/16/10 11:35
Lab Sample ID:	**1012332-05**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	**2.9J**	5.0	2.1
71-43-2	Benzene	**0.86J**	1.0	0.18
108-86-1	Bromobenzene	1.0U	1.0	0.19
74-97-5	Bromochloromethane	1.0U	1.0	0.18
75-27-4	Bromodichloromethane	1.0U	1.0	0.13
75-25-2	Bromoform	1.0U	1.0	0.15
74-83-9	Bromomethane	1.0U	1.0	0.18
104-51-8	n-Butylbenzene	1.0U	1.0	0.18
135-98-8	sec-Butylbenzene	1.0U	1.0	0.18
98-06-6	tert-Butylbenzene	1.0U	1.0	0.15
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.13
108-90-7	Chlorobenzene	1.0U	1.0	0.19
75-00-3	Chloroethane	1.0U	1.0	0.15
67-66-3	Chloroform	1.0U	1.0	0.17
74-87-3	Chloromethane	1.0U	1.0	0.16
95-49-8	2-Chlorotoluene	1.0U	1.0	0.16
106-43-4	4-Chlorotoluene	1.0U	1.0	0.12
96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.40
124-48-1	Dibromochloromethane	1.0U	1.0	0.14
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
74-95-3	Dibromomethane	1.0U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.13
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.12
75-71-8	Dichlorodifluoromethane	1.0U	1.0	0.21
75-34-3	1,1-Dichloroethane	1.0U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.13
75-35-4	1,1-Dichloroethene	1.0U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0U	1.0	0.23
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.20
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.15

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-21D**	Sampled:	12/16/10 11:35
Lab Sample ID:	**1012332-05**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
142-28-9	1,3-Dichloropropane	1.0U	1.0	0.14
594-20-7	2,2-Dichloropropane	1.0U	1.0	0.18
563-58-6	1,1-Dichloropropene	1.0U	1.0	0.25
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.23
100-41-4	Ethylbenzene	1.0U	1.0	0.14
87-68-3	Hexachlorobutadiene	1.0U	1.0	0.28
98-82-8	Isopropylbenzene	1.0U	1.0	0.15
99-87-6	4-Isopropyltoluene	1.0U	1.0	0.29
1634-04-4	Methyl tert-Butyl Ether	1.0U	1.0	0.28
75-09-2	Methylene Chloride	1.0U	1.0	0.26
78-93-3	2-Butanone (MEK)	5.0U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	0.28
91-20-3	Naphthalene	5.0U	5.0	0.37
103-65-1	n-Propylbenzene	1.0U	1.0	0.15
100-42-5	Styrene	1.0U	1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.070
127-18-4	Tetrachloroethene	1.0U	1.0	0.16
108-88-3	Toluene	**0.24J**	1.0	0.16
87-61-6	1,2,3-Trichlorobenzene	1.0U	1.0	0.18
120-82-1	1,2,4-Trichlorobenzene	1.0U	1.0	0.16
71-55-6	1,1,1-Trichloroethane	1.0U	1.0	0.19
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.18
79-01-6	Trichloroethene	1.0U	1.0	0.092
75-69-4	Trichlorofluoromethane	1.0U	1.0	0.20
96-18-4	1,2,3-Trichloropropane	1.0U	1.0	0.28
95-63-6	1,2,4-Trimethylbenzene	1.0U	1.0	0.16
108-67-8	1,3,5-Trimethylbenzene	1.0U	1.0	0.18
75-01-4	Vinyl Chloride	1.0U	1.0	0.10
136777-61-2	Xylene, Meta + Para	2.0U	2.0	0.28

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-21D**	Sampled:	12/16/10 11:35
Lab Sample ID:	**1012332-05**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
95-47-6	Xylene, Ortho	1.0U	1.0	0.14

Surrogates:	*% Recovery*	*Control Limits*
Dibromofluoromethane	97	*88-116*
1,2-Dichloroethane-d4	106	*87-123*
Toluene-d8	95	*91-107*
4-Bromofluorobenzene	98	*84-106*

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-20D**	Sampled:	12/16/10 13:35
Lab Sample ID:	**1012332-06**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	5.0U	5.0	2.1
71-43-2	Benzene	1.0U	1.0	0.18
108-86-1	Bromobenzene	1.0U	1.0	0.19
74-97-5	Bromochloromethane	1.0U	1.0	0.18
75-27-4	Bromodichloromethane	1.0U	1.0	0.13
75-25-2	Bromoform	1.0U	1.0	0.15
74-83-9	Bromomethane	1.0U	1.0	0.18
104-51-8	n-Butylbenzene	1.0U	1.0	0.18
135-98-8	sec-Butylbenzene	1.0U	1.0	0.18
98-06-6	tert-Butylbenzene	1.0U	1.0	0.15
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.13
108-90-7	Chlorobenzene	1.0U	1.0	0.19
75-00-3	Chloroethane	1.0U	1.0	0.15
67-66-3	Chloroform	**0.79J**	1.0	0.17
74-87-3	Chloromethane	1.0U	1.0	0.16
95-49-8	2-Chlorotoluene	1.0U	1.0	0.16
106-43-4	4-Chlorotoluene	1.0U	1.0	0.12
96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.40
124-48-1	Dibromochloromethane	1.0U	1.0	0.14
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
74-95-3	Dibromomethane	1.0U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.13
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.12
75-71-8	Dichlorodifluoromethane	1.0U	1.0	0.21
75-34-3	1,1-Dichloroethane	**0.58J**	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.13
75-35-4	1,1-Dichloroethene	**14**	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0U	1.0	0.23
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.20
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.15

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-20D**	Sampled:	12/16/10 13:35
Lab Sample ID:	**1012332-06**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
142-28-9	1,3-Dichloropropane	1.0U	1.0	0.14
594-20-7	2,2-Dichloropropane	1.0U	1.0	0.18
563-58-6	1,1-Dichloropropene	1.0U	1.0	0.25
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.23
100-41-4	Ethylbenzene	1.0U	1.0	0.14
87-68-3	Hexachlorobutadiene	1.0U	1.0	0.28
98-82-8	Isopropylbenzene	1.0U	1.0	0.15
99-87-6	4-Isopropyltoluene	1.0U	1.0	0.29
1634-04-4	Methyl tert-Butyl Ether	1.0U	1.0	0.28
75-09-2	Methylene Chloride	1.0U	1.0	0.26
78-93-3	2-Butanone (MEK)	5.0U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	0.28
91-20-3	Naphthalene	5.0U	5.0	0.37
103-65-1	n-Propylbenzene	1.0U	1.0	0.15
100-42-5	Styrene	1.0U	1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.070
127-18-4	Tetrachloroethene	1.0U	1.0	0.16
108-88-3	Toluene	1.0U	1.0	0.16
87-61-6	1,2,3-Trichlorobenzene	1.0U	1.0	0.18
120-82-1	1,2,4-Trichlorobenzene	1.0U	1.0	0.16
71-55-6	1,1,1-Trichloroethane	1.0U	1.0	0.19
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.18
79-01-6	Trichloroethene	1.0U	1.0	0.092
75-69-4	Trichlorofluoromethane	1.0U	1.0	0.20
96-18-4	1,2,3-Trichloropropane	1.0U	1.0	0.28
95-63-6	1,2,4-Trimethylbenzene	1.0U	1.0	0.16
108-67-8	1,3,5-Trimethylbenzene	1.0U	1.0	0.18
75-01-4	Vinyl Chloride	1.0U	1.0	0.10
136777-61-2	Xylene, Meta + Para	2.0U	2.0	0.28

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-20D**	Sampled:	12/16/10 13:35
Lab Sample ID:	**1012332-06**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
95-47-6	Xylene, Ortho	1.0U	1.0	0.14

Surrogates:	*% Recovery*	*Control Limits*
Dibromofluoromethane	100	*88-116*
1,2-Dichloroethane-d4	106	*87-123*
Toluene-d8	95	*91-107*
4-Bromofluorobenzene	100	*84-106*

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-20S**	Sampled:	12/16/10 14:20
Lab Sample ID:	**1012332-07**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	5.0U	5.0	2.1
71-43-2	Benzene	1.0U	1.0	0.18
108-86-1	Bromobenzene	1.0U	1.0	0.19
74-97-5	Bromochloromethane	1.0U	1.0	0.18
75-27-4	Bromodichloromethane	1.0U	1.0	0.13
75-25-2	Bromoform	1.0U	1.0	0.15
74-83-9	Bromomethane	1.0U	1.0	0.18
104-51-8	n-Butylbenzene	1.0U	1.0	0.18
135-98-8	sec-Butylbenzene	1.0U	1.0	0.18
98-06-6	tert-Butylbenzene	1.0U	1.0	0.15
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.13
108-90-7	Chlorobenzene	1.0U	1.0	0.19
75-00-3	Chloroethane	1.0U	1.0	0.15
67-66-3	Chloroform	**0.48J**	1.0	0.17
74-87-3	Chloromethane	1.0U	1.0	0.16
95-49-8	2-Chlorotoluene	1.0U	1.0	0.16
106-43-4	4-Chlorotoluene	1.0U	1.0	0.12
96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.40
124-48-1	Dibromochloromethane	1.0U	1.0	0.14
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
74-95-3	Dibromomethane	1.0U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.13
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.12
75-71-8	Dichlorodifluoromethane	1.0U	1.0	0.21
75-34-3	1,1-Dichloroethane	1.0U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.13
75-35-4	1,1-Dichloroethene	**0.67J**	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0U	1.0	0.23
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.20
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.15

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-20S**	Sampled:	12/16/10 14:20
Lab Sample ID:	**1012332-07**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
142-28-9	1,3-Dichloropropane	1.0U	1.0	0.14
594-20-7	2,2-Dichloropropane	1.0U	1.0	0.18
563-58-6	1,1-Dichloropropene	1.0U	1.0	0.25
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.23
100-41-4	Ethylbenzene	1.0U	1.0	0.14
87-68-3	Hexachlorobutadiene	1.0U	1.0	0.28
98-82-8	Isopropylbenzene	1.0U	1.0	0.15
99-87-6	4-Isopropyltoluene	1.0U	1.0	0.29
1634-04-4	Methyl tert-Butyl Ether	1.0U	1.0	0.28
75-09-2	Methylene Chloride	1.0U	1.0	0.26
78-93-3	2-Butanone (MEK)	5.0U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	0.28
91-20-3	Naphthalene	5.0U	5.0	0.37
103-65-1	n-Propylbenzene	1.0U	1.0	0.15
100-42-5	Styrene	1.0U	1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.070
127-18-4	Tetrachloroethene	1.0U	1.0	0.16
108-88-3	Toluene	1.0U	1.0	0.16
87-61-6	1,2,3-Trichlorobenzene	1.0U	1.0	0.18
120-82-1	1,2,4-Trichlorobenzene	1.0U	1.0	0.16
71-55-6	1,1,1-Trichloroethane	1.0U	1.0	0.19
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.18
79-01-6	Trichloroethene	1.0U	1.0	0.092
75-69-4	Trichlorofluoromethane	1.0U	1.0	0.20
96-18-4	1,2,3-Trichloropropane	1.0U	1.0	0.28
95-63-6	1,2,4-Trimethylbenzene	1.0U	1.0	0.16
108-67-8	1,3,5-Trimethylbenzene	1.0U	1.0	0.18
75-01-4	Vinyl Chloride	1.0U	1.0	0.10
136777-61-2	Xylene, Meta + Para	2.0U	2.0	0.28

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-20S**	Sampled:	12/16/10 14:20
Lab Sample ID:	**1012332-07**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
95-47-6	Xylene, Ortho	1.0U	1.0	0.14

Surrogates:	*% Recovery*	*Control Limits*
Dibromofluoromethane	99	*88-116*
1,2-Dichloroethane-d4	106	*87-123*
Toluene-d8	96	*91-107*
4-Bromofluorobenzene	100	*84-106*

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-22S**	Sampled:	12/16/10 15:35
Lab Sample ID:	**1012332-08**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	5.0U	5.0	2.1
71-43-2	Benzene	1.0U	1.0	0.18
108-86-1	Bromobenzene	1.0U	1.0	0.19
74-97-5	Bromochloromethane	1.0U	1.0	0.18
75-27-4	Bromodichloromethane	1.0U	1.0	0.13
75-25-2	Bromoform	1.0U	1.0	0.15
74-83-9	Bromomethane	1.0U	1.0	0.18
104-51-8	n-Butylbenzene	1.0U	1.0	0.18
135-98-8	sec-Butylbenzene	1.0U	1.0	0.18
98-06-6	tert-Butylbenzene	1.0U	1.0	0.15
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.13
108-90-7	Chlorobenzene	1.0U	1.0	0.19
75-00-3	Chloroethane	1.0U	1.0	0.15
67-66-3	Chloroform	**0.61J**	1.0	0.17
74-87-3	Chloromethane	1.0U	1.0	0.16
95-49-8	2-Chlorotoluene	1.0U	1.0	0.16
106-43-4	4-Chlorotoluene	1.0U	1.0	0.12
96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.40
124-48-1	Dibromochloromethane	1.0U	1.0	0.14
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
74-95-3	Dibromomethane	1.0U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.13
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.12
75-71-8	Dichlorodifluoromethane	1.0U	1.0	0.21
75-34-3	1,1-Dichloroethane	**0.26J**	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.13
75-35-4	1,1-Dichloroethene	**1.5**	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0U	1.0	0.23
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.20
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.15

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-22S**	Sampled:	12/16/10 15:35
Lab Sample ID:	**1012332-08**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
142-28-9	1,3-Dichloropropane	1.0U	1.0	0.14
594-20-7	2,2-Dichloropropane	1.0U	1.0	0.18
563-58-6	1,1-Dichloropropene	1.0U	1.0	0.25
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.23
100-41-4	Ethylbenzene	1.0U	1.0	0.14
87-68-3	Hexachlorobutadiene	1.0U	1.0	0.28
98-82-8	Isopropylbenzene	1.0U	1.0	0.15
99-87-6	4-Isopropyltoluene	1.0U	1.0	0.29
1634-04-4	Methyl tert-Butyl Ether	1.0U	1.0	0.28
75-09-2	Methylene Chloride	1.0U	1.0	0.26
78-93-3	2-Butanone (MEK)	5.0U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	0.28
91-20-3	Naphthalene	5.0U	5.0	0.37
103-65-1	n-Propylbenzene	1.0U	1.0	0.15
100-42-5	Styrene	1.0U	1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.070
127-18-4	Tetrachloroethene	1.0U	1.0	0.16
108-88-3	Toluene	1.0U	1.0	0.16
87-61-6	1,2,3-Trichlorobenzene	1.0U	1.0	0.18
120-82-1	1,2,4-Trichlorobenzene	1.0U	1.0	0.16
71-55-6	1,1,1-Trichloroethane	1.0U	1.0	0.19
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.18
79-01-6	Trichloroethene	1.0U	1.0	0.092
75-69-4	Trichlorofluoromethane	1.0U	1.0	0.20
96-18-4	1,2,3-Trichloropropane	1.0U	1.0	0.28
95-63-6	1,2,4-Trimethylbenzene	1.0U	1.0	0.16
108-67-8	1,3,5-Trimethylbenzene	1.0U	1.0	0.18
75-01-4	Vinyl Chloride	1.0U	1.0	0.10
136777-61-2	Xylene, Meta + Para	2.0U	2.0	0.28

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-22S**	Sampled:	12/16/10 15:35
Lab Sample ID:	**1012332-08**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
95-47-6	Xylene, Ortho	1.0U	1.0	0.14

Surrogates:	*% Recovery*	*Control Limits*
Dibromofluoromethane	100	*88-116*
1,2-Dichloroethane-d4	104	*87-123*
Toluene-d8	95	*91-107*
4-Bromofluorobenzene	98	*84-106*

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-18S**	Sampled:	12/17/10 09:40
Lab Sample ID:	**1012332-09**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	5.0U	5.0	2.1
71-43-2	Benzene	1.0U	1.0	0.18
108-86-1	Bromobenzene	1.0U	1.0	0.19
74-97-5	Bromochloromethane	1.0U	1.0	0.18
75-27-4	Bromodichloromethane	1.0U	1.0	0.13
75-25-2	Bromoform	1.0U	1.0	0.15
74-83-9	Bromomethane	1.0U	1.0	0.18
104-51-8	n-Butylbenzene	1.0U	1.0	0.18
135-98-8	sec-Butylbenzene	1.0U	1.0	0.18
98-06-6	tert-Butylbenzene	1.0U	1.0	0.15
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.13
108-90-7	Chlorobenzene	1.0U	1.0	0.19
75-00-3	Chloroethane	1.0U	1.0	0.15
67-66-3	Chloroform	1.0U	1.0	0.17
74-87-3	Chloromethane	1.0U	1.0	0.16
95-49-8	2-Chlorotoluene	1.0U	1.0	0.16
106-43-4	4-Chlorotoluene	1.0U	1.0	0.12
96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.40
124-48-1	Dibromochloromethane	1.0U	1.0	0.14
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
74-95-3	Dibromomethane	1.0U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.13
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.12
75-71-8	Dichlorodifluoromethane	1.0U	1.0	0.21
75-34-3	1,1-Dichloroethane	1.0U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.13
75-35-4	1,1-Dichloroethene	**0.51J**	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0U	1.0	0.23
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.20
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.15

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-18S**	Sampled:	12/17/10 09:40
Lab Sample ID:	**1012332-09**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
142-28-9	1,3-Dichloropropane	1.0U	1.0	0.14
594-20-7	2,2-Dichloropropane	1.0U	1.0	0.18
563-58-6	1,1-Dichloropropene	1.0U	1.0	0.25
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.23
100-41-4	Ethylbenzene	1.0U	1.0	0.14
87-68-3	Hexachlorobutadiene	1.0U	1.0	0.28
98-82-8	Isopropylbenzene	1.0U	1.0	0.15
99-87-6	4-Isopropyltoluene	1.0U	1.0	0.29
1634-04-4	Methyl tert-Butyl Ether	1.0U	1.0	0.28
75-09-2	Methylene Chloride	1.0U	1.0	0.26
78-93-3	2-Butanone (MEK)	5.0U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	0.28
91-20-3	Naphthalene	5.0U	5.0	0.37
103-65-1	n-Propylbenzene	1.0U	1.0	0.15
100-42-5	Styrene	1.0U	1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.070
127-18-4	Tetrachloroethene	1.0U	1.0	0.16
108-88-3	Toluene	1.0U	1.0	0.16
87-61-6	1,2,3-Trichlorobenzene	1.0U	1.0	0.18
120-82-1	1,2,4-Trichlorobenzene	1.0U	1.0	0.16
71-55-6	1,1,1-Trichloroethane	1.0U	1.0	0.19
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.18
79-01-6	Trichloroethene	1.0U	1.0	0.092
75-69-4	Trichlorofluoromethane	1.0U	1.0	0.20
96-18-4	1,2,3-Trichloropropane	1.0U	1.0	0.28
95-63-6	1,2,4-Trimethylbenzene	1.0U	1.0	0.16
108-67-8	1,3,5-Trimethylbenzene	1.0U	1.0	0.18
75-01-4	Vinyl Chloride	1.0U	1.0	0.10
136777-61-2	Xylene, Meta + Para	2.0U	2.0	0.28

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-18S**	Sampled:	12/17/10 09:40
Lab Sample ID:	**1012332-09**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
95-47-6	Xylene, Ortho	1.0U	1.0	0.14

Surrogates:	*% Recovery*	*Control Limits*
Dibromofluoromethane	101	*88-116*
1,2-Dichloroethane-d4	105	*87-123*
Toluene-d8	96	*91-107*
4-Bromofluorobenzene	98	*84-106*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-18D**	Sampled:	12/17/10 10:20
Lab Sample ID:	**1012332-10**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	**2.5J**	5.0	2.1
71-43-2	Benzene	1.0U	1.0	0.18
108-86-1	Bromobenzene	1.0U	1.0	0.19
74-97-5	Bromochloromethane	1.0U	1.0	0.18
75-27-4	Bromodichloromethane	1.0U	1.0	0.13
75-25-2	Bromoform	1.0U	1.0	0.15
74-83-9	Bromomethane	1.0U	1.0	0.18
104-51-8	n-Butylbenzene	1.0U	1.0	0.18
135-98-8	sec-Butylbenzene	1.0U	1.0	0.18
98-06-6	tert-Butylbenzene	1.0U	1.0	0.15
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.13
108-90-7	Chlorobenzene	1.0U	1.0	0.19
75-00-3	Chloroethane	1.0U	1.0	0.15
67-66-3	Chloroform	**1.0**	1.0	0.17
74-87-3	Chloromethane	1.0U	1.0	0.16
95-49-8	2-Chlorotoluene	1.0U	1.0	0.16
106-43-4	4-Chlorotoluene	1.0U	1.0	0.12
96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.40
124-48-1	Dibromochloromethane	1.0U	1.0	0.14
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
74-95-3	Dibromomethane	1.0U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.13
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.12
75-71-8	Dichlorodifluoromethane	1.0U	1.0	0.21
75-34-3	1,1-Dichloroethane	**1.3**	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.13
75-35-4	1,1-Dichloroethene	**19**	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0U	1.0	0.23
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.20
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.15

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-18D**	Sampled:	12/17/10 10:20
Lab Sample ID:	**1012332-10**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
142-28-9	1,3-Dichloropropane	1.0U	1.0	0.14
594-20-7	2,2-Dichloropropane	1.0U	1.0	0.18
563-58-6	1,1-Dichloropropene	1.0U	1.0	0.25
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.23
100-41-4	Ethylbenzene	1.0U	1.0	0.14
87-68-3	Hexachlorobutadiene	1.0U	1.0	0.28
98-82-8	Isopropylbenzene	1.0U	1.0	0.15
99-87-6	4-Isopropyltoluene	1.0U	1.0	0.29
1634-04-4	Methyl tert-Butyl Ether	1.0U	1.0	0.28
75-09-2	Methylene Chloride	1.0U	1.0	0.26
78-93-3	2-Butanone (MEK)	5.0U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	0.28
91-20-3	Naphthalene	5.0U	5.0	0.37
103-65-1	n-Propylbenzene	1.0U	1.0	0.15
100-42-5	Styrene	1.0U	1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.070
127-18-4	Tetrachloroethene	1.0U	1.0	0.16
108-88-3	Toluene	1.0U	1.0	0.16
87-61-6	1,2,3-Trichlorobenzene	1.0U	1.0	0.18
120-82-1	1,2,4-Trichlorobenzene	1.0U	1.0	0.16
71-55-6	1,1,1-Trichloroethane	**0.34J**	1.0	0.19
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.18
79-01-6	Trichloroethene	1.0U	1.0	0.092
75-69-4	Trichlorofluoromethane	1.0U	1.0	0.20
96-18-4	1,2,3-Trichloropropane	1.0U	1.0	0.28
95-63-6	1,2,4-Trimethylbenzene	1.0U	1.0	0.16
108-67-8	1,3,5-Trimethylbenzene	1.0U	1.0	0.18
75-01-4	Vinyl Chloride	1.0U	1.0	0.10
136777-61-2	Xylene, Meta + Para	2.0U	2.0	0.28

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-18D**	Sampled:	12/17/10 10:20
Lab Sample ID:	**1012332-10**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
95-47-6	Xylene, Ortho	1.0U	1.0	0.14

Surrogates:	*% Recovery*	*Control Limits*
Dibromofluoromethane	100	*88-116*
1,2-Dichloroethane-d4	104	*87-123*
Toluene-d8	94	*91-107*
4-Bromofluorobenzene	99	*84-106*

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-18D (Duplicate 2)**	Sampled:	12/17/10 10:40
Lab Sample ID:	**1012332-11**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	5.0U	5.0	2.1
71-43-2	Benzene	1.0U	1.0	0.18
108-86-1	Bromobenzene	1.0U	1.0	0.19
74-97-5	Bromochloromethane	1.0U	1.0	0.18
75-27-4	Bromodichloromethane	1.0U	1.0	0.13
75-25-2	Bromoform	1.0U	1.0	0.15
74-83-9	Bromomethane	1.0U	1.0	0.18
104-51-8	n-Butylbenzene	1.0U	1.0	0.18
135-98-8	sec-Butylbenzene	1.0U	1.0	0.18
98-06-6	tert-Butylbenzene	1.0U	1.0	0.15
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.13
108-90-7	Chlorobenzene	1.0U	1.0	0.19
75-00-3	Chloroethane	1.0U	1.0	0.15
67-66-3	Chloroform	**1.0**	1.0	0.17
74-87-3	Chloromethane	1.0U	1.0	0.16
95-49-8	2-Chlorotoluene	1.0U	1.0	0.16
106-43-4	4-Chlorotoluene	1.0U	1.0	0.12
96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.40
124-48-1	Dibromochloromethane	1.0U	1.0	0.14
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
74-95-3	Dibromomethane	1.0U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.13
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.12
75-71-8	Dichlorodifluoromethane	1.0U	1.0	0.21
75-34-3	1,1-Dichloroethane	**1.3**	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.13
75-35-4	1,1-Dichloroethene	**20**	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0U	1.0	0.23
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.20
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.15

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-18D (Duplicate 2)**	Sampled:	12/17/10 10:40
Lab Sample ID:	**1012332-11**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
142-28-9	1,3-Dichloropropane	1.0U	1.0	0.14
594-20-7	2,2-Dichloropropane	1.0U	1.0	0.18
563-58-6	1,1-Dichloropropene	1.0U	1.0	0.25
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.23
100-41-4	Ethylbenzene	1.0U	1.0	0.14
87-68-3	Hexachlorobutadiene	1.0U	1.0	0.28
98-82-8	Isopropylbenzene	1.0U	1.0	0.15
99-87-6	4-Isopropyltoluene	1.0U	1.0	0.29
1634-04-4	Methyl tert-Butyl Ether	1.0U	1.0	0.28
75-09-2	Methylene Chloride	1.0U	1.0	0.26
78-93-3	2-Butanone (MEK)	5.0U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	0.28
91-20-3	Naphthalene	5.0U	5.0	0.37
103-65-1	n-Propylbenzene	1.0U	1.0	0.15
100-42-5	Styrene	1.0U	1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.070
127-18-4	Tetrachloroethene	1.0U	1.0	0.16
108-88-3	Toluene	1.0U	1.0	0.16
87-61-6	1,2,3-Trichlorobenzene	1.0U	1.0	0.18
120-82-1	1,2,4-Trichlorobenzene	1.0U	1.0	0.16
71-55-6	1,1,1-Trichloroethane	**0.31J**	1.0	0.19
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.18
79-01-6	Trichloroethene	1.0U	1.0	0.092
75-69-4	Trichlorofluoromethane	1.0U	1.0	0.20
96-18-4	1,2,3-Trichloropropane	1.0U	1.0	0.28
95-63-6	1,2,4-Trimethylbenzene	1.0U	1.0	0.16
108-67-8	1,3,5-Trimethylbenzene	1.0U	1.0	0.18
75-01-4	Vinyl Chloride	1.0U	1.0	0.10
136777-61-2	Xylene, Meta + Para	2.0U	2.0	0.28

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-18D (Duplicate 2)**	Sampled:	12/17/10 10:40
Lab Sample ID:	**1012332-11**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
95-47-6	Xylene, Ortho	1.0U	1.0	0.14

Surrogates:	*% Recovery*	*Control Limits*
Dibromofluoromethane	100	*88-116*
1,2-Dichloroethane-d4	106	*87-123*
Toluene-d8	95	*91-107*
4-Bromofluorobenzene	99	*84-106*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-17D**	Sampled:	12/17/10 11:25
Lab Sample ID:	**1012332-12**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	**3.5J**	5.0	2.1
71-43-2	Benzene	1.0U	1.0	0.18
108-86-1	Bromobenzene	1.0U	1.0	0.19
74-97-5	Bromochloromethane	1.0U	1.0	0.18
75-27-4	Bromodichloromethane	1.0U	1.0	0.13
75-25-2	Bromoform	1.0U	1.0	0.15
74-83-9	Bromomethane	1.0U	1.0	0.18
104-51-8	n-Butylbenzene	1.0U	1.0	0.18
135-98-8	sec-Butylbenzene	1.0U	1.0	0.18
98-06-6	tert-Butylbenzene	1.0U	1.0	0.15
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.13
108-90-7	Chlorobenzene	1.0U	1.0	0.19
75-00-3	Chloroethane	1.0U	1.0	0.15
67-66-3	Chloroform	1.0U	1.0	0.17
74-87-3	Chloromethane	1.0U	1.0	0.16
95-49-8	2-Chlorotoluene	1.0U	1.0	0.16
106-43-4	4-Chlorotoluene	1.0U	1.0	0.12
96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.40
124-48-1	Dibromochloromethane	1.0U	1.0	0.14
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
74-95-3	Dibromomethane	1.0U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.13
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.12
75-71-8	Dichlorodifluoromethane	1.0U	1.0	0.21
75-34-3	1,1-Dichloroethane	**1.9**	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.13
75-35-4	1,1-Dichloroethene	**64**	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0U	1.0	0.23
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.20
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.15

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-17D**	Sampled:	12/17/10 11:25
Lab Sample ID:	**1012332-12**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
142-28-9	1,3-Dichloropropane	1.0U	1.0	0.14
594-20-7	2,2-Dichloropropane	1.0U	1.0	0.18
563-58-6	1,1-Dichloropropene	1.0U	1.0	0.25
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.23
100-41-4	Ethylbenzene	1.0U	1.0	0.14
87-68-3	Hexachlorobutadiene	1.0U	1.0	0.28
98-82-8	Isopropylbenzene	1.0U	1.0	0.15
99-87-6	4-Isopropyltoluene	1.0U	1.0	0.29
1634-04-4	Methyl tert-Butyl Ether	1.0U	1.0	0.28
75-09-2	Methylene Chloride	1.0U	1.0	0.26
78-93-3	2-Butanone (MEK)	5.0U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	0.28
91-20-3	Naphthalene	5.0U	5.0	0.37
103-65-1	n-Propylbenzene	1.0U	1.0	0.15
100-42-5	Styrene	1.0U	1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.070
127-18-4	Tetrachloroethene	1.0U	1.0	0.16
108-88-3	Toluene	1.0U	1.0	0.16
87-61-6	1,2,3-Trichlorobenzene	1.0U	1.0	0.18
120-82-1	1,2,4-Trichlorobenzene	1.0U	1.0	0.16
71-55-6	1,1,1-Trichloroethane	1.0U	1.0	0.19
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.18
79-01-6	Trichloroethene	1.0U	1.0	0.092
75-69-4	Trichlorofluoromethane	1.0U	1.0	0.20
96-18-4	1,2,3-Trichloropropane	1.0U	1.0	0.28
95-63-6	1,2,4-Trimethylbenzene	1.0U	1.0	0.16
108-67-8	1,3,5-Trimethylbenzene	1.0U	1.0	0.18
75-01-4	Vinyl Chloride	1.0U	1.0	0.10
136777-61-2	Xylene, Meta + Para	2.0U	2.0	0.28

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-17D**	Sampled:	12/17/10 11:25
Lab Sample ID:	**1012332-12**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
95-47-6	Xylene, Ortho	1.0U	1.0	0.14

Surrogates:	*% Recovery*	*Control Limits*
Dibromofluoromethane	100	*88-116*
1,2-Dichloroethane-d4	106	*87-123*
Toluene-d8	95	*91-107*
4-Bromofluorobenzene	99	*84-106*

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-19D**	Sampled:	12/17/10 12:25
Lab Sample ID:	**1012332-13**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	5.0U	5.0	2.1
71-43-2	Benzene	1.0U	1.0	0.18
108-86-1	Bromobenzene	1.0U	1.0	0.19
74-97-5	Bromochloromethane	1.0U	1.0	0.18
75-27-4	Bromodichloromethane	1.0U	1.0	0.13
75-25-2	Bromoform	1.0U	1.0	0.15
74-83-9	Bromomethane	1.0U	1.0	0.18
104-51-8	n-Butylbenzene	1.0U	1.0	0.18
135-98-8	sec-Butylbenzene	1.0U	1.0	0.18
98-06-6	tert-Butylbenzene	1.0U	1.0	0.15
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.13
108-90-7	Chlorobenzene	1.0U	1.0	0.19
75-00-3	Chloroethane	1.0U	1.0	0.15
67-66-3	Chloroform	**1.6**	1.0	0.17
74-87-3	Chloromethane	1.0U	1.0	0.16
95-49-8	2-Chlorotoluene	1.0U	1.0	0.16
106-43-4	4-Chlorotoluene	1.0U	1.0	0.12
96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.40
124-48-1	Dibromochloromethane	1.0U	1.0	0.14
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
74-95-3	Dibromomethane	1.0U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.13
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.12
75-71-8	Dichlorodifluoromethane	1.0U	1.0	0.21
75-34-3	1,1-Dichloroethane	1.0U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.13
75-35-4	1,1-Dichloroethene	**1.2**	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0U	1.0	0.23
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.20
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.15

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-19D**	Sampled:	12/17/10 12:25
Lab Sample ID:	**1012332-13**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
142-28-9	1,3-Dichloropropane	1.0U	1.0	0.14
594-20-7	2,2-Dichloropropane	1.0U	1.0	0.18
563-58-6	1,1-Dichloropropene	1.0U	1.0	0.25
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.23
100-41-4	Ethylbenzene	1.0U	1.0	0.14
87-68-3	Hexachlorobutadiene	1.0U	1.0	0.28
98-82-8	Isopropylbenzene	1.0U	1.0	0.15
99-87-6	4-Isopropyltoluene	1.0U	1.0	0.29
1634-04-4	Methyl tert-Butyl Ether	1.0U	1.0	0.28
75-09-2	Methylene Chloride	1.0U	1.0	0.26
78-93-3	2-Butanone (MEK)	5.0U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	0.28
91-20-3	Naphthalene	5.0U	5.0	0.37
103-65-1	n-Propylbenzene	1.0U	1.0	0.15
100-42-5	Styrene	1.0U	1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.070
127-18-4	Tetrachloroethene	1.0U	1.0	0.16
108-88-3	Toluene	1.0U	1.0	0.16
87-61-6	1,2,3-Trichlorobenzene	1.0U	1.0	0.18
120-82-1	1,2,4-Trichlorobenzene	1.0U	1.0	0.16
71-55-6	1,1,1-Trichloroethane	1.0U	1.0	0.19
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.18
79-01-6	Trichloroethene	1.0U	1.0	0.092
75-69-4	Trichlorofluoromethane	1.0U	1.0	0.20
96-18-4	1,2,3-Trichloropropane	1.0U	1.0	0.28
95-63-6	1,2,4-Trimethylbenzene	1.0U	1.0	0.16
108-67-8	1,3,5-Trimethylbenzene	1.0U	1.0	0.18
75-01-4	Vinyl Chloride	1.0U	1.0	0.10
136777-61-2	Xylene, Meta + Para	2.0U	2.0	0.28

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-19D**	Sampled:	12/17/10 12:25
Lab Sample ID:	**1012332-13**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
95-47-6	Xylene, Ortho	1.0U	1.0	0.14

Surrogates:	*% Recovery*	*Control Limits*
Dibromofluoromethane	99	*88-116*
1,2-Dichloroethane-d4	106	*87-123*
Toluene-d8	96	*91-107*
4-Bromofluorobenzene	100	*84-106*

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-19S**	Sampled:	12/17/10 13:10
Lab Sample ID:	**1012332-14**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	5.0U	5.0	2.1
71-43-2	Benzene	1.0U	1.0	0.18
108-86-1	Bromobenzene	1.0U	1.0	0.19
74-97-5	Bromochloromethane	1.0U	1.0	0.18
75-27-4	Bromodichloromethane	1.0U	1.0	0.13
75-25-2	Bromoform	1.0U	1.0	0.15
74-83-9	Bromomethane	1.0U	1.0	0.18
104-51-8	n-Butylbenzene	1.0U	1.0	0.18
135-98-8	sec-Butylbenzene	1.0U	1.0	0.18
98-06-6	tert-Butylbenzene	1.0U	1.0	0.15
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.13
108-90-7	Chlorobenzene	1.0U	1.0	0.19
75-00-3	Chloroethane	1.0U	1.0	0.15
67-66-3	Chloroform	1.0U	1.0	0.17
74-87-3	Chloromethane	1.0U	1.0	0.16
95-49-8	2-Chlorotoluene	1.0U	1.0	0.16
106-43-4	4-Chlorotoluene	1.0U	1.0	0.12
96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.40
124-48-1	Dibromochloromethane	1.0U	1.0	0.14
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
74-95-3	Dibromomethane	1.0U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.13
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.12
75-71-8	Dichlorodifluoromethane	1.0U	1.0	0.21
75-34-3	1,1-Dichloroethane	1.0U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.13
75-35-4	1,1-Dichloroethene	1.0U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0U	1.0	0.23
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.20
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.15

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-19S**	Sampled:	12/17/10 13:10
Lab Sample ID:	**1012332-14**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
142-28-9	1,3-Dichloropropane	1.0U	1.0	0.14
594-20-7	2,2-Dichloropropane	1.0U	1.0	0.18
563-58-6	1,1-Dichloropropene	1.0U	1.0	0.25
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.23
100-41-4	Ethylbenzene	1.0U	1.0	0.14
87-68-3	Hexachlorobutadiene	1.0U	1.0	0.28
98-82-8	Isopropylbenzene	1.0U	1.0	0.15
99-87-6	4-Isopropyltoluene	1.0U	1.0	0.29
1634-04-4	Methyl tert-Butyl Ether	1.0U	1.0	0.28
75-09-2	Methylene Chloride	1.0U	1.0	0.26
78-93-3	2-Butanone (MEK)	5.0U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	0.28
91-20-3	Naphthalene	5.0U	5.0	0.37
103-65-1	n-Propylbenzene	1.0U	1.0	0.15
100-42-5	Styrene	1.0U	1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.070
127-18-4	Tetrachloroethene	1.0U	1.0	0.16
108-88-3	Toluene	1.0U	1.0	0.16
87-61-6	1,2,3-Trichlorobenzene	1.0U	1.0	0.18
120-82-1	1,2,4-Trichlorobenzene	1.0U	1.0	0.16
71-55-6	1,1,1-Trichloroethane	1.0U	1.0	0.19
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.18
79-01-6	Trichloroethene	1.0U	1.0	0.092
75-69-4	Trichlorofluoromethane	1.0U	1.0	0.20
96-18-4	1,2,3-Trichloropropane	1.0U	1.0	0.28
95-63-6	1,2,4-Trimethylbenzene	1.0U	1.0	0.16
108-67-8	1,3,5-Trimethylbenzene	1.0U	1.0	0.18
75-01-4	Vinyl Chloride	1.0U	1.0	0.10
136777-61-2	Xylene, Meta + Para	2.0U	2.0	0.28

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-19S**	Sampled:	12/17/10 13:10
Lab Sample ID:	**1012332-14**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
95-47-6	Xylene, Ortho	1.0U	1.0	0.14

Surrogates:	*% Recovery*	*Control Limits*
Dibromofluoromethane	100	*88-116*
1,2-Dichloroethane-d4	106	*87-123*
Toluene-d8	96	*91-107*
4-Bromofluorobenzene	100	*84-106*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-8D**	Sampled:	12/17/10 15:05
Lab Sample ID:	**1012332-15**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/29/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21014

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	**2.3J**	5.0	2.1
71-43-2	Benzene	1.0U	1.0	0.18
108-86-1	Bromobenzene	1.0U	1.0	0.19
74-97-5	Bromochloromethane	1.0U	1.0	0.18
75-27-4	Bromodichloromethane	1.0U	1.0	0.13
75-25-2	Bromoform	1.0U	1.0	0.15
74-83-9	Bromomethane	1.0U	1.0	0.18
104-51-8	n-Butylbenzene	1.0U	1.0	0.18
135-98-8	sec-Butylbenzene	1.0U	1.0	0.18
98-06-6	tert-Butylbenzene	1.0U	1.0	0.15
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.13
108-90-7	Chlorobenzene	1.0U	1.0	0.19
75-00-3	Chloroethane	1.0U	1.0	0.15
67-66-3	Chloroform	**0.45J**	1.0	0.17
74-87-3	Chloromethane	1.0U	1.0	0.16
95-49-8	2-Chlorotoluene	1.0U	1.0	0.16
106-43-4	4-Chlorotoluene	1.0U	1.0	0.12
96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.40
124-48-1	Dibromochloromethane	1.0U	1.0	0.14
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
74-95-3	Dibromomethane	1.0U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.13
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.12
75-71-8	Dichlorodifluoromethane	1.0U	1.0	0.21
75-34-3	1,1-Dichloroethane	**17**	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.13
*75-35-4	1,1-Dichloroethene	**290**	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0U	1.0	0.23
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.20
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.15

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-8D**	Sampled:	12/17/10 15:05
Lab Sample ID:	**1012332-15**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/29/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21014

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
142-28-9	1,3-Dichloropropane	1.0U	1.0	0.14
594-20-7	2,2-Dichloropropane	1.0U	1.0	0.18
563-58-6	1,1-Dichloropropene	1.0U	1.0	0.25
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.23
100-41-4	Ethylbenzene	1.0U	1.0	0.14
87-68-3	Hexachlorobutadiene	1.0U	1.0	0.28
98-82-8	Isopropylbenzene	1.0U	1.0	0.15
99-87-6	4-Isopropyltoluene	1.0U	1.0	0.29
1634-04-4	Methyl tert-Butyl Ether	1.0U	1.0	0.28
75-09-2	Methylene Chloride	1.0U	1.0	0.26
78-93-3	2-Butanone (MEK)	5.0U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	0.28
91-20-3	Naphthalene	5.0U	5.0	0.37
103-65-1	n-Propylbenzene	1.0U	1.0	0.15
100-42-5	Styrene	1.0U	1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.070
127-18-4	Tetrachloroethene	1.0U	1.0	0.16
108-88-3	Toluene	1.0U	1.0	0.16
87-61-6	1,2,3-Trichlorobenzene	1.0U	1.0	0.18
120-82-1	1,2,4-Trichlorobenzene	1.0U	1.0	0.16
71-55-6	1,1,1-Trichloroethane	**24**	1.0	0.19
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.18
79-01-6	Trichloroethene	1.0U	1.0	0.092
75-69-4	Trichlorofluoromethane	**1.1**	1.0	0.20
96-18-4	1,2,3-Trichloropropane	1.0U	1.0	0.28
95-63-6	1,2,4-Trimethylbenzene	1.0U	1.0	0.16
108-67-8	1,3,5-Trimethylbenzene	1.0U	1.0	0.18
75-01-4	Vinyl Chloride	1.0U	1.0	0.10
136777-61-2	Xylene, Meta + Para	2.0U	2.0	0.28

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-8D**	Sampled:	12/17/10 15:05
Lab Sample ID:	**1012332-15**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/29/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21014

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
95-47-6	Xylene, Ortho	1.0U	1.0	0.14

Surrogates:	***% Recovery***	***Control Limits***
Dibromofluoromethane	100	*88-116*
1,2-Dichloroethane-d4	104	*87-123*
Toluene-d8	95	*91-107*
4-Bromofluorobenzene	100	*84-106*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-8D**	Sampled:	12/17/10 15:05
Lab Sample ID:	**1012332-15RE1**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/29/10 By: DLV
Dilution Factor:	2	Analyzed:	12/29/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21015

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	**6.7J**	10	4.2
71-43-2	Benzene	2.0U	2.0	0.35
108-86-1	Bromobenzene	2.0U	2.0	0.39
74-97-5	Bromochloromethane	2.0U	2.0	0.35
75-27-4	Bromodichloromethane	2.0U	2.0	0.27
75-25-2	Bromoform	2.0U	2.0	0.30
74-83-9	Bromomethane	2.0U	2.0	0.35
104-51-8	n-Butylbenzene	2.0U	2.0	0.36
135-98-8	sec-Butylbenzene	2.0U	2.0	0.35
98-06-6	tert-Butylbenzene	2.0U	2.0	0.31
56-23-5	Carbon Tetrachloride	2.0U	2.0	0.26
108-90-7	Chlorobenzene	2.0U	2.0	0.38
75-00-3	Chloroethane	2.0U	2.0	0.30
67-66-3	Chloroform	**0.58J**	2.0	0.34
74-87-3	Chloromethane	2.0U	2.0	0.32
95-49-8	2-Chlorotoluene	2.0U	2.0	0.33
106-43-4	4-Chlorotoluene	2.0U	2.0	0.24
96-12-8	1,2-Dibromo-3-chloropropane	2.0U	2.0	0.79
124-48-1	Dibromochloromethane	2.0U	2.0	0.28
106-93-4	1,2-Dibromoethane	2.0U	2.0	0.43
74-95-3	Dibromomethane	2.0U	2.0	0.45
95-50-1	1,2-Dichlorobenzene	2.0U	2.0	0.25
541-73-1	1,3-Dichlorobenzene	2.0U	2.0	0.25
106-46-7	1,4-Dichlorobenzene	2.0U	2.0	0.24
*75-71-8	Dichlorodifluoromethane	2.0U	2.0	0.42
75-34-3	1,1-Dichloroethane	**17**	2.0	0.26
107-06-2	1,2-Dichloroethane	2.0U	2.0	0.25
75-35-4	1,1-Dichloroethene	**270**	2.0	0.26
156-59-2	cis-1,2-Dichloroethene	2.0U	2.0	0.47
156-60-5	trans-1,2-Dichloroethene	2.0U	2.0	0.40
78-87-5	1,2-Dichloropropane	2.0U	2.0	0.29

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-8D**	Sampled:	12/17/10 15:05
Lab Sample ID:	**1012332-15RE1**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/29/10 By: DLV
Dilution Factor:	2	Analyzed:	12/29/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21015

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
142-28-9	1,3-Dichloropropane	2.0U	2.0	0.28
594-20-7	2,2-Dichloropropane	2.0U	2.0	0.35
563-58-6	1,1-Dichloropropene	2.0U	2.0	0.49
10061-01-5	cis-1,3-Dichloropropene	2.0U	2.0	0.51
10061-02-6	trans-1,3-Dichloropropene	2.0U	2.0	0.47
100-41-4	Ethylbenzene	2.0U	2.0	0.29
87-68-3	Hexachlorobutadiene	2.0U	2.0	0.56
98-82-8	Isopropylbenzene	2.0U	2.0	0.30
99-87-6	4-Isopropyltoluene	2.0U	2.0	0.58
1634-04-4	Methyl tert-Butyl Ether	2.0U	2.0	0.56
75-09-2	Methylene Chloride	2.0U	2.0	0.53
78-93-3	2-Butanone (MEK)	10U	10	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	10U	10	0.55
91-20-3	Naphthalene	10U	10	0.74
103-65-1	n-Propylbenzene	2.0U	2.0	0.30
100-42-5	Styrene	2.0U	2.0	0.23
630-20-6	1,1,1,2-Tetrachloroethane	2.0U	2.0	0.31
79-34-5	1,1,2,2-Tetrachloroethane	2.0U	2.0	0.14
127-18-4	Tetrachloroethene	2.0U	2.0	0.31
108-88-3	Toluene	2.0U	2.0	0.32
87-61-6	1,2,3-Trichlorobenzene	2.0U	2.0	0.36
120-82-1	1,2,4-Trichlorobenzene	2.0U	2.0	0.33
71-55-6	1,1,1-Trichloroethane	**22**	2.0	0.39
79-00-5	1,1,2-Trichloroethane	2.0U	2.0	0.37
79-01-6	Trichloroethene	2.0U	2.0	0.18
75-69-4	Trichlorofluoromethane	**1.1J**	2.0	0.39
96-18-4	1,2,3-Trichloropropane	2.0U	2.0	0.55
95-63-6	1,2,4-Trimethylbenzene	2.0U	2.0	0.33
108-67-8	1,3,5-Trimethylbenzene	2.0U	2.0	0.36
75-01-4	Vinyl Chloride	2.0U	2.0	0.20
136777-61-2	Xylene, Meta + Para	4.0U	4.0	0.56

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-8D**	Sampled:	12/17/10 15:05
Lab Sample ID:	**1012332-15RE1**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/29/10 By: DLV
Dilution Factor:	2	Analyzed:	12/29/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21015

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
95-47-6	Xylene, Ortho	2.0U	2.0	0.28

Surrogates:	*% Recovery*	*Control Limits*
Dibromofluoromethane	99	*88-116*
1,2-Dichloroethane-d4	106	*87-123*
Toluene-d8	96	*91-107*
4-Bromofluorobenzene	100	*84-106*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-8D (Duplicate 1)**	Sampled:	12/17/10 15:25
Lab Sample ID:	**1012332-16**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/29/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21014

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	5.0U	5.0	2.1
71-43-2	Benzene	1.0U	1.0	0.18
108-86-1	Bromobenzene	1.0U	1.0	0.19
74-97-5	Bromochloromethane	1.0U	1.0	0.18
75-27-4	Bromodichloromethane	1.0U	1.0	0.13
75-25-2	Bromoform	1.0U	1.0	0.15
74-83-9	Bromomethane	1.0U	1.0	0.18
104-51-8	n-Butylbenzene	1.0U	1.0	0.18
135-98-8	sec-Butylbenzene	1.0U	1.0	0.18
98-06-6	tert-Butylbenzene	1.0U	1.0	0.15
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.13
108-90-7	Chlorobenzene	1.0U	1.0	0.19
75-00-3	Chloroethane	1.0U	1.0	0.15
67-66-3	Chloroform	**0.44J**	1.0	0.17
74-87-3	Chloromethane	1.0U	1.0	0.16
95-49-8	2-Chlorotoluene	1.0U	1.0	0.16
106-43-4	4-Chlorotoluene	1.0U	1.0	0.12
96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.40
124-48-1	Dibromochloromethane	1.0U	1.0	0.14
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
74-95-3	Dibromomethane	1.0U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.13
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.12
75-71-8	Dichlorodifluoromethane	1.0U	1.0	0.21
75-34-3	1,1-Dichloroethane	**17**	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.13
*75-35-4	1,1-Dichloroethene	**280**	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0U	1.0	0.23
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.20
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.15

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-8D (Duplicate 1)**	Sampled:	12/17/10 15:25
Lab Sample ID:	**1012332-16**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/29/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21014

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
142-28-9	1,3-Dichloropropane	1.0U	1.0	0.14
594-20-7	2,2-Dichloropropane	1.0U	1.0	0.18
563-58-6	1,1-Dichloropropene	1.0U	1.0	0.25
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.23
100-41-4	Ethylbenzene	1.0U	1.0	0.14
87-68-3	Hexachlorobutadiene	1.0U	1.0	0.28
98-82-8	Isopropylbenzene	1.0U	1.0	0.15
99-87-6	4-Isopropyltoluene	1.0U	1.0	0.29
1634-04-4	Methyl tert-Butyl Ether	1.0U	1.0	0.28
75-09-2	Methylene Chloride	1.0U	1.0	0.26
78-93-3	2-Butanone (MEK)	5.0U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	0.28
91-20-3	Naphthalene	5.0U	5.0	0.37
103-65-1	n-Propylbenzene	1.0U	1.0	0.15
100-42-5	Styrene	1.0U	1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.070
127-18-4	Tetrachloroethene	1.0U	1.0	0.16
108-88-3	Toluene	1.0U	1.0	0.16
87-61-6	1,2,3-Trichlorobenzene	1.0U	1.0	0.18
120-82-1	1,2,4-Trichlorobenzene	1.0U	1.0	0.16
71-55-6	1,1,1-Trichloroethane	**23**	1.0	0.19
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.18
79-01-6	Trichloroethene	1.0U	1.0	0.092
75-69-4	Trichlorofluoromethane	**1.0**	1.0	0.20
96-18-4	1,2,3-Trichloropropane	1.0U	1.0	0.28
95-63-6	1,2,4-Trimethylbenzene	1.0U	1.0	0.16
108-67-8	1,3,5-Trimethylbenzene	1.0U	1.0	0.18
75-01-4	Vinyl Chloride	1.0U	1.0	0.10
136777-61-2	Xylene, Meta + Para	2.0U	2.0	0.28

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-8D (Duplicate 1)**	Sampled:	12/17/10 15:25
Lab Sample ID:	**1012332-16**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/29/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21014

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
95-47-6	Xylene, Ortho	1.0U	1.0	0.14

Surrogates:	*% Recovery*	*Control Limits*
Dibromofluoromethane	98	*88-116*
1,2-Dichloroethane-d4	106	*87-123*
Toluene-d8	93	*91-107*
4-Bromofluorobenzene	99	*84-106*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-8D (Duplicate 1)**	Sampled:	12/17/10 15:25
Lab Sample ID:	**1012332-16RE1**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/29/10 By: DLV
Dilution Factor:	2	Analyzed:	12/29/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21015

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	**6.7J**	10	4.2
71-43-2	Benzene	2.0U	2.0	0.35
108-86-1	Bromobenzene	2.0U	2.0	0.39
74-97-5	Bromochloromethane	2.0U	2.0	0.35
75-27-4	Bromodichloromethane	2.0U	2.0	0.27
75-25-2	Bromoform	2.0U	2.0	0.30
74-83-9	Bromomethane	2.0U	2.0	0.35
104-51-8	n-Butylbenzene	2.0U	2.0	0.36
135-98-8	sec-Butylbenzene	2.0U	2.0	0.35
98-06-6	tert-Butylbenzene	2.0U	2.0	0.31
56-23-5	Carbon Tetrachloride	2.0U	2.0	0.26
108-90-7	Chlorobenzene	2.0U	2.0	0.38
75-00-3	Chloroethane	2.0U	2.0	0.30
67-66-3	Chloroform	**0.52J**	2.0	0.34
74-87-3	Chloromethane	2.0U	2.0	0.32
95-49-8	2-Chlorotoluene	2.0U	2.0	0.33
106-43-4	4-Chlorotoluene	2.0U	2.0	0.24
96-12-8	1,2-Dibromo-3-chloropropane	2.0U	2.0	0.79
124-48-1	Dibromochloromethane	2.0U	2.0	0.28
106-93-4	1,2-Dibromoethane	2.0U	2.0	0.43
74-95-3	Dibromomethane	2.0U	2.0	0.45
95-50-1	1,2-Dichlorobenzene	2.0U	2.0	0.25
541-73-1	1,3-Dichlorobenzene	2.0U	2.0	0.25
106-46-7	1,4-Dichlorobenzene	2.0U	2.0	0.24
*75-71-8	Dichlorodifluoromethane	2.0U	2.0	0.42
75-34-3	1,1-Dichloroethane	**16**	2.0	0.26
107-06-2	1,2-Dichloroethane	2.0U	2.0	0.25
75-35-4	1,1-Dichloroethene	**260**	2.0	0.26
156-59-2	cis-1,2-Dichloroethene	2.0U	2.0	0.47
156-60-5	trans-1,2-Dichloroethene	2.0U	2.0	0.40
78-87-5	1,2-Dichloropropane	2.0U	2.0	0.29

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-8D (Duplicate 1)**	Sampled:	12/17/10 15:25
Lab Sample ID:	**1012332-16RE1**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/29/10 By: DLV
Dilution Factor:	2	Analyzed:	12/29/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21015

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
142-28-9	1,3-Dichloropropane	2.0U	2.0	0.28
594-20-7	2,2-Dichloropropane	2.0U	2.0	0.35
563-58-6	1,1-Dichloropropene	2.0U	2.0	0.49
10061-01-5	cis-1,3-Dichloropropene	2.0U	2.0	0.51
10061-02-6	trans-1,3-Dichloropropene	2.0U	2.0	0.47
100-41-4	Ethylbenzene	2.0U	2.0	0.29
87-68-3	Hexachlorobutadiene	2.0U	2.0	0.56
98-82-8	Isopropylbenzene	2.0U	2.0	0.30
99-87-6	4-Isopropyltoluene	2.0U	2.0	0.58
1634-04-4	Methyl tert-Butyl Ether	2.0U	2.0	0.56
75-09-2	Methylene Chloride	2.0U	2.0	0.53
78-93-3	2-Butanone (MEK)	10U	10	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	10U	10	0.55
91-20-3	Naphthalene	10U	10	0.74
103-65-1	n-Propylbenzene	2.0U	2.0	0.30
100-42-5	Styrene	2.0U	2.0	0.23
630-20-6	1,1,1,2-Tetrachloroethane	2.0U	2.0	0.31
79-34-5	1,1,2,2-Tetrachloroethane	2.0U	2.0	0.14
127-18-4	Tetrachloroethene	2.0U	2.0	0.31
108-88-3	Toluene	2.0U	2.0	0.32
87-61-6	1,2,3-Trichlorobenzene	2.0U	2.0	0.36
120-82-1	1,2,4-Trichlorobenzene	2.0U	2.0	0.33
71-55-6	1,1,1-Trichloroethane	**22**	2.0	0.39
79-00-5	1,1,2-Trichloroethane	2.0U	2.0	0.37
79-01-6	Trichloroethene	2.0U	2.0	0.18
75-69-4	Trichlorofluoromethane	**1.1J**	2.0	0.39
96-18-4	1,2,3-Trichloropropane	2.0U	2.0	0.55
95-63-6	1,2,4-Trimethylbenzene	2.0U	2.0	0.33
108-67-8	1,3,5-Trimethylbenzene	2.0U	2.0	0.36
75-01-4	Vinyl Chloride	2.0U	2.0	0.20
136777-61-2	Xylene, Meta + Para	4.0U	4.0	0.56

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-8D (Duplicate 1)**	Sampled:	12/17/10 15:25
Lab Sample ID:	**1012332-16RE1**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/29/10 By: DLV
Dilution Factor:	2	Analyzed:	12/29/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21015

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
95-47-6	Xylene, Ortho	2.0U	2.0	0.28

Surrogates:	*% Recovery*	*Control Limits*
Dibromofluoromethane	100	*88-116*
1,2-Dichloroethane-d4	105	*87-123*
Toluene-d8	96	*91-107*
4-Bromofluorobenzene	100	*84-106*

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-7**	Sampled:	12/20/10 08:35
Lab Sample ID:	**1012332-17**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	5.0U	5.0	2.1
71-43-2	Benzene	1.0U	1.0	0.18
108-86-1	Bromobenzene	1.0U	1.0	0.19
74-97-5	Bromochloromethane	1.0U	1.0	0.18
75-27-4	Bromodichloromethane	1.0U	1.0	0.13
75-25-2	Bromoform	1.0U	1.0	0.15
74-83-9	Bromomethane	1.0U	1.0	0.18
104-51-8	n-Butylbenzene	1.0U	1.0	0.18
135-98-8	sec-Butylbenzene	1.0U	1.0	0.18
98-06-6	tert-Butylbenzene	1.0U	1.0	0.15
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.13
108-90-7	Chlorobenzene	1.0U	1.0	0.19
75-00-3	Chloroethane	1.0U	1.0	0.15
67-66-3	Chloroform	**0.21J**	1.0	0.17
74-87-3	Chloromethane	1.0U	1.0	0.16
95-49-8	2-Chlorotoluene	1.0U	1.0	0.16
106-43-4	4-Chlorotoluene	1.0U	1.0	0.12
96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.40
124-48-1	Dibromochloromethane	1.0U	1.0	0.14
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
74-95-3	Dibromomethane	1.0U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.13
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.12
75-71-8	Dichlorodifluoromethane	1.0U	1.0	0.21
75-34-3	1,1-Dichloroethane	**0.32J**	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.13
75-35-4	1,1-Dichloroethene	**1.0**	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0U	1.0	0.23
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.20
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.15

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-7**	Sampled:	12/20/10 08:35
Lab Sample ID:	**1012332-17**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
142-28-9	1,3-Dichloropropane	1.0U	1.0	0.14
594-20-7	2,2-Dichloropropane	1.0U	1.0	0.18
563-58-6	1,1-Dichloropropene	1.0U	1.0	0.25
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.23
100-41-4	Ethylbenzene	1.0U	1.0	0.14
87-68-3	Hexachlorobutadiene	1.0U	1.0	0.28
98-82-8	Isopropylbenzene	1.0U	1.0	0.15
99-87-6	4-Isopropyltoluene	1.0U	1.0	0.29
1634-04-4	Methyl tert-Butyl Ether	1.0U	1.0	0.28
75-09-2	Methylene Chloride	1.0U	1.0	0.26
78-93-3	2-Butanone (MEK)	5.0U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	0.28
91-20-3	Naphthalene	5.0U	5.0	0.37
103-65-1	n-Propylbenzene	1.0U	1.0	0.15
100-42-5	Styrene	1.0U	1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.070
127-18-4	Tetrachloroethene	1.0U	1.0	0.16
108-88-3	Toluene	1.0U	1.0	0.16
87-61-6	1,2,3-Trichlorobenzene	1.0U	1.0	0.18
120-82-1	1,2,4-Trichlorobenzene	1.0U	1.0	0.16
71-55-6	1,1,1-Trichloroethane	1.0U	1.0	0.19
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.18
79-01-6	Trichloroethene	1.0U	1.0	0.092
75-69-4	Trichlorofluoromethane	1.0U	1.0	0.20
96-18-4	1,2,3-Trichloropropane	1.0U	1.0	0.28
95-63-6	1,2,4-Trimethylbenzene	1.0U	1.0	0.16
108-67-8	1,3,5-Trimethylbenzene	1.0U	1.0	0.18
75-01-4	Vinyl Chloride	1.0U	1.0	0.10
136777-61-2	Xylene, Meta + Para	2.0U	2.0	0.28

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-7**	Sampled:	12/20/10 08:35
Lab Sample ID:	**1012332-17**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21012

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
95-47-6	Xylene, Ortho	1.0U	1.0	0.14

Surrogates:	*% Recovery*	*Control Limits*
Dibromofluoromethane	100	*88-116*
1,2-Dichloroethane-d4	105	*87-123*
Toluene-d8	95	*91-107*
4-Bromofluorobenzene	98	*84-106*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-10A**	Sampled:	12/20/10 09:35
Lab Sample ID:	**1012332-18**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/29/10 By: DLV
Dilution Factor:	2	Analyzed:	12/29/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21015

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	**13**	10	4.2
71-43-2	Benzene	2.0U	2.0	0.35
108-86-1	Bromobenzene	2.0U	2.0	0.39
74-97-5	Bromochloromethane	2.0U	2.0	0.35
75-27-4	Bromodichloromethane	2.0U	2.0	0.27
75-25-2	Bromoform	2.0U	2.0	0.30
74-83-9	Bromomethane	2.0U	2.0	0.35
104-51-8	n-Butylbenzene	2.0U	2.0	0.36
135-98-8	sec-Butylbenzene	2.0U	2.0	0.35
98-06-6	tert-Butylbenzene	2.0U	2.0	0.31
56-23-5	Carbon Tetrachloride	2.0U	2.0	0.26
108-90-7	Chlorobenzene	2.0U	2.0	0.38
75-00-3	Chloroethane	2.0U	2.0	0.30
67-66-3	Chloroform	**0.42J**	2.0	0.34
74-87-3	Chloromethane	2.0U	2.0	0.32
95-49-8	2-Chlorotoluene	2.0U	2.0	0.33
106-43-4	4-Chlorotoluene	2.0U	2.0	0.24
96-12-8	1,2-Dibromo-3-chloropropane	2.0U	2.0	0.79
124-48-1	Dibromochloromethane	2.0U	2.0	0.28
106-93-4	1,2-Dibromoethane	2.0U	2.0	0.43
74-95-3	Dibromomethane	2.0U	2.0	0.45
95-50-1	1,2-Dichlorobenzene	2.0U	2.0	0.25
541-73-1	1,3-Dichlorobenzene	2.0U	2.0	0.25
106-46-7	1,4-Dichlorobenzene	2.0U	2.0	0.24
*75-71-8	Dichlorodifluoromethane	2.0U	2.0	0.42
75-34-3	1,1-Dichloroethane	**7.6**	2.0	0.26
107-06-2	1,2-Dichloroethane	**1.3J**	2.0	0.25
75-35-4	1,1-Dichloroethene	**200**	2.0	0.26
156-59-2	cis-1,2-Dichloroethene	2.0U	2.0	0.47
156-60-5	trans-1,2-Dichloroethene	2.0U	2.0	0.40
78-87-5	1,2-Dichloropropane	2.0U	2.0	0.29

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-10A**	Sampled:	12/20/10 09:35
Lab Sample ID:	**1012332-18**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/29/10 By: DLV
Dilution Factor:	2	Analyzed:	12/29/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21015

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
142-28-9	1,3-Dichloropropane	2.0U	2.0	0.28
594-20-7	2,2-Dichloropropane	2.0U	2.0	0.35
563-58-6	1,1-Dichloropropene	2.0U	2.0	0.49
10061-01-5	cis-1,3-Dichloropropene	2.0U	2.0	0.51
10061-02-6	trans-1,3-Dichloropropene	2.0U	2.0	0.47
100-41-4	Ethylbenzene	2.0U	2.0	0.29
87-68-3	Hexachlorobutadiene	2.0U	2.0	0.56
98-82-8	Isopropylbenzene	2.0U	2.0	0.30
99-87-6	4-Isopropyltoluene	2.0U	2.0	0.58
1634-04-4	Methyl tert-Butyl Ether	2.0U	2.0	0.56
75-09-2	Methylene Chloride	**0.80J**	2.0	0.53
78-93-3	2-Butanone (MEK)	**5.9J**	10	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	10U	10	0.55
91-20-3	Naphthalene	10U	10	0.74
103-65-1	n-Propylbenzene	2.0U	2.0	0.30
100-42-5	Styrene	2.0U	2.0	0.23
630-20-6	1,1,1,2-Tetrachloroethane	2.0U	2.0	0.31
79-34-5	1,1,2,2-Tetrachloroethane	2.0U	2.0	0.14
127-18-4	Tetrachloroethene	2.0U	2.0	0.31
108-88-3	Toluene	2.0U	2.0	0.32
87-61-6	1,2,3-Trichlorobenzene	2.0U	2.0	0.36
120-82-1	1,2,4-Trichlorobenzene	2.0U	2.0	0.33
71-55-6	1,1,1-Trichloroethane	2.0U	2.0	0.39
79-00-5	1,1,2-Trichloroethane	2.0U	2.0	0.37
79-01-6	Trichloroethene	2.0U	2.0	0.18
75-69-4	Trichlorofluoromethane	**0.64J**	2.0	0.39
96-18-4	1,2,3-Trichloropropane	2.0U	2.0	0.55
95-63-6	1,2,4-Trimethylbenzene	2.0U	2.0	0.33
108-67-8	1,3,5-Trimethylbenzene	2.0U	2.0	0.36
75-01-4	Vinyl Chloride	2.0U	2.0	0.20
136777-61-2	Xylene, Meta + Para	4.0U	4.0	0.56

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**P-10A**	Sampled:	12/20/10 09:35
Lab Sample ID:	**1012332-18**	Sampled By:	Carlos Ramos
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/29/10 By: DLV
Dilution Factor:	2	Analyzed:	12/29/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21015

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
95-47-6	Xylene, Ortho	2.0U	2.0	0.28

Surrogates:	*% Recovery*	*Control Limits*
Dibromofluoromethane	99	*88-116*
1,2-Dichloroethane-d4	108	*87-123*
Toluene-d8	95	*91-107*
4-Bromofluorobenzene	98	*84-106*

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TRIMATRIX LABORATORIES

ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**Trip Blank TM2606**	Sampled:	12/20/10 00:00
Lab Sample ID:	**1012332-19**	Sampled By:	TML
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21014

Volatile Organic Compounds by EPA Method 8260B

CAS Number	Analyte	Analytical Result	RL	MDL
67-64-1	Acetone	**4.0J**	5.0	2.1
71-43-2	Benzene	1.0U	1.0	0.18
108-86-1	Bromobenzene	1.0U	1.0	0.19
74-97-5	Bromochloromethane	1.0U	1.0	0.18
75-27-4	Bromodichloromethane	1.0U	1.0	0.13
75-25-2	Bromoform	1.0U	1.0	0.15
74-83-9	Bromomethane	1.0U	1.0	0.18
104-51-8	n-Butylbenzene	1.0U	1.0	0.18
135-98-8	sec-Butylbenzene	1.0U	1.0	0.18
98-06-6	tert-Butylbenzene	1.0U	1.0	0.15
56-23-5	Carbon Tetrachloride	1.0U	1.0	0.13
108-90-7	Chlorobenzene	1.0U	1.0	0.19
75-00-3	Chloroethane	1.0U	1.0	0.15
67-66-3	Chloroform	1.0U	1.0	0.17
74-87-3	Chloromethane	1.0U	1.0	0.16
95-49-8	2-Chlorotoluene	1.0U	1.0	0.16
106-43-4	4-Chlorotoluene	1.0U	1.0	0.12
96-12-8	1,2-Dibromo-3-chloropropane	1.0U	1.0	0.40
124-48-1	Dibromochloromethane	1.0U	1.0	0.14
106-93-4	1,2-Dibromoethane	1.0U	1.0	0.22
74-95-3	Dibromomethane	1.0U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0U	1.0	0.12
541-73-1	1,3-Dichlorobenzene	1.0U	1.0	0.13
106-46-7	1,4-Dichlorobenzene	1.0U	1.0	0.12
75-71-8	Dichlorodifluoromethane	1.0U	1.0	0.21
75-34-3	1,1-Dichloroethane	1.0U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0U	1.0	0.13
75-35-4	1,1-Dichloroethene	1.0U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0U	1.0	0.23
156-60-5	trans-1,2-Dichloroethene	1.0U	1.0	0.20
78-87-5	1,2-Dichloropropane	1.0U	1.0	0.15

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**Trip Blank TM2606**	Sampled:	12/20/10 00:00
Lab Sample ID:	**1012332-19**	Sampled By:	TML
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21014

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
142-28-9	1,3-Dichloropropane	1.0U	1.0	0.14
594-20-7	2,2-Dichloropropane	1.0U	1.0	0.18
563-58-6	1,1-Dichloropropene	1.0U	1.0	0.25
10061-01-5	cis-1,3-Dichloropropene	1.0U	1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	1.0U	1.0	0.23
100-41-4	Ethylbenzene	1.0U	1.0	0.14
87-68-3	Hexachlorobutadiene	1.0U	1.0	0.28
98-82-8	Isopropylbenzene	1.0U	1.0	0.15
99-87-6	4-Isopropyltoluene	1.0U	1.0	0.29
1634-04-4	Methyl tert-Butyl Ether	1.0U	1.0	0.28
75-09-2	Methylene Chloride	1.0U	1.0	0.26
78-93-3	2-Butanone (MEK)	5.0U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0U	5.0	0.28
91-20-3	Naphthalene	5.0U	5.0	0.37
103-65-1	n-Propylbenzene	1.0U	1.0	0.15
100-42-5	Styrene	1.0U	1.0	0.11
630-20-6	1,1,1,2-Tetrachloroethane	1.0U	1.0	0.16
79-34-5	1,1,2,2-Tetrachloroethane	1.0U	1.0	0.070
127-18-4	Tetrachloroethene	1.0U	1.0	0.16
108-88-3	Toluene	1.0U	1.0	0.16
87-61-6	1,2,3-Trichlorobenzene	1.0U	1.0	0.18
120-82-1	1,2,4-Trichlorobenzene	1.0U	1.0	0.16
71-55-6	1,1,1-Trichloroethane	1.0U	1.0	0.19
79-00-5	1,1,2-Trichloroethane	1.0U	1.0	0.18
79-01-6	Trichloroethene	1.0U	1.0	0.092
75-69-4	Trichlorofluoromethane	1.0U	1.0	0.20
96-18-4	1,2,3-Trichloropropane	1.0U	1.0	0.28
95-63-6	1,2,4-Trimethylbenzene	1.0U	1.0	0.16
108-67-8	1,3,5-Trimethylbenzene	1.0U	1.0	0.18
75-01-4	Vinyl Chloride	1.0U	1.0	0.10
136777-61-2	Xylene, Meta + Para	2.0U	2.0	0.28

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ANALYTICAL REPORT

Client:	**MWH Americas - Farmington Hills, MI**	Work Order:	**1012332**
Project:	GE - Patillas, Puerto Rico	Description:	Laboratory Services
Client Sample ID:	**Trip Blank TM2606**	Sampled:	12/20/10 00:00
Lab Sample ID:	**1012332-19**	Sampled By:	TML
Matrix:	Water	Received:	12/21/10 11:00
Unit:	ug/L	Prepared:	12/28/10 By: DLV
Dilution Factor:	1	Analyzed:	12/28/10 By: DLV
QC Batch:	1100572	Analytical Batch:	1A21014

Volatile Organic Compounds by EPA Method 8260B (Continued)

CAS Number	Analyte	Analytical Result	RL	MDL
95-47-6	Xylene, Ortho	1.0U	1.0	0.14

Surrogates:	*% Recovery*	*Control Limits*
Dibromofluoromethane	99	*88-116*
1,2-Dichloroethane-d4	106	*87-123*
Toluene-d8	93	*91-107*
4-Bromofluorobenzene	100	*84-106*

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B

QC Batch: 1100572 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank Analyzed: 12/28/2010 By: DLV

Unit: ug/L Analytical Batch: 1A21012

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
Acetone			5.0 U			--		5.0	2.1
Benzene			1.0 U					1.0	0.18
Bromobenzene			1.0 U					1.0	0.19
Bromochloromethane			1.0 U					1.0	0.18
Bromodichloromethane			1.0 U					1.0	0.13
Bromoform			1.0 U					1.0	0.15
Bromomethane			1.0 U					1.0	0.18
n-Butylbenzene			1.0 U					1.0	0.18
sec-Butylbenzene			1.0 U					1.0	0.18
tert-Butylbenzene			1.0 U					1.0	0.15
Carbon Tetrachloride			1.0 U					1.0	0.13
Chlorobenzene			1.0 U					1.0	0.19
Chloroethane			1.0 U					1.0	0.15
Chloroform			1.0 U					1.0	0.17
Chloromethane			1.0 U					1.0	0.16
2-Chlorotoluene			1.0 U					1.0	0.16
4-Chlorotoluene			1.0 U					1.0	0.12
1,2-Dibromo-3-chloropropane			1.0 U					1.0	0.40
Dibromochloromethane			1.0 U					1.0	0.14
1,2-Dibromoethane			1.0 U					1.0	0.22
Dibromomethane			1.0 U					1.0	0.23
1,2-Dichlorobenzene			1.0 U					1.0	0.12
1,3-Dichlorobenzene			1.0 U					1.0	0.13
1,4-Dichlorobenzene			1.0 U					1.0	0.12
Dichlorodifluoromethane			1.0 U					1.0	0.21
1,1-Dichloroethane			1.0 U					1.0	0.13
1,2-Dichloroethane			1.0 U					1.0	0.13
1,1-Dichloroethene			1.0 U					1.0	0.13
cis-1,2-Dichloroethene			1.0 U					1.0	0.23
trans-1,2-Dichloroethene			1.0 U					1.0	0.20
1,2-Dichloropropane			1.0 U					1.0	0.15
1,3-Dichloropropane			1.0 U					1.0	0.14
2,2-Dichloropropane			1.0 U					1.0	0.18
1,1-Dichloropropene			1.0 U					1.0	0.25
cis-1,3-Dichloropropene			1.0 U					1.0	0.25
trans-1,3-Dichloropropene			1.0 U					1.0	0.23

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 1100572 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B									
Method Blank (Continued)					Analyzed:	12/28/2010	By: DLV		
Unit: ug/L					Analytical Batch:	1A21012			
Ethylbenzene			1.0 U					1.0	0.14
Hexachlorobutadiene			1.0 U					1.0	0.28
Isopropylbenzene			1.0 U					1.0	0.15
4-Isopropyltoluene			1.0 U					1.0	0.29
Methyl tert-Butyl Ether			1.0 U					1.0	0.28
Methylene Chloride			1.0 U					1.0	0.26
2-Butanone (MEK)			5.0 U					5.0	0.55
4-Methyl-2-pentanone (MIBK)			5.0 U					5.0	0.28
Naphthalene			5.0 U			--		5.0	0.37
n-Propylbenzene			1.0 U					1.0	0.15
Styrene			1.0 U					1.0	0.11
1,1,1,2-Tetrachloroethane			1.0 U					1.0	0.16
1,1,2,2-Tetrachloroethane			1.0 U					1.0	0.070
Tetrachloroethene			1.0 U					1.0	0.16
Toluene			1.0 U					1.0	0.16
1,2,3-Trichlorobenzene			1.0 U					1.0	0.18
1,2,4-Trichlorobenzene			1.0 U					1.0	0.16
1,1,1-Trichloroethane			1.0 U					1.0	0.19
1,1,2-Trichloroethane			1.0 U					1.0	0.18
Trichloroethene			1.0 U					1.0	0.092
Trichlorofluoromethane			1.0 U					1.0	0.20
1,2,3-Trichloropropane			1.0 U					1.0	0.28
1,2,4-Trimethylbenzene			1.0 U					1.0	0.16
1,3,5-Trimethylbenzene			1.0 U					1.0	0.18
Vinyl Chloride			1.0 U					1.0	0.10
Xylene, Meta + Para			2.0 U					2.0	0.28
Xylene, Ortho			1.0 U					1.0	0.14
Surrogates:									
Dibromofluoromethane				*98*	*88-116*				
1,2-Dichloroethane-d4				*103*	*87-123*				
Toluene-d8				*96*	*91-107*				
4-Bromofluorobenzene				*100*	*84-106*				
Method Blank					Analyzed:	12/28/2010	By: DLV		
Unit: ug/L					Analytical Batch:	1A21014			
Acetone			5.0 U			--		5.0	2.1

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL

QC Batch: 1100572 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) Analyzed: 12/28/2010 By: DLV

Unit: ug/L Analytical Batch: 1A21014

Benzene			1.0 U					1.0	0.18
Bromobenzene			1.0 U					1.0	0.19
Bromochloromethane			1.0 U					1.0	0.18
Bromodichloromethane			1.0 U					1.0	0.13
Bromoform			1.0 U					1.0	0.15
Bromomethane			1.0 U					1.0	0.18
n-Butylbenzene			1.0 U					1.0	0.18
sec-Butylbenzene			1.0 U					1.0	0.18
tert-Butylbenzene			1.0 U					1.0	0.15
Carbon Tetrachloride			1.0 U					1.0	0.13
Chlorobenzene			1.0 U					1.0	0.19
Chloroethane			1.0 U					1.0	0.15
Chloroform			1.0 U					1.0	0.17
Chloromethane			1.0 U					1.0	0.16
2-Chlorotoluene			1.0 U					1.0	0.16
4-Chlorotoluene			1.0 U					1.0	0.12
1,2-Dibromo-3-chloropropane			1.0 U					1.0	0.40
Dibromochloromethane			1.0 U					1.0	0.14
1,2-Dibromoethane			1.0 U					1.0	0.22
Dibromomethane			1.0 U					1.0	0.23
1,2-Dichlorobenzene			1.0 U					1.0	0.12
1,3-Dichlorobenzene			1.0 U					1.0	0.13
1,4-Dichlorobenzene			1.0 U					1.0	0.12
Dichlorodifluoromethane			1.0 U					1.0	0.21
1,1-Dichloroethane			1.0 U					1.0	0.13
1,2-Dichloroethane			1.0 U					1.0	0.13
1,1-Dichloroethene			1.0 U					1.0	0.13
cis-1,2-Dichloroethene			1.0 U					1.0	0.23
trans-1,2-Dichloroethene			1.0 U					1.0	0.20
1,2-Dichloropropane			1.0 U					1.0	0.15
1,3-Dichloropropane			1.0 U					1.0	0.14
2,2-Dichloropropane			1.0 U					1.0	0.18
1,1-Dichloropropene			1.0 U					1.0	0.25
cis-1,3-Dichloropropene			1.0 U					1.0	0.25
trans-1,3-Dichloropropene			1.0 U					1.0	0.23
Ethylbenzene			1.0 U					1.0	0.14

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL

QC Batch: 1100572 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) Analyzed: 12/28/2010 By: DLV

Unit: ug/L Analytical Batch: 1A21014

Hexachlorobutadiene			1.0 U				1.0	0.28
Isopropylbenzene			1.0 U				1.0	0.15
4-Isopropyltoluene			1.0 U				1.0	0.29
Methyl tert-Butyl Ether			1.0 U				1.0	0.28
Methylene Chloride			1.0 U				1.0	0.26
2-Butanone (MEK)			5.0 U				5.0	0.55
4-Methyl-2-pentanone (MIBK)			5.0 U				5.0	0.28
Naphthalene			5.0 U				5.0	0.37
n-Propylbenzene			1.0 U				1.0	0.15
Styrene			1.0 U				1.0	0.11
1,1,1,2-Tetrachloroethane			1.0 U				1.0	0.16
1,1,2,2-Tetrachloroethane			1.0 U				1.0	0.070
Tetrachloroethene			1.0 U				1.0	0.16
Toluene			1.0 U				1.0	0.16
1,2,3-Trichlorobenzene			1.0 U				1.0	0.18
1,2,4-Trichlorobenzene			1.0 U				1.0	0.16
1,1,1-Trichloroethane			1.0 U				1.0	0.19
1,1,2-Trichloroethane			1.0 U				1.0	0.18
Trichloroethene			1.0 U				1.0	0.092
Trichlorofluoromethane			1.0 U				1.0	0.20
1,2,3-Trichloropropane			1.0 U				1.0	0.28
1,2,4-Trimethylbenzene			1.0 U				1.0	0.16
1,3,5-Trimethylbenzene			1.0 U				1.0	0.18
Vinyl Chloride			1.0 U				1.0	0.10
Xylene, Meta + Para			2.0 U				2.0	0.28
Xylene, Ortho			1.0 U				1.0	0.14
Surrogates:								
Dibromofluoromethane				*100*	*88-116*			
1,2-Dichloroethane-d4				*107*	*87-123*			
Toluene-d8				*95*	*91-107*			
4-Bromofluorobenzene				*101*	*84-106*			

Method Blank Analyzed: 12/29/2010 By: DLV

Unit: ug/L Analytical Batch: 1A21015

Acetone			5.0 U			--	5.0	2.1
Benzene			1.0 U				1.0	0.18

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL

QC Batch: 1100572 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B

Method Blank (Continued) Analyzed: 12/29/2010 By: DLV

Unit: ug/L Analytical Batch: 1A21015

Bromobenzene		1.0 U				1.0	0.19
Bromochloromethane		1.0 U				1.0	0.18
Bromodichloromethane		1.0 U				1.0	0.13
Bromoform		1.0 U				1.0	0.15
Bromomethane		1.0 U				1.0	0.18
n-Butylbenzene		1.0 U				1.0	0.18
sec-Butylbenzene		1.0 U				1.0	0.18
tert-Butylbenzene		1.0 U				1.0	0.15
Carbon Tetrachloride		1.0 U				1.0	0.13
Chlorobenzene		1.0 U				1.0	0.19
Chloroethane		1.0 U				1.0	0.15
Chloroform		1.0 U				1.0	0.17
Chloromethane		1.0 U				1.0	0.16
2-Chlorotoluene		1.0 U				1.0	0.16
4-Chlorotoluene		1.0 U				1.0	0.12
1,2-Dibromo-3-chloropropane		1.0 U				1.0	0.40
Dibromochloromethane		1.0 U				1.0	0.14
1,2-Dibromoethane		1.0 U				1.0	0.22
Dibromomethane		1.0 U				1.0	0.23
1,2-Dichlorobenzene		1.0 U				1.0	0.12
1,3-Dichlorobenzene		**0.20 J**			--	1.0	0.13
1,4-Dichlorobenzene		**0.19 J**			--	1.0	0.12
Dichlorodifluoromethane		1.0 U				1.0	0.21
1,1-Dichloroethane		1.0 U				1.0	0.13
1,2-Dichloroethane		1.0 U				1.0	0.13
1,1-Dichloroethene		1.0 U				1.0	0.13
cis-1,2-Dichloroethene		1.0 U				1.0	0.23
trans-1,2-Dichloroethene		1.0 U				1.0	0.20
1,2-Dichloropropane		1.0 U				1.0	0.15
1,3-Dichloropropane		1.0 U				1.0	0.14
2,2-Dichloropropane		1.0 U				1.0	0.18
1,1-Dichloropropene		1.0 U				1.0	0.25
cis-1,3-Dichloropropene		1.0 U				1.0	0.25
trans-1,3-Dichloropropene		1.0 U				1.0	0.23
Ethylbenzene		1.0 U				1.0	0.14
Hexachlorobutadiene		1.0 U				1.0	0.28

Continued on next page

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 1100572 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B									
Method Blank (Continued)					Analyzed:	12/29/2010	By: DLV		
Unit: ug/L					Analytical Batch:	1A21015			
Isopropylbenzene			1.0 U					1.0	0.15
4-Isopropyltoluene			1.0 U					1.0	0.29
Methyl tert-Butyl Ether			1.0 U					1.0	0.28
Methylene Chloride			1.0 U					1.0	0.26
2-Butanone (MEK)			5.0 U					5.0	0.55
4-Methyl-2-pentanone (MIBK)			5.0 U					5.0	0.28
Naphthalene			5.0 U			--		5.0	0.37
n-Propylbenzene			1.0 U					1.0	0.15
Styrene			1.0 U					1.0	0.11
1,1,1,2-Tetrachloroethane			1.0 U					1.0	0.16
1,1,2,2-Tetrachloroethane			1.0 U					1.0	0.070
Tetrachloroethene			1.0 U					1.0	0.16
Toluene			1.0 U					1.0	0.16
1,2,3-Trichlorobenzene			1.0 U					1.0	0.18
1,2,4-Trichlorobenzene			1.0 U					1.0	0.16
1,1,1-Trichloroethane			1.0 U					1.0	0.19
1,1,2-Trichloroethane			1.0 U					1.0	0.18
Trichloroethene			1.0 U					1.0	0.092
Trichlorofluoromethane			1.0 U					1.0	0.20
1,2,3-Trichloropropane			1.0 U					1.0	0.28
1,2,4-Trimethylbenzene			1.0 U					1.0	0.16
1,3,5-Trimethylbenzene			1.0 U					1.0	0.18
Vinyl Chloride			1.0 U					1.0	0.10
Xylene, Meta + Para			2.0 U					2.0	0.28
Xylene, Ortho			1.0 U					1.0	0.14
Surrogates:									
Dibromofluoromethane				*99*	*88-116*				
1,2-Dichloroethane-d4				*106*	*87-123*				
Toluene-d8				*95*	*91-107*				
4-Bromofluorobenzene				*98*	*84-106*				
Laboratory Control Sample					Analyzed:	12/28/2010	By: DLV		
Unit: ug/L					Analytical Batch:	1A21012			
Benzene	40.0		**37.6**	94	84-119	--	20	1.0	0.18
Chlorobenzene	40.0		**39.6**	99	84-118	--	20	1.0	0.19
1,1-Dichloroethene	40.0		**37.2**	93	77-123	--	20	1.0	0.13

Continued on next page

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 1100572 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B									
Laboratory Control Sample (Continued)					Analyzed:		12/28/2010	By: DLV	
Unit: ug/L					Analytical Batch:		1A21012		
Toluene		40.0	**38.4**	96	85-118	--	20	1.0	0.16
Trichloroethene		40.0	**37.6**	94	82-119	--	20	1.0	0.092
Surrogates:									
Dibromofluoromethane				*99*	*88-116*				
1,2-Dichloroethane-d4				*103*	*87-123*				
Toluene-d8				*97*	*91-107*				
4-Bromofluorobenzene				*99*	*84-106*				
Laboratory Control Sample					Analyzed:		12/28/2010	By: DLV	
Unit: ug/L					Analytical Batch:		1A21014		
Benzene		40.0	**39.4**	98	84-119	--	20	1.0	0.18
Chlorobenzene		40.0	**41.2**	103	84-118	--	20	1.0	0.19
1,1-Dichloroethene		40.0	**39.1**	98	77-123	--	20	1.0	0.13
Toluene		40.0	**40.1**	100	85-118	--	20	1.0	0.16
Trichloroethene		40.0	**40.3**	101	82-119	--	20	1.0	0.092
Surrogates:									
Dibromofluoromethane				*101*	*88-116*				
1,2-Dichloroethane-d4				*107*	*87-123*				
Toluene-d8				*100*	*91-107*				
4-Bromofluorobenzene				*102*	*84-106*				
Laboratory Control Sample					Analyzed:		12/29/2010	By: DLV	
Unit: ug/L					Analytical Batch:		1A21015		
Benzene		40.0	**42.4**	106	84-119	--	20	1.0	0.18
Chlorobenzene		40.0	**43.8**	109	84-118	--	20	1.0	0.19
1,1-Dichloroethene		40.0	**41.8**	105	77-123	--	20	1.0	0.13
Toluene		40.0	**42.4**	106	85-118	--	20	1.0	0.16
Trichloroethene		40.0	**42.8**	107	82-119	--	20	1.0	0.092
Surrogates:									
Dibromofluoromethane				*99*	*88-116*				
1,2-Dichloroethane-d4				*105*	*87-123*				
Toluene-d8				*99*	*91-107*				
4-Bromofluorobenzene				*99*	*84-106*				
Matrix Spike 1012332-10 P-18D					Analyzed:		12/29/2010	By: DLV	
Unit: ug/L					Analytical Batch:		1A21014		
Benzene	1.0 U	40.0	**39.9**	100	80-129	--	9	1.0	0.18

Continued on next page

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QUALITY CONTROL REPORT

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 1100572 (Continued) 5030B Aqueous Purge & Trap/USEPA-8260B									
Matrix Spike (Continued) 1012332-10 P-18D					Analyzed:	12/29/2010	By: DLV		
Unit: ug/L					Analytical Batch:	1A21014			
Chlorobenzene	1.0 U	40.0	**41.5**	104	80-121	--	8	1.0	0.19
1,1-Dichloroethene	19.1	40.0	**59.0**	100	74-134	--	11	1.0	0.13
Toluene	1.0 U	40.0	**40.5**	101	79-129	--	9	1.0	0.16
Trichloroethene	1.0 U	40.0	**40.5**	101	75-127	--	10	1.0	0.092
Surrogates:									
Dibromofluoromethane				*100*	*88-116*				
1,2-Dichloroethane-d4				*104*	*87-123*				
Toluene-d8				*97*	*91-107*				
4-Bromofluorobenzene				*103*	*84-106*				
Matrix Spike Duplicate 1012332-10 P-18D					Analyzed:	12/29/2010	By: DLV		
Unit: ug/L					Analytical Batch:	1A21014			
Benzene	1.0 U	40.0	**41.3**	103	80-129	3	9	1.0	0.18
Chlorobenzene	1.0 U	40.0	**43.1**	108	80-121	4	8	1.0	0.19
1,1-Dichloroethene	19.1	40.0	**61.9**	107	74-134	5	11	1.0	0.13
Toluene	1.0 U	40.0	**41.5**	104	79-129	2	9	1.0	0.16
Trichloroethene	1.0 U	40.0	**41.5**	104	75-127	2	10	1.0	0.092
Surrogates:									
Dibromofluoromethane				*101*	*88-116*				
1,2-Dichloroethane-d4				*104*	*87-123*				
Toluene-d8				*96*	*91-107*				
4-Bromofluorobenzene				*100*	*84-106*				

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TRIMATRIX LABORATORIES

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Chain of Custody Record

COC No. 136254

Pg. 1 of 2

For Lab Use Only
Cart: —
VOA Rack/Tray: 589, 358249G
Receipt Log No.: 25.17
Project Chemist:
Work Order No.: 1012332

Client Name: MWH Americas, Inc.
Address: 35055 W 12 Mile Rd Suite 140
City, State Zip: Farmington Hills, Michigan 48331
Phone/Fax: 248-522-8310 / 248 522 8344
Email: Bradly.R.Toth@us.MWHglobal.com

Project Name: GE, Patillas, P.R
Client Project No. / P.O. No.:
Invoice To: ☑ Client ☐ Other (comments)
Contact/Report To: Bradly R. Toth

Analyses Requested

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Schedule	Matrix Code	Sample Number		Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	VOC's: Number of Containers Submitted	Total	Sample Comments
13		01	1	P-16S	#1	12/15/10	3:20P		✓		1	1	
		02	2	P-7A	#1	12/16/10	8:35A		✓		1	1	
		03	3	P-15DD	#1	12/16/10	9:35A		✓		1	1	
		04	4	P-21S	#1	12/16/10	10:40A		✓		1	1	
		05	5	P-21D	#1	12/16/10	11:35A		✓		1	1	
		06	6	P-20D	#1	12/16/10	1:35P		✓		1	1	
		07	7	P-20S	#1	12/16/10	2:20P		✓		1	1	
		08	8	P-22S	#1	12/16/10	3:35P		✓		1	1	
		09	9	P-18S	#1	12/17/10	9:40A		✓		1	1	
		10	10	P-18D	#1	12/17/10	10:20A		✓		1	1	

Sampled By (print): CARLOS J. Ramos
Sampler's Signature: Carlos J Ramos
Company: Pedro Pazarde & Assoc (PPA)

How Shipped? Hand ___ Carrier Fedex
Tracking No.:

Comments: Only one (1) Container type for all the Samples

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
Carlos J Ramos	12/20/10	11:20AM						
1. Received By	**Date**	**Time**	**2. Received By**	**Date**	**Time**	**3. Received For Lab By**	**Date**	**Time**
						[illegible]	12/21/10	1100

WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

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Chain of Custody Record

COC No. 136255

Pg. 2 of 2

For Lab Use Only
Cart:
VOA Rack/Tray:
Receipt Log No. 25.17
Project Chemist: CW
Work Order No. 1012332

Client Name: MWH Americas, INC
Address: 35055 W 12 Mile Rd Suite 140
City, State Zip: Farmington Hills, Michigan 48331
Phone/Fax: 248-522-8310 / 248-522-8344
Email: Bradly.R.Toth@us.mwhglobal.com

Project Name: GE, Patillas, P.R
Client Project No. / P.O. No.:
Invoice To: ☑ Client ☐ Other (comments)
Contact/Report To: Bradly R. Toth

Analyses Requested: VOC's

Container Type (corresponds to Container Packing List)

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

	Schedule	Matrix Code	Sample Number	Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	Number of Containers Submitted	Total	Sample Comments
1	FD 13		11	P-18D (Duplicate #2)	#1	12/17/10	10:40A		✓		1	1	
2			12	P-17D	#1	12/17/10	11:25A		✓		1	1	
3			13	P-19D	#1	12/17/10	12:25P		✓		1	1	
4			14	P-19S	#1	12/17/10	1:10P		✓		1	1	
5			15	P-8D	#1	12/17/10	3:05P		✓		1	1	
6	FD		16	P-8D (Duplicate #1)	#1	12/17/10	3:25P		✓		1	1	
7			17	P-7	#1	12/20/10	8:35A		✓		1	1	
8			18	P-10A	#1	12/20/10	9:35A		✓		1	1	
9	04		19	Trip Blank	#1	12/09/10	—		-		1	1	
10													

Sampled By (print): Carlos J. Ramos
Sampler's Signature: Carlos J Ramos Rey
Company: Pedro Ponzoda & Assoc (PPA)

How Shipped? Hand ___ Carrier Fedex
Tracking No.

1. Relinquished By: Carlos J Ramos Rey — Date 12/20/10 — Time 11:20A
1. Received By — Date — Time
2. Relinquished By — Date — Time
2. Received By — Date — Time
3. Relinquished By — Date — Time
3. Received For Lab By — Date 12/21/10 — Time 1100

Comments: Only one (1) container type for all the Samples.

WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

SAMPLE RECEIVING / LOG-IN CHECKLIST

TRIMATRIX LABORATORIES

Client: MWH		Work Order #: 1012332	New / Add To
Receipt Record Page/Line #: 25.17		Project Chemist	Sample #s

Recorded by (initials/date)		Qty Received	Thermometer Used	
WC 12/21/10	☑ Cooler	1	☑ IR Gun (#202)	☐ See Additional Cooler Information Form
	☐ Box		☐ Digital Thermometer (#54)	
	☐ Other ___		☐ Other (#___)	

Cooler #: Tm 26010 **Time:** 1050

Custody Seals:
- ☐ None
- ☑ Present / Intact
- ☐ Present / Not Intact

Coolant Location:
Dispersed / Top / Middle / Bottom

Coolant/Temperature Taken Via:
- ☑ Loose Ice / Avg 2-3 containers
- ☐ Bagged Ice / Avg 2-3 containers
- ☐ Blue Ice / Avg 2-3 containers
- ☐ None / Avg 2-3 containers

Alternate Temperature Taken Via:
- ☐ Temperature Blank (TB)
- ☐ 1 Container

	Recorded °C	Correction Factor °C	Actual °C
Temp Blank:			
TB location: Representative / Not Representative			
1	2.1	–	2.1
2	2.4	–	2.4
3	2.0	–	2.0
		Average °C	2.2

- ☑ Cooler ID on COC?
- ☑ VOC Trip Blank received?

(Cooler columns 2, 3 and 4: Cooler # / Time, Custody Seals: ☐ None ☐ Present / Intact ☐ Present / Not Intact; Coolant Location: Dispersed / Top / Middle / Bottom; Coolant/Temperature Taken Via: ☐ Loose Ice / Avg 2-3 containers ☐ Bagged Ice / Avg 2-3 containers ☐ Blue Ice / Avg 2-3 containers ☐ None / Avg 2-3 containers; Alternate Temperature Taken Via: ☐ Temperature Blank (TB) ☐ 1 Container; Recorded °C / Correction Factor °C / Actual °C; Temp Blank; TB location: Representative / Not Representative; 1, 2, 3; Average °C; ☐ Cooler ID on COC? ☐ VOC Trip Blank received? — not filled in)

If any shaded areas checked, complete Sample Receiving Non-Conformance Form

Paperwork Received

☐ No COC Received

N/A	Yes	No	
	☑	☐	Chain of Custody record(s)?
	☐		If No, COC Initiated By ___
	☑		Rec'd for Lab Signed/Date/Time?
☐	☑		Shipping document?
☑	☐		Other ___

COC ID #s
- ☑ TriMatrix
- ☐ Other (Name or ID#) ___

Check COC for Accuracy

☐ No analysis requested

Yes	No	
☑	☐	Sample ID matches COC?
☑	☐	Sample Date and Time matches COC?
☑		Container type completed on COC?
☑	☐	All container types indicated are received?

Sample Condition Summary

☐ Non-TriMatrix containers, see Notes

N/A	Yes	No	
	☐	☑	Broken containers/lids?
	☐	☑	Missing or incomplete labels?
	☐	☑	Illegible information on labels?
	☐	☑	Low volume received?
	☐	☑	Inappropriate containers received?
☐	☐	☑	VOC vials / TOX containers have headspace?
☐	☐	☑	Extra sample locations / containers not listed on COC?

Check Sample Preservation

N/A	Yes	No	
	☑	☐	Average sample temperature ≤6° C?
☑	☐		Completed Sample Preservation Verification Form?
☑	☐	☐	Samples preserved correctly?
☑	☐		If "No", added orange tag?
☑	☐		Received pre-preserved VOC soils?

☐ MeOH ☐ Na_2SO_4

Check for Short Hold-Time Prep/Analyses

- ☐ Bacteriological
- ☐ Air Bags
- ☐ EnCores / Methanol Pre-Preserved
- ☐ Formaldehyde/Aldehyde
- ☐ Green-tagged containers
- ☐ Yellow/White-tagged 1L ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
- ☐ NONE RECEIVED
- ☐ RECEIVED, COCs TO LAB(S)

Notes

- ☑ Trip Blank received ☐ Trip Blank not listed on COC
- ☐ No COC received, Proj. Chemist reviewed (Init/Date) ___
- ☐ No analysis requested, Proj. Chemist completed (Init/Date) ___

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
12/21/10 1100	12/21/10 1058	Yes / No (No circled)

TRIMATRIX LABORATORIES

DATA VALIDATION PACKAGE

Prepared for:

MWH Americas - Farmington Hills, MI
35055 W. Twelve Mile Rd.; Suite 140
Farmington Hills, MI 48331

Project:

GE - Patillas, Puerto Rico

Sample Delivery Group (SDG):

1012332

Date:

February 07, 2011

Prepared by:

TriMatrix Laboratories, Inc.
5560 Corporate Exchange Court SE
Grand Rapids, MI 49512-5503

TRIMATRIX LABORATORIES

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MWH Americas - Farmington Hills, MI
GE - Patillas, Puerto Rico

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TRIMATRIX LABORATORIES

SDG CASE NARRATIVE

MWH Americas - Farmington Hills, MI
GE - Patillas, Puerto Rico

SDG Executive Summary

This case narrative applies to samples received on December 21, 2010. All samples were scheduled for analysis in accordance with parameters outlined on the field chain of custody record, the TriMatrix bid form, and/or oral and written correspondence between MWH Americas - Farmington Hills, MI and TriMatrix Laboratories, Inc.

Each sample receipt event was assigned a unique TriMatrix work order number. Sample receipt documentation is included in section A of this data package.

Project Technical Issues/Problems

Project-related data qualification designations and reporting conventions are included in Attachment 1 - *Project Technical Narrative.*

QA/QC Data Qualifications/Narrations

Quality assurance issues and/or quality control data qualifications and narrations related to the analysis and reporting of this SDG are presented in Attachment 2 - *Statement of Data Qualifications.* The absence of a statement page for a particular analyte group (*e.g.* Percent Solids) implies that no qualifying statements were generated for that analyte.

Data Review and Approval

All data was peer-reviewed by a second analyst, and then by appropriate data management staff against laboratory quality control requirements and project specifications. It was then reviewed and approved by the group supervisor/manager prior to further review by the project chemist.

Data Deliverables

The data deliverables, both hardcopy and/or electronic (EDD), that comprise this data package are intended to comply with the documents referenced in the introductory section of this narrative. The EDD, if requested, will be issued separately from this hardcopy report. Hold time reports for each test procedure are presented following the CLP-like forms section of this report.

This report relates only to the sample(s) as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC). Estimates of analytical uncertainties for the test results contained within the report are available upon request.

Gary L. Wood, Project Chemist

2/7/11
Date

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TRIMATRIX LABORATORIES

SDG CASE NARRATIVE

Sample Receipt and Login -- Work Order: 1012332

TriMatrix Laboratories received the cooler(s) for this work order on December 21, 2010, at 11:00am. Receiving documents include field chain-of-custody (COC) record(s), sample receipt form(s), and FedEx shipping document(s). The condition of the custody seals, the type and location of the coolant, and the temperatures recorded for each cooler are presented on the TriMatrix *Sample Receiving / Log-In Checklist* provided in section A of this package. The receipt temperature of the samples was determined by using an infrared thermometer to record the temperature of three random samples of varying container types and the accompanying temperature blank, if present.

Samples were scheduled for the analyses listed on the corresponding COC form. Field IDs and assigned laboratory identifiers are presented in the table below.

Field Sample Name	Laboratory Sample ID	Matrix	Date Sampled
P-16S	1012332-01	Water	12/15/2010
P-7A	1012332-02	Water	12/16/2010
P-15DD	1012332-03	Water	12/16/2010
P-21S	1012332-04	Water	12/16/2010
P-21D	1012332-05	Water	12/16/2010
P-20D	1012332-06	Water	12/16/2010
P-20S	1012332-07	Water	12/16/2010
P-22S	1012332-08	Water	12/16/2010
P-18S	1012332-09	Water	12/17/2010
P-18D	1012332-10	Water	12/17/2010
P-18D (Duplicate 2)	1012332-11	Water	12/17/2010
P-17D	1012332-12	Water	12/17/2010
P-19D	1012332-13	Water	12/17/2010
P-19S	1012332-14	Water	12/17/2010
P-8D	1012332-15	Water	12/17/2010
P-8D (Duplicate 1)	1012332-16	Water	12/17/2010
P-7	1012332-17	Water	12/20/2010
P-10A	1012332-18	Water	12/20/2010
Trip Blank TM2606	1012332-19	Water	12/20/2010

No administrative issues were encountered during the receipt and analysis of this work order.

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TRIMATRIX LABORATORIES

SDG CASE NARRATIVE

Attachment 1
Project Technical Narrative

Sample Result Reporting Convention

Sample results are reported as RL "U" (e.g. 0.001 U) if the target analyte was not detected above the MDL.

If a sample for an organic analyte is reanalyzed and also reported, the second analysis includes the suffix "RE*n*" where *n* = the first, second, etc. reanalysis.

Data Qualifier Designation

If applicable, sample results are qualified with:

- a "J" flag if the analyte was detected, but the concentration is greater than the MDL and less than the RL;
- a "B" flag if the analyte was also detected at or above the RL in the associated method blank, and the sample concentration was less than five times the method blank result;
- a "E" flag if the analyte exceeded the instrument calibration range;
- an asterisk (*) if a report-generated statement of qualification applies; qualifying statements, if any, will be found in Attachment 2 to this narrative.

QC Batch and Analytical Batch Designation

A Quality Control (QC) Batch is a seven-digit number that associates all samples that have been prepared together (or analyzed together if there is no preparation). Quality Control batches are limited to no more than twenty samples, excluding batch QC (method blanks, control spikes, etc.). Some batches may contain multiple sets of method blanks (BLK) and laboratory control samples (BS), where a set of method quality control analyses were prepared in concert with each set of samples on a given day.

An Analytical Batch (or Sequence) is a seven-digit number that associates all samples analyzed as a set under one analytical run.

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TRIMATRIX LABORATORIES

SDG CASE NARRATIVE

Attachment 2
Statement of Data Qualifications

Volatile Organic Compounds by EPA Method 8260B

Qualification: The CCV for this analytical sequence had a recovery outside the control limit. All results for this analyte in the analytical sequence should be considered as estimated.

Analysis: USEPA-8260B

Sample/Analyte:	
1012332-15RE1 P-8D	Dichlorodifluoromethane
1012332-16RE1 P-8D (Duplicate 1)	Dichlorodifluoromethane
1012332-18 P-10A	Dichlorodifluoromethane

Qualification: The result for this analyte was above the linear range of the initial calibration curve and must be considered as estimated.

Analysis: USEPA-8260B

Sample/Analyte:	
1012332-15 P-8D	1,1-Dichloroethene
1012332-16 P-8D (Duplicate 1)	1,1-Dichloroethene

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TRIMATRIX
LABORATORIES

SECTION - A

FIELD COC RECORDS AND RECEIVING DOCUMENTATION

TRIMATRIX LABORATORIES

5560 Corporate Exchange Court SE
Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 136254

Pg. 1 of 2

Analyses Requested

VOC's

Client Name	MWA Americas, Inc.
Address	35055 W 12 Mile Rd Suite 140
City, State Zip	Farmington Hills, Michigan 48331
Phone/Fax	248-522-8310 / 2485228344
Email	Bradly.R.Toth@us.MWAglobal.com
Project Name	GE, Phillips, PR
Client Project No. / P.O. No.	
Invoice To	☑ Client ☐ Other (comments)
Contact/Report To	Bradly R. Toth

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

	Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	Number of Containers Submitted	Total	Sample Comments
1	P-16S	#1	12/15/10	3:20P		✓		1	1	
2	P-7A	#1	12/16/10	8:35A		✓		1	1	
3	P-15DD	#1	12/16/10	9:35A		✓		1	1	
4	P-21S	#1	12/16/10	10:40A		✓		1	1	
5	P-21D	#1	12/16/10	11:35A		✓		1	1	
6	P-20D	#1	12/16/10	1:35P		✓		1	1	
7	P-20S	#1	12/16/10	2:20P		✓		1	1	
8	P-22S	#1	12/16/10	3:35P		✓		1	1	
9	P-18S	#1	12/17/10	9:40A		✓		1	1	
10	P-18D	#1	12/17/10	10:20A		✓		1	1	

Sampled By (print): CARLOS J. RAMOS

Sampler's Signature: Carlos J Ramos

Company: Pedro Pangarola & Assoc (PPA)

How Shipped? Hand ___ Carrier Fedex

Tracking No.

Comments: Only one (1) Container type per all the Samples

	Relinquished By	Date	Time	Received By	Date	Time
1.	Carlos J Ramos	12/20/10	11:20AM			
2.						
3.						

WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

[redacted]

TRIMATRIX LABORATORIES

5560 Corporate Exchange Court SE
Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 136255

Pg. 2 of 2

Client Name	MWH Americas, INC	Project Name	GE, Patillas, P.R
Address	35055 W 12 Mile Rd Suite 140	Client Project No. / P.O. No.	
City, State Zip	Farmington Hills, Michigan 48331	Invoice To	☑ Client ☐ Other (comments)
Phone/Fax	248-522-8310/248-522-8344	Contact/Report To	Bradly R Toth
Email	Bradly.R.Toth@us.mwhglobal.com		

Analyses Requested: VOC's

PRESERVATIVES
- A NONE pH~7
- B HNO_3 pH<2
- C H_2SO_4 pH<2
- D 1+1 HCl pH<2
- E NaOH pH>12
- F ZnAc/NaOH pH>9
- G MeOH
- H Other (note below)

		Field Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	VOC's (Number of Containers Submitted)	Total	Sample Comments
FD	1	P-18D (Duplicate 02)	#1	12/17/10	10:40A		✓		1	1	
	2	P-17D	#1	12/17/10	11:25A		✓		1	1	
	3	P-19D	#1	12/17/10	12:25P		✓		1	1	
	4	P-19S	#1	12/17/10	1:10P		✓		1	1	
	5	P-8D	#1	12/17/10	3:05P		✓		1	1	
FD	6	P-8D (Duplicate 01)	#1	12/17/10	3:20P		✓		1	1	
	7	P-7	#1	12/20/10	8:35A		✓		1	1	
	8	P-10A	#1	12/20/10	9:35A		✓		1	1	
	9	Trip Blank	#1	12/09/10	—		-		1	1	
	10										

Sampled By (print): Carlos J. Ramos

Sampler's Signature: Carlos J. Ramos [signature]

Company: Pedro Panzardi & Assoc (PPA)

How Shipped? Hand ___ Carrier FedEx

Tracking No.

Comments: Only one (1) container type for all the samples.

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
Carlos J. Ramos [signature]	12/20/10	11:20A						
1. Received By	**Date**	**Time**	**2. Received By**	**Date**	**Time**	[redacted]		

WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

SAMPLE RECEIVING / LOG-IN CHECKLIST

TRIMATRIX LABORATORIES

Client	MWH	Work Order #: New / Add To	1012332
Receipt Record Page/Line #	25.17	Project Chemist	Sample #s

Recorded by (initials/date)		Qty Received	Thermometer Used	
WC 12/21/10	☑ Cooler ☐ Box ☐ Other____	1	☑ IR Gun (#202) ☐ Digital Thermometer (#54) ☐ Other (#____)	☐ See Additional Cooler Information Form

Cooler # Tm 21000 — Time 1050	Cooler # — Time	Cooler # — Time	Cooler # — Time
Custody Seals:	**Custody Seals:**	**Custody Seals:**	**Custody Seals:**
☐ None ☑ Present / Intact ☐ Present / Not Intact	☐ None ☐ Present / Intact ☐ Present / Not Intact	☐ None ☐ Present / Intact ☐ Present / Not Intact	☐ None ☐ Present / Intact ☐ Present / Not Intact
Coolant Location: Dispersed (circled) / Top / Middle / Bottom	**Coolant Location:** Dispersed / Top / Middle / Bottom	**Coolant Location:** Dispersed / Top / Middle / Bottom	**Coolant Location:** Dispersed / Top / Middle / Bottom
Coolant/Temperature Taken Via: ☑ Loose Ice / Avg 2-3 containers ☐ Bagged Ice / Avg 2-3 containers ☐ Blue Ice / Avg 2-3 containers ■ None / Avg 2-3 containers	**Coolant/Temperature Taken Via:** ☐ Loose Ice / Avg 2-3 containers ☐ Bagged Ice / Avg 2-3 containers ☐ Blue Ice / Avg 2-3 containers ■ None / Avg 2-3 containers	**Coolant/Temperature Taken Via:** ☐ Loose Ice / Avg 2-3 containers ☐ Bagged Ice / Avg 2-3 containers ☐ Blue Ice / Avg 2-3 containers ■ None / Avg 2-3 containers	**Coolant/Temperature Taken Via:** ☐ Loose Ice / Avg 2-3 containers ☐ Bagged Ice / Avg 2-3 containers ☐ Blue Ice / Avg 2-3 containers ■ None / Avg 2-3 containers
Alternate Temperature Taken Via: ☐ Temperature Blank (TB) ☐ 1 Container	**Alternate Temperature Taken Via:** ☐ Temperature Blank (TB) ☐ 1 Container	**Alternate Temperature Taken Via:** ☐ Temperature Blank (TB) ☐ 1 Container	**Alternate Temperature Taken Via:** ☐ Temperature Blank (TB) ☐ 1 Container

	Recorded °C	Correction Factor °C	Actual °C
Temp Blank:			
TB location: Representative / Not Representative			
1	2.1	–	2.1
2	2.4	–	2.4
3	2.0	–	2.0
Average °C			2.2

(Cooler 1) ☐ Cooler ID on COC? ☑ VOC Trip Blank received?

(Coolers 2–4, blank) Recorded °C / Correction Factor °C / Actual °C; Temp Blank; TB location: Representative / Not Representative; 1; 2; 3; Average °C; ☐ Cooler ID on COC? ☐ VOC Trip Blank received?

If any shaded areas checked, complete Sample Receiving Non-Conformance Form

Paperwork Received

☐ No COC Received

N/A	Yes	No	
	☑	☐	Chain of Custody record(s)?
	☐		If No, COC Initiated By ________
	☑		Rec'd for Lab Signed/Date/Time?
☐	☑		Shipping document?
☑	☐		Other ________

COC ID #s

☑ TriMatrix

☐ Other (Name or ID#) ________

Check COC for Accuracy

☐ No analysis requested

Yes	No	
☑	■	Sample ID matches COC?
☑	■	Sample Date and Time matches COC?
☑		Container type completed on COC?
☑	■	All container types indicated are received?

Sample Condition Summary

☐ Non-TriMatrix containers, see Notes

N/A	Yes	No	
	■	☑	Broken containers/lids?
	■	☑	Missing or incomplete labels?
	■	☑	Illegible information on labels?
	■	☑	Low volume received?
	■	☑	Inappropriate containers received?
☐	■	☑	VOC vials / TOX containers have headspace?
☐	■	☑	Extra sample locations / containers not listed on COC?

Check Sample Preservation

N/A	Yes	No	
	☑	■	Average sample temperature ≤6° C?
☑	☐		Completed Sample Preservation Verification Form?
☑	☐	■	Samples preserved correctly?
☑	☐		If "No", added orange tag?
☑	☐		Received pre-preserved VOC soils? ☐ MeOH ☐ Na_2SO_4

Check for Short Hold-Time Prep/Analyses

☐ Bacteriological
☐ Air Bags
☐ EnCores / Methanol Pre-Preserved
☐ Formaldehyde/Aldehyde
☐ Green-tagged containers
☐ Yellow/White-tagged 1L ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☐ NONE RECEIVED
☐ RECEIVED, COCs TO LAB(S)

Notes

☑ Trip Blank received ☐ Trip Blank not listed on COC
☐ No COC received, Proj. Chemist reviewed (Init/Date) ________
☐ No analysis requested, Proj. Chemist completed (Init/Date) ________

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
12/21/10 1100	12/21/10 1058	Yes / No (circled)

8717118 45605

FedEx Express International Air Waybill

Origin Copy

PACKAGE LABEL / COMMERCIAL INVOICE LABEL / DELIVERY RECORD LABEL / DELIVERY REATTEMPT LABEL

1 From

Date: 12/20/10 Sender's FedEx Account Number: 108538658

Sender's Name: Carlos J. Ramir Phone: 787-396-4297

Company: PPA

Address: InTeco Bldg off 203, LoT 14A

Address: West Ind Park Tolima Valley

City: Caguas State/Province: PR

Country: USA ZIP/Postal Code: 00725

2 To

Recipient's Name: Trimatrix Lab. Inc Phone: 616-975-4500

Company: Gary Wirtz

Address: 5560 Corporate Exchange Ct Dept./Floor

Address:

City: Grand Rapids State/Province: MI

Country: USA ZIP/Postal Code: 49512

Recipient's Tax ID Number for Customs Purposes

3 Shipment Information

For EU Only: Tick here if goods are not in free circulation and provide C.I.

Total Packages: 1 Total Weight: 39 lbs DIM 21 / 14 / 15 in

Commodity Description	Harmonized Code	Country of Manufacture	Value for Customs
Water Samples 1 cooler		NA	2499

Total Declared Value for Carriage: 2499

No EEI/SED required, enter exemption number:
Yes – Enter AES proof of filing citation:

4 Express Package Service — Packages up to 150 lbs. / 68 kg

1 ☒ FedEx Intl. Priority
6 ☐ FedEx Intl. First
3 ☐ FedEx Intl. Economy

Not all services and options are available to all destinations. Dangerous goods cannot be shipped using this Air Waybill.

5 Packaging

6 ☐ FedEx Envelope 2 ☐ FedEx Pak 3 ☐ FedEx Box 4 ☐ FedEx Tube
1 ☒ Other: Cooler PW ☐ FedEx 10kg Box* PX ☐ FedEx 25kg Box*

6 Special Handling

1 ☐ HOLD at FedEx Location 3 ☐ SATURDAY Delivery

7a Payment Bill transportation charges to:

1 ☒ Sender 2 ☐ Recipient ☒ Third Party 4 ☐ Credit Card 5 ☐ Cash Check/Cheque

FedEx Acct. No. [redacted]

Credit Card Exp. Date

7b Payment Bill duties and taxes to:

1 ☐ Sender 2 ☐ Recipient 3 ☐ Third Party 5 ☐ Cash Check/Cheque

FedEx Acct. No.

8 Your Internal Billing Reference

9 Required Signature

Sender's Signature: Carlos J. Ramir

This is not authorization to deliver this shipment without a recipient signature.

Received above shipment in good order and condition. We agree to pay all charges, including Customs duties and taxes as applicable, and we agree to the Conditions of Contract as stated on the reverse side of the Recipient's Copy.

Recipient's Signature:

FedEx Tracking Number: 8717 1184 5605 0402

521

Origin Station ID: Aiga Destination Station ID: GRR. URSA Routing: GRRA

2734 12-20

Non-Negotiable International Air Waybill • ©1994–2006 FedEx

:00011

TRIMATRIX
LABORATORIES

SECTION - B

INTERNAL COC RECORDS

Internal Chain of Custody

SDGID: 1012332 **Work Order #: 1012332**

Client: **MWH Americas - Farmington Hills, MI**
Project: **GE - Patillas, Puerto Rico**

Project Manager: **Gary L. Wood**
Date Received: **Dec-21-10 11:00**

Department: **Volatiles MS** Analysis: 8260B

Lab Number / Sample Name	*Container*	*Removed by (Signature)*	*Date & Time Removed*	*Date & Time Returned*	*Consumed?*	*Extract Container*
1012332-01 P-16S	A	Diane VanMale	12-28-10 10:30	12-29-10 16:00		
1012332-02 P-7A						
1012332-03 P-15DD						
1012332-04 P-21S						
1012332-05 P-21D						
1012332-06 P-20D						
1012332-07 P-20S						
1012332-08 P-22S						
1012332-09 P-18S						
1012332-10 P-18D						
1012332-11 P-18D (Duplicate 2)						
1012332-12 P-17D						
1012332-13 P-19D						
1012332-14 P-19S						

SDGID: 1012332 **Work Order #: 1012332**

Client: **MWH Americas - Farmington Hills, MI**
Project: **GE - Patillas, Puerto Rico**

Project Manager: **Gary L. Wood**
Date Received: **Dec-21-10 11:00**

Department: **Volatiles MS** Analysis: 8260B

Lab Number / Sample Name	*Container*	*Removed by (Signature)*	*Date & Time Removed*	*Date & Time Returned*	*Consumed?*	*Extract Container*
1012332-15 P-8D	A, B	Diane VanMale	12-28-10 10:30	12-29-10 16:00		
1012332-16 P-8D (Duplicate 1)	, B					
1012332-17 P-7						
1012332-18 P-10A	, B					
1012332-19 Trip Blank TM2606						

TRIMATRIX
LABORATORIES

SECTION - C

GC/MS VOLATILE ORGANICS

STATEMENT OF DATA QUALIFICATIONS

Volatile Organic Compounds by EPA Method 8260B

Qualification:	The CCV for this analytical sequence had a recovery outside the control limit. All results for this analyte in the analytical sequence should be considered as estimated.	
Analysis:	USEPA-8260B	
Sample/Analyte:	1012332-15RE1 P-8D	Dichlorodifluoromethane
	1012332-16RE1 P-8D (Duplicate 1)	Dichlorodifluoromethane
	1012332-18 P-10A	Dichlorodifluoromethane
Qualification:	The result for this analyte was above the linear range of the initial calibration curve and must be considered as estimated.	
Analysis:	USEPA-8260B	
Sample/Analyte:	1012332-15 P-8D	1,1-Dichloroethene
	1012332-16 P-8D (Duplicate 1)	1,1-Dichloroethene

TriMatrix Laboratories, Inc.

MWH Americas - Farmington Hills, MI

Project: GE - Patillas, Puerto Rico

SDG: 1012332

USEPA-8260B

SAMPLE ID SUMMARY

USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Client Sample Id:	Lab Sample Id:
P-16S	1012332-01
P-7A	1012332-02
P-15DD	1012332-03
P-21S	1012332-04
P-21D	1012332-05
P-20D	1012332-06
P-20S	1012332-07
P-22S	1012332-08
P-18S	1012332-09
P-18D	1012332-10
P-18D (Duplicate 2)	1012332-11
P-17D	1012332-12
P-19D	1012332-13
P-19S	1012332-14
P-8D	1012332-15
P-8D	1012332-15RE1
P-8D (Duplicate 1)	1012332-16
P-8D (Duplicate 1)	1012332-16RE1
P-7	1012332-17
P-10A	1012332-18
Trip Blank TM2606	1012332-19

SURROGATE STANDARD RECOVERY AND RT SUMMARY

USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
SDG: 1012332
Client: MWH Americas - Farmington Hills, MI
Project: GE - Patillas, Puerto Rico
Matrix: Water
Calibration: 0L28007
Sequence: 1A21012
Instrument: 224

Lab Sample Id Surrogate Compound Name	RT	Calibration Mean RT	RT Diff	RT Diff Limit	% Recovery	Recovery Limits	Q
LCS (1100572-BS1)		**Lab File ID: CCV1228B.D**		**Analyzed: 12/28/10 09:32**			
Dibromofluoromethane	4.47	4.47	0.00	+/-1.0	99	88 - 116	
1,2-Dichloroethane-d4	4.80	4.80	0.00	+/-1.0	103	87 - 123	
Toluene-d8	6.67	6.67	0.00	+/-1.0	97	91 - 107	
4-Bromofluorobenzene	9.23	9.23	0.00	+/-1.0	99	84 - 106	
Calibration Check (1A21012-CCV1)		**Lab File ID: CCV1228B.D**		**Analyzed: 12/28/10 09:32**			
Dibromofluoromethane	4.47	4.47	0.00	+/-1.0	99	75 - 125	
1,2-Dichloroethane-d4	4.80	4.80	0.00	+/-1.0	103	75 - 125	
Toluene-d8	6.67	6.67	0.00	+/-1.0	97	75 - 125	
4-Bromofluorobenzene	9.23	9.23	0.00	+/-1.0	99	75 - 125	
Blank (1100572-BLK1)		**Lab File ID: BLK1228B.D**		**Analyzed: 12/28/10 10:42**			
Dibromofluoromethane	4.47	4.47	0.00	+/-1.0	98	88 - 116	
1,2-Dichloroethane-d4	4.80	4.80	0.00	+/-1.0	103	87 - 123	
Toluene-d8	6.67	6.67	0.00	+/-1.0	96	91 - 107	
4-Bromofluorobenzene	9.23	9.23	0.00	+/-1.0	100	84 - 106	
P-16S (1012332-01)		**Lab File ID: 33201.D**		**Analyzed: 12/28/10 11:19**			
Dibromofluoromethane	4.47	4.47	0.00	+/-1.0	100	88 - 116	
1,2-Dichloroethane-d4	4.80	4.80	0.00	+/-1.0	102	87 - 123	
Toluene-d8	6.67	6.67	0.00	+/-1.0	94	91 - 107	
4-Bromofluorobenzene	9.23	9.23	0.00	+/-1.0	99	84 - 106	
P-7A (1012332-02)		**Lab File ID: 33202.D**		**Analyzed: 12/28/10 11:56**			
Dibromofluoromethane	4.47	4.47	0.00	+/-1.0	98	88 - 116	
1,2-Dichloroethane-d4	4.80	4.80	0.00	+/-1.0	105	87 - 123	
Toluene-d8	6.67	6.67	0.00	+/-1.0	94	91 - 107	
4-Bromofluorobenzene	9.23	9.23	0.00	+/-1.0	98	84 - 106	
P-17D (1012332-12)		**Lab File ID: 33212.D**		**Analyzed: 12/28/10 12:32**			
Dibromofluoromethane	4.47	4.47	0.00	+/-1.0	100	88 - 116	
1,2-Dichloroethane-d4	4.80	4.80	0.00	+/-1.0	106	87 - 123	
Toluene-d8	6.67	6.67	0.00	+/-1.0	95	91 - 107	
4-Bromofluorobenzene	9.23	9.23	0.00	+/-1.0	99	84 - 106	
P-19D (1012332-13)		**Lab File ID: 33213.D**		**Analyzed: 12/28/10 13:09**			
Dibromofluoromethane	4.47	4.47	0.00	+/-1.0	99	88 - 116	
1,2-Dichloroethane-d4	4.80	4.80	0.00	+/-1.0	106	87 - 123	
Toluene-d8	6.67	6.67	0.00	+/-1.0	96	91 - 107	
4-Bromofluorobenzene	9.23	9.23	0.00	+/-1.0	100	84 - 106	

SURROGATE STANDARD RECOVERY AND RT SUMMARY
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
SDG: 1012332
Client: MWH Americas - Farmington Hills, MI
Project: GE - Patillas, Puerto Rico
Matrix: Water
Calibration: 0L28007
Sequence: 1A21012
Instrument: 224

Lab Sample Id Surrogate Compound Name	RT	Calibration Mean RT	RT Diff	RT Diff Limit	% Recovery	Recovery Limits	Q
P-19S (1012332-14)		**Lab File ID: 33214.D**		**Analyzed: 12/28/10 13:46**			
Dibromofluoromethane	4.47	4.47	0.00	+/-1.0	100	88 - 116	
1,2-Dichloroethane-d4	4.80	4.80	0.00	+/-1.0	106	87 - 123	
Toluene-d8	6.67	6.67	0.00	+/-1.0	96	91 - 107	
4-Bromofluorobenzene	9.23	9.23	0.00	+/-1.0	100	84 - 106	
P-7 (1012332-17)		**Lab File ID: 33217.D**		**Analyzed: 12/28/10 14:22**			
Dibromofluoromethane	4.47	4.47	0.00	+/-1.0	100	88 - 116	
1,2-Dichloroethane-d4	4.80	4.80	0.00	+/-1.0	105	87 - 123	
Toluene-d8	6.67	6.67	0.00	+/-1.0	95	91 - 107	
4-Bromofluorobenzene	9.23	9.23	0.00	+/-1.0	98	84 - 106	
P-15DD (1012332-03)		**Lab File ID: 33203.D**		**Analyzed: 12/28/10 14:59**			
Dibromofluoromethane	4.47	4.47	0.00	+/-1.0	98	88 - 116	
1,2-Dichloroethane-d4	4.80	4.80	0.00	+/-1.0	104	87 - 123	
Toluene-d8	6.67	6.67	0.00	+/-1.0	94	91 - 107	
4-Bromofluorobenzene	9.23	9.23	0.00	+/-1.0	99	84 - 106	
P-21S (1012332-04)		**Lab File ID: 33204.D**		**Analyzed: 12/28/10 15:36**			
Dibromofluoromethane	4.47	4.47	0.00	+/-1.0	100	88 - 116	
1,2-Dichloroethane-d4	4.80	4.80	0.00	+/-1.0	103	87 - 123	
Toluene-d8	6.67	6.67	0.00	+/-1.0	95	91 - 107	
4-Bromofluorobenzene	9.23	9.23	0.00	+/-1.0	100	84 - 106	
P-21D (1012332-05)		**Lab File ID: 33205.D**		**Analyzed: 12/28/10 16:12**			
Dibromofluoromethane	4.47	4.47	0.00	+/-1.0	97	88 - 116	
1,2-Dichloroethane-d4	4.80	4.80	0.00	+/-1.0	106	87 - 123	
Toluene-d8	6.67	6.67	0.00	+/-1.0	95	91 - 107	
4-Bromofluorobenzene	9.23	9.23	0.00	+/-1.0	98	84 - 106	
P-20D (1012332-06)		**Lab File ID: 33206.D**		**Analyzed: 12/28/10 16:49**			
Dibromofluoromethane	4.47	4.47	0.00	+/-1.0	100	88 - 116	
1,2-Dichloroethane-d4	4.80	4.80	0.00	+/-1.0	106	87 - 123	
Toluene-d8	6.67	6.67	0.00	+/-1.0	95	91 - 107	
4-Bromofluorobenzene	9.23	9.23	0.00	+/-1.0	100	84 - 106	
P-20S (1012332-07)		**Lab File ID: 33207.D**		**Analyzed: 12/28/10 17:26**			
Dibromofluoromethane	4.47	4.47	0.00	+/-1.0	99	88 - 116	
1,2-Dichloroethane-d4	4.80	4.80	0.00	+/-1.0	106	87 - 123	
Toluene-d8	6.67	6.67	0.00	+/-1.0	96	91 - 107	
4-Bromofluorobenzene	9.23	9.23	0.00	+/-1.0	100	84 - 106	

SURROGATE STANDARD RECOVERY AND RT SUMMARY
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
SDG: 1012332
Client: MWH Americas - Farmington Hills, MI
Project: GE - Patillas, Puerto Rico
Matrix: Water
Calibration: 0L28007
Sequence: 1A21012
Instrument: 224

Lab Sample Id Surrogate Compound Name	RT	Calibration Mean RT	RT Diff	RT Diff Limit	% Recovery	Recovery Limits	Q
P-22S (1012332-08)		**Lab File ID: 33208.D**		**Analyzed: 12/28/10 18:02**			
Dibromofluoromethane	4.47	4.47	0.00	+/-1.0	100	88 - 116	
1,2-Dichloroethane-d4	4.80	4.80	0.00	+/-1.0	104	87 - 123	
Toluene-d8	6.67	6.67	0.00	+/-1.0	95	91 - 107	
4-Bromofluorobenzene	9.23	9.23	0.00	+/-1.0	98	84 - 106	
P-18S (1012332-09)		**Lab File ID: 33209.D**		**Analyzed: 12/28/10 18:39**			
Dibromofluoromethane	4.47	4.47	0.00	+/-1.0	101	88 - 116	
1,2-Dichloroethane-d4	4.80	4.80	0.00	+/-1.0	105	87 - 123	
Toluene-d8	6.67	6.67	0.00	+/-1.0	96	91 - 107	
4-Bromofluorobenzene	9.23	9.23	0.00	+/-1.0	98	84 - 106	
P-18D (1012332-10)		**Lab File ID: 33210.D**		**Analyzed: 12/28/10 19:15**			
Dibromofluoromethane	4.47	4.47	0.00	+/-1.0	100	88 - 116	
1,2-Dichloroethane-d4	4.80	4.80	0.00	+/-1.0	104	87 - 123	
Toluene-d8	6.67	6.67	0.00	+/-1.0	94	91 - 107	
4-Bromofluorobenzene	9.23	9.23	0.00	+/-1.0	99	84 - 106	
P-18D (Duplicate 2) (1012332-11)		**Lab File ID: 33211.D**		**Analyzed: 12/28/10 19:52**			
Dibromofluoromethane	4.47	4.47	0.00	+/-1.0	100	88 - 116	
1,2-Dichloroethane-d4	4.80	4.80	0.00	+/-1.0	106	87 - 123	
Toluene-d8	6.67	6.67	0.00	+/-1.0	95	91 - 107	
4-Bromofluorobenzene	9.23	9.23	0.00	+/-1.0	99	84 - 106	

SURROGATE STANDARD RECOVERY AND RT SUMMARY

USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
SDG: 1012332
Client: MWH Americas - Farmington Hills, MI
Project: GE - Patillas, Puerto Rico
Matrix: Water
Calibration: 0L28007
Sequence: 1A21014
Instrument: 224

Lab Sample Id Surrogate Compound Name	RT	Calibration Mean RT	RT Diff	RT Diff Limit	% Recovery	Recovery Limits	Q
LCS (1100572-BS2)		**Lab File ID: CCV1228B2.D**		**Analyzed: 12/28/10 21:36**			
Dibromofluoromethane	4.47	4.47	0.00	+/-1.0	101	88 - 116	
1,2-Dichloroethane-d4	4.80	4.80	0.00	+/-1.0	107	87 - 123	
Toluene-d8	6.68	6.67	0.01	+/-1.0	100	91 - 107	
4-Bromofluorobenzene	9.23	9.23	0.00	+/-1.0	102	84 - 106	
Calibration Check (1A21014-CCV1)		**Lab File ID: CCV1228B2.D**		**Analyzed: 12/28/10 21:36**			
Dibromofluoromethane	4.47	4.47	0.00	+/-1.0	101	75 - 125	
1,2-Dichloroethane-d4	4.80	4.80	0.00	+/-1.0	107	75 - 125	
Toluene-d8	6.68	6.67	0.01	+/-1.0	100	75 - 125	
4-Bromofluorobenzene	9.23	9.23	0.00	+/-1.0	102	75 - 125	
Blank (1100572-BLK2)		**Lab File ID: BLK1228B2.D**		**Analyzed: 12/28/10 22:49**			
Dibromofluoromethane	4.47	4.47	0.00	+/-1.0	100	88 - 116	
1,2-Dichloroethane-d4	4.80	4.80	0.00	+/-1.0	107	87 - 123	
Toluene-d8	6.67	6.67	0.00	+/-1.0	95	91 - 107	
4-Bromofluorobenzene	9.23	9.23	0.00	+/-1.0	101	84 - 106	
Trip Blank TM2606 (1012332-19)		**Lab File ID: 33219.D**		**Analyzed: 12/28/10 23:26**			
Dibromofluoromethane	4.47	4.47	0.00	+/-1.0	99	88 - 116	
1,2-Dichloroethane-d4	4.80	4.80	0.00	+/-1.0	106	87 - 123	
Toluene-d8	6.67	6.67	0.00	+/-1.0	93	91 - 107	
4-Bromofluorobenzene	9.23	9.23	0.00	+/-1.0	100	84 - 106	
P-8D (1012332-15)		**Lab File ID: 33215.D**		**Analyzed: 12/29/10 00:03**			
Dibromofluoromethane	4.47	4.47	0.00	+/-1.0	100	88 - 116	
1,2-Dichloroethane-d4	4.80	4.80	0.00	+/-1.0	104	87 - 123	
Toluene-d8	6.67	6.67	0.00	+/-1.0	95	91 - 107	
4-Bromofluorobenzene	9.23	9.23	0.00	+/-1.0	100	84 - 106	
P-8D (Duplicate 1) (1012332-16)		**Lab File ID: 33216.D**		**Analyzed: 12/29/10 00:39**			
Dibromofluoromethane	4.47	4.47	0.00	+/-1.0	98	88 - 116	
1,2-Dichloroethane-d4	4.80	4.80	0.00	+/-1.0	106	87 - 123	
Toluene-d8	6.67	6.67	0.00	+/-1.0	93	91 - 107	
4-Bromofluorobenzene	9.23	9.23	0.00	+/-1.0	99	84 - 106	
Matrix Spike (1100572-MS1)		**Lab File ID: 33210S1.D**		**Analyzed: 12/29/10 04:19**			
Dibromofluoromethane	4.47	4.47	0.00	+/-1.0	100	88 - 116	
1,2-Dichloroethane-d4	4.80	4.80	0.00	+/-1.0	104	87 - 123	
Toluene-d8	6.67	6.67	0.00	+/-1.0	97	91 - 107	
4-Bromofluorobenzene	9.23	9.23	0.00	+/-1.0	103	84 - 106	

SURROGATE STANDARD RECOVERY AND RT SUMMARY
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
SDG: 1012332
Client: MWH Americas - Farmington Hills, MI
Project: GE - Patillas, Puerto Rico
Matrix: Water
Calibration: 0L28007
Sequence: 1A21014
Instrument: 224

Lab Sample Id Surrogate Compound Name	RT	Calibration Mean RT	RT Diff	RT Diff Limit	% Recovery	Recovery Limits	Q
Matrix Spike Dup (1100572-MSD1)		**Lab File ID: 33210S2.D**		**Analyzed: 12/29/10 04:55**			
Dibromofluoromethane	4.47	4.47	0.00	+/-1.0	101	88 - 116	
1,2-Dichloroethane-d4	4.80	4.80	0.00	+/-1.0	104	87 - 123	
Toluene-d8	6.67	6.67	0.00	+/-1.0	96	91 - 107	
4-Bromofluorobenzene	9.23	9.23	0.00	+/-1.0	100	84 - 106	

SURROGATE STANDARD RECOVERY AND RT SUMMARY

USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
SDG: 1012332
Client: MWH Americas - Farmington Hills, MI
Project: GE - Patillas, Puerto Rico
Matrix: Water
Calibration: 0L28007
Sequence: 1A21015
Instrument: 224

Lab Sample Id Surrogate Compound Name	RT	Calibration Mean RT	RT Diff	RT Diff Limit	% Recovery	Recovery Limits	Q
LCS (1100572-BS3)	**Lab File ID: CCV1229B.D Analyzed: 12/29/10 11:39**						
Dibromofluoromethane	4.47	4.47	0.00	+/-1.0	99	88 - 116	
1,2-Dichloroethane-d4	4.80	4.80	0.00	+/-1.0	105	87 - 123	
Toluene-d8	6.67	6.67	0.00	+/-1.0	99	91 - 107	
4-Bromofluorobenzene	9.23	9.23	0.00	+/-1.0	99	84 - 106	
Calibration Check (1A21015-CCV1)	**Lab File ID: CCV1229B.D Analyzed: 12/29/10 11:39**						
Dibromofluoromethane	4.47	4.47	0.00	+/-1.0	99	75 - 125	
1,2-Dichloroethane-d4	4.80	4.80	0.00	+/-1.0	105	75 - 125	
Toluene-d8	6.67	6.67	0.00	+/-1.0	99	75 - 125	
4-Bromofluorobenzene	9.23	9.23	0.00	+/-1.0	99	75 - 125	
Blank (1100572-BLK3)	**Lab File ID: BLK1229B.D Analyzed: 12/29/10 12:52**						
Dibromofluoromethane	4.47	4.47	0.00	+/-1.0	99	88 - 116	
1,2-Dichloroethane-d4	4.80	4.80	0.00	+/-1.0	106	87 - 123	
Toluene-d8	6.67	6.67	0.00	+/-1.0	95	91 - 107	
4-Bromofluorobenzene	9.23	9.23	0.00	+/-1.0	98	84 - 106	
P-8D (1012332-15RE1)	**Lab File ID: 33215A.D Analyzed: 12/29/10 13:29**						
Dibromofluoromethane	4.47	4.47	0.00	+/-1.0	99	88 - 116	
1,2-Dichloroethane-d4	4.80	4.80	0.00	+/-1.0	106	87 - 123	
Toluene-d8	6.67	6.67	0.00	+/-1.0	96	91 - 107	
4-Bromofluorobenzene	9.23	9.23	0.00	+/-1.0	100	84 - 106	
P-8D (Duplicate 1) (1012332-16RE1)	**Lab File ID: 33216A.D Analyzed: 12/29/10 14:06**						
Dibromofluoromethane	4.47	4.47	0.00	+/-1.0	100	88 - 116	
1,2-Dichloroethane-d4	4.80	4.80	0.00	+/-1.0	105	87 - 123	
Toluene-d8	6.67	6.67	0.00	+/-1.0	96	91 - 107	
4-Bromofluorobenzene	9.23	9.23	0.00	+/-1.0	100	84 - 106	
P-10A (1012332-18)	**Lab File ID: 33218A.D Analyzed: 12/29/10 14:43**						
Dibromofluoromethane	4.47	4.47	0.00	+/-1.0	99	88 - 116	
1,2-Dichloroethane-d4	4.80	4.80	0.00	+/-1.0	108	87 - 123	
Toluene-d8	6.67	6.67	0.00	+/-1.0	95	91 - 107	
4-Bromofluorobenzene	9.23	9.23	0.00	+/-1.0	98	84 - 106	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

P-18D

USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.

Client: MWH Americas - Farmington Hills, MI

Matrix: Water

QC Batch: 1100572

SDG: 1012332

Project: GE - Patillas, Puerto Rico

Laboratory ID: 1100572-MS1

Preparation: 5030B Aqueous Purge & Trap

Initial/Final: 5 mL / 5 mL

Analyte	Spike Added	Sample Conc.	MS Conc.	MS % Rec. #	QC Limits Rec.	Units
Benzene	40.0	ND	39.9	100	80 - 129	ug/L
Chlorobenzene	40.0	ND	41.5	104	80 - 121	ug/L
1,1-Dichloroethene	40.0	19.1	59.0	100	74 - 134	ug/L
Toluene	40.0	ND	40.5	101	79 - 129	ug/L
Trichloroethene	40.0	ND	40.5	101	75 - 127	ug/L

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

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

P-18D

USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.

Client: MWH Americas - Farmington Hills, MI

Matrix: Water

QC Batch: 1100572

SDG: 1012332

Project: GE - Patillas, Puerto Rico

Laboratory ID: 1100572-MSD1

Preparation: 5030B Aqueous Purge & Trap

Initial/Final: 5 mL / 5 mL

Analyte	Spike Added	MSD Conc.	MSD % Rec. #	% RPD #	QC Limits RPD	QC Limits Rec.	Units
Benzene	40.0	41.3	103	3	9	80 - 129	ug/L
Chlorobenzene	40.0	43.1	108	4	8	80 - 121	ug/L
1,1-Dichloroethene	40.0	61.9	107	5	11	74 - 134	ug/L
Toluene	40.0	41.5	104	2	9	79 - 129	ug/L
Trichloroethene	40.0	41.5	104	2	10	75 - 127	ug/L

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

* Values outside of QC limits

LCS / LCS DUPLICATE RECOVERY
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
Client: MWH Americas - Farmington Hills, MI
Matrix: Water

SDG: 1012332
Project: GE - Patillas, Puerto Rico
Laboratory ID: 1100572-BS1
Preparation: 5030B Aqueous Purge & Trap
Initial/Final: 5 mL / 5 mL

QC Batch: 1100572
Sequence: 1A21012

Analyte	Spike Added	LCS Conc.	LCS % Rec. #	QC Limits Rec.	Units
Benzene	40.0	37.6	94	84 - 119	ug/L
Chlorobenzene	40.0	39.6	99	84 - 118	ug/L
1,1-Dichloroethene	40.0	37.2	93	77 - 123	ug/L
Toluene	40.0	38.4	96	85 - 118	ug/L
Trichloroethene	40.0	37.6	94	82 - 119	ug/L

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

* Values outside of QC limits

LCS / LCS DUPLICATE RECOVERY
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
Client: MWH Americas - Farmington Hills, MI
Matrix: Water

SDG: 1012332
Project: GE - Patillas, Puerto Rico
Laboratory ID: 1100572-BS2
Preparation: 5030B Aqueous Purge & Trap
Initial/Final: 5 mL / 5 mL

QC Batch: 1100572
Sequence: 1A21014

Analyte	Spike Added	LCS Conc.	LCS % Rec. #	QC Limits Rec.	Units
Benzene	40.0	39.4	98	84 - 119	ug/L
Chlorobenzene	40.0	41.2	103	84 - 118	ug/L
1,1-Dichloroethene	40.0	39.1	98	77 - 123	ug/L
Toluene	40.0	40.1	100	85 - 118	ug/L
Trichloroethene	40.0	40.3	101	82 - 119	ug/L

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

* Values outside of QC limits

LCS / LCS DUPLICATE RECOVERY
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
Client: MWH Americas - Farmington Hills, MI
Matrix: Water

SDG: 1012332
Project: GE - Patillas, Puerto Rico
Laboratory ID: 1100572-BS3
Preparation: 5030B Aqueous Purge & Trap
Initial/Final: 5 mL / 5 mL

QC Batch: 1100572
Sequence: 1A21015

Analyte	Spike Added	LCS Conc.	LCS % Rec. #	QC Limits Rec.	Units
Benzene	40.0	42.4	106	84 - 119	ug/L
Chlorobenzene	40.0	43.8	109	84 - 118	ug/L
1,1-Dichloroethene	40.0	41.8	105	77 - 123	ug/L
Toluene	40.0	42.4	106	85 - 118	ug/L
Trichloroethene	40.0	42.8	107	82 - 119	ug/L

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

* Values outside of QC limits

METHOD BLANK DATA SHEET
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1100572-BLK1 File ID: BLK1228B.D

Prepared: 12/28/10 08:00 Analyzed: 12/28/10 10:42

Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Concentration	Unit	MDL	MRL	Q
67-64-1	Acetone	5.0	ug/L	2.1	5.0	U
71-43-2	Benzene	1.0	ug/L	0.18	1.0	U
108-86-1	Bromobenzene	1.0	ug/L	0.19	1.0	U
74-97-5	Bromochloromethane	1.0	ug/L	0.18	1.0	U
75-27-4	Bromodichloromethane	1.0	ug/L	0.13	1.0	U
75-25-2	Bromoform	1.0	ug/L	0.15	1.0	U
74-83-9	Bromomethane	1.0	ug/L	0.18	1.0	U
104-51-8	n-Butylbenzene	1.0	ug/L	0.18	1.0	U
135-98-8	sec-Butylbenzene	1.0	ug/L	0.18	1.0	U
98-06-6	tert-Butylbenzene	1.0	ug/L	0.15	1.0	U
56-23-5	Carbon Tetrachloride	1.0	ug/L	0.13	1.0	U
108-90-7	Chlorobenzene	1.0	ug/L	0.19	1.0	U
75-00-3	Chloroethane	1.0	ug/L	0.15	1.0	U
67-66-3	Chloroform	1.0	ug/L	0.17	1.0	U
74-87-3	Chloromethane	1.0	ug/L	0.16	1.0	U
95-49-8	2-Chlorotoluene	1.0	ug/L	0.16	1.0	U
106-43-4	4-Chlorotoluene	1.0	ug/L	0.12	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	ug/L	0.40	1.0	U
124-48-1	Dibromochloromethane	1.0	ug/L	0.14	1.0	U
106-93-4	1,2-Dibromoethane	1.0	ug/L	0.22	1.0	U
74-95-3	Dibromomethane	1.0	ug/L	0.23	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	ug/L	0.12	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	ug/L	0.13	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	ug/L	0.12	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	ug/L	0.21	1.0	U
75-34-3	1,1-Dichloroethane	1.0	ug/L	0.13	1.0	U
107-06-2	1,2-Dichloroethane	1.0	ug/L	0.13	1.0	U
75-35-4	1,1-Dichloroethene	1.0	ug/L	0.13	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	ug/L	0.23	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	ug/L	0.20	1.0	U
78-87-5	1,2-Dichloropropane	1.0	ug/L	0.15	1.0	U
142-28-9	1,3-Dichloropropane	1.0	ug/L	0.14	1.0	U
594-20-7	2,2-Dichloropropane	1.0	ug/L	0.18	1.0	U
563-58-6	1,1-Dichloropropene	1.0	ug/L	0.25	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	ug/L	0.25	1.0	U

METHOD BLANK DATA SHEET
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1100572-BLK1 File ID: BLK1228B.D

Prepared: 12/28/10 08:00 Analyzed: 12/28/10 10:42

Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Concentration	Unit	MDL	MRL	Q
10061-02-6	trans-1,3-Dichloropropene	1.0	ug/L	0.23	1.0	U
100-41-4	Ethylbenzene	1.0	ug/L	0.14	1.0	U
87-68-3	Hexachlorobutadiene	1.0	ug/L	0.28	1.0	U
98-82-8	Isopropylbenzene	1.0	ug/L	0.15	1.0	U
99-87-6	4-Isopropyltoluene	1.0	ug/L	0.29	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1.0	ug/L	0.28	1.0	U
75-09-2	Methylene Chloride	1.0	ug/L	0.26	1.0	U
78-93-3	2-Butanone (MEK)	5.0	ug/L	0.55	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	ug/L	0.28	5.0	U
91-20-3	Naphthalene	5.0	ug/L	0.37	5.0	U
103-65-1	n-Propylbenzene	1.0	ug/L	0.15	1.0	U
100-42-5	Styrene	1.0	ug/L	0.11	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	ug/L	0.16	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	ug/L	0.070	1.0	U
127-18-4	Tetrachloroethene	1.0	ug/L	0.16	1.0	U
108-88-3	Toluene	1.0	ug/L	0.16	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	ug/L	0.18	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	ug/L	0.16	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	ug/L	0.19	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	ug/L	0.18	1.0	U
79-01-6	Trichloroethene	1.0	ug/L	0.092	1.0	U
75-69-4	Trichlorofluoromethane	1.0	ug/L	0.20	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	ug/L	0.28	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	ug/L	0.16	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	ug/L	0.18	1.0	U
75-01-4	Vinyl Chloride	1.0	ug/L	0.10	1.0	U
136777-61-2	Xylene, Meta + Para	2.0	ug/L	0.28	2.0	U
95-47-6	Xylene, Ortho	1.0	ug/L	0.14	1.0	U

System Monitoring Compound	Added (ug/L)	Conc. (ug/L)	% REC	QC Limits	Q
Dibromofluoromethane	40.0	39.3	98	88 - 116	
1,2-Dichloroethane-d4	40.0	41.2	103	87 - 123	
Toluene-d8	40.0	38.2	96	91 - 107	
4-Bromofluorobenzene	40.0	40.0	100	84 - 106	

METHOD BLANK DATA SHEET
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1100572-BLK1 File ID: BLK1228B.D

Prepared: 12/28/10 08:00 Analyzed: 12/28/10 10:42

Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

Internal Standard	Area	RT	Ref. Area	Ref. RT	Q
Fluorobenzene	443109	5.13	495489	5.13	
Chlorobenzene-d5	377732	8.08	453134	8.08	
1,4-Dichlorobenzene-d4	223416	10.38	273742	10.38	

METHOD BLANK DATA SHEET
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1100572-BLK2 File ID: BLK1228B2.D

Prepared: 12/28/10 20:00 Analyzed: 12/28/10 22:49

Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21014 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Concentration	Unit	MDL	MRL	Q
67-64-1	Acetone	5.0	ug/L	2.1	5.0	U
71-43-2	Benzene	1.0	ug/L	0.18	1.0	U
108-86-1	Bromobenzene	1.0	ug/L	0.19	1.0	U
74-97-5	Bromochloromethane	1.0	ug/L	0.18	1.0	U
75-27-4	Bromodichloromethane	1.0	ug/L	0.13	1.0	U
75-25-2	Bromoform	1.0	ug/L	0.15	1.0	U
74-83-9	Bromomethane	1.0	ug/L	0.18	1.0	U
104-51-8	n-Butylbenzene	1.0	ug/L	0.18	1.0	U
135-98-8	sec-Butylbenzene	1.0	ug/L	0.18	1.0	U
98-06-6	tert-Butylbenzene	1.0	ug/L	0.15	1.0	U
56-23-5	Carbon Tetrachloride	1.0	ug/L	0.13	1.0	U
108-90-7	Chlorobenzene	1.0	ug/L	0.19	1.0	U
75-00-3	Chloroethane	1.0	ug/L	0.15	1.0	U
67-66-3	Chloroform	1.0	ug/L	0.17	1.0	U
74-87-3	Chloromethane	1.0	ug/L	0.16	1.0	U
95-49-8	2-Chlorotoluene	1.0	ug/L	0.16	1.0	U
106-43-4	4-Chlorotoluene	1.0	ug/L	0.12	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	ug/L	0.40	1.0	U
124-48-1	Dibromochloromethane	1.0	ug/L	0.14	1.0	U
106-93-4	1,2-Dibromoethane	1.0	ug/L	0.22	1.0	U
74-95-3	Dibromomethane	1.0	ug/L	0.23	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	ug/L	0.12	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	ug/L	0.13	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	ug/L	0.12	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	ug/L	0.21	1.0	U
75-34-3	1,1-Dichloroethane	1.0	ug/L	0.13	1.0	U
107-06-2	1,2-Dichloroethane	1.0	ug/L	0.13	1.0	U
75-35-4	1,1-Dichloroethene	1.0	ug/L	0.13	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	ug/L	0.23	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	ug/L	0.20	1.0	U
78-87-5	1,2-Dichloropropane	1.0	ug/L	0.15	1.0	U
142-28-9	1,3-Dichloropropane	1.0	ug/L	0.14	1.0	U
594-20-7	2,2-Dichloropropane	1.0	ug/L	0.18	1.0	U
563-58-6	1,1-Dichloropropene	1.0	ug/L	0.25	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	ug/L	0.25	1.0	U

METHOD BLANK DATA SHEET
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1100572-BLK2 File ID: BLK1228B2.D

Prepared: 12/28/10 20:00 Analyzed: 12/28/10 22:49

Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21014 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Concentration	Unit	MDL	MRL	Q
10061-02-6	trans-1,3-Dichloropropene	1.0	ug/L	0.23	1.0	U
100-41-4	Ethylbenzene	1.0	ug/L	0.14	1.0	U
87-68-3	Hexachlorobutadiene	1.0	ug/L	0.28	1.0	U
98-82-8	Isopropylbenzene	1.0	ug/L	0.15	1.0	U
99-87-6	4-Isopropyltoluene	1.0	ug/L	0.29	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1.0	ug/L	0.28	1.0	U
75-09-2	Methylene Chloride	1.0	ug/L	0.26	1.0	U
78-93-3	2-Butanone (MEK)	5.0	ug/L	0.55	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	ug/L	0.28	5.0	U
91-20-3	Naphthalene	5.0	ug/L	0.37	5.0	U
103-65-1	n-Propylbenzene	1.0	ug/L	0.15	1.0	U
100-42-5	Styrene	1.0	ug/L	0.11	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	ug/L	0.16	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	ug/L	0.070	1.0	U
127-18-4	Tetrachloroethene	1.0	ug/L	0.16	1.0	U
108-88-3	Toluene	1.0	ug/L	0.16	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	ug/L	0.18	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	ug/L	0.16	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	ug/L	0.19	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	ug/L	0.18	1.0	U
79-01-6	Trichloroethene	1.0	ug/L	0.092	1.0	U
75-69-4	Trichlorofluoromethane	1.0	ug/L	0.20	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	ug/L	0.28	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	ug/L	0.16	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	ug/L	0.18	1.0	U
75-01-4	Vinyl Chloride	1.0	ug/L	0.10	1.0	U
136777-61-2	Xylene, Meta + Para	2.0	ug/L	0.28	2.0	U
95-47-6	Xylene, Ortho	1.0	ug/L	0.14	1.0	U

System Monitoring Compound	Added (ug/L)	Conc. (ug/L)	% REC	QC Limits	Q
Dibromofluoromethane	40.0	40.0	100	88 - 116	
1,2-Dichloroethane-d4	40.0	42.9	107	87 - 123	
Toluene-d8	40.0	38.0	95	91 - 107	
4-Bromofluorobenzene	40.0	40.4	101	84 - 106	

METHOD BLANK DATA SHEET
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1100572-BLK2 File ID: BLK1228B2.D

Prepared: 12/28/10 20:00 Analyzed: 12/28/10 22:49

Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21014 Calibration: 0L28007 Instrument: 224

Internal Standard	Area	RT	Ref. Area	Ref. RT	Q
Fluorobenzene	421261	5.13	495489	5.13	
Chlorobenzene-d5	360239	8.08	453134	8.08	
1,4-Dichlorobenzene-d4	211153	10.38	273742	10.38	

METHOD BLANK DATA SHEET
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1100572-BLK3 File ID: BLK1229B.D

Prepared: 12/29/10 09:00 Analyzed: 12/29/10 12:52

Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21015 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Concentration	Unit	MDL	MRL	Q
67-64-1	Acetone	5.0	ug/L	2.1	5.0	U
71-43-2	Benzene	1.0	ug/L	0.18	1.0	U
108-86-1	Bromobenzene	1.0	ug/L	0.19	1.0	U
74-97-5	Bromochloromethane	1.0	ug/L	0.18	1.0	U
75-27-4	Bromodichloromethane	1.0	ug/L	0.13	1.0	U
75-25-2	Bromoform	1.0	ug/L	0.15	1.0	U
74-83-9	Bromomethane	1.0	ug/L	0.18	1.0	U
104-51-8	n-Butylbenzene	1.0	ug/L	0.18	1.0	U
135-98-8	sec-Butylbenzene	1.0	ug/L	0.18	1.0	U
98-06-6	tert-Butylbenzene	1.0	ug/L	0.15	1.0	U
56-23-5	Carbon Tetrachloride	1.0	ug/L	0.13	1.0	U
108-90-7	Chlorobenzene	1.0	ug/L	0.19	1.0	U
75-00-3	Chloroethane	1.0	ug/L	0.15	1.0	U
67-66-3	Chloroform	1.0	ug/L	0.17	1.0	U
74-87-3	Chloromethane	1.0	ug/L	0.16	1.0	U
95-49-8	2-Chlorotoluene	1.0	ug/L	0.16	1.0	U
106-43-4	4-Chlorotoluene	1.0	ug/L	0.12	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	ug/L	0.40	1.0	U
124-48-1	Dibromochloromethane	1.0	ug/L	0.14	1.0	U
106-93-4	1,2-Dibromoethane	1.0	ug/L	0.22	1.0	U
74-95-3	Dibromomethane	1.0	ug/L	0.23	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	ug/L	0.12	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	ug/L	0.13	1.0	U
106-46-7	1,4-Dichlorobenzene	0.19	ug/L	0.12	1.0	J
75-71-8	Dichlorodifluoromethane	1.0	ug/L	0.21	1.0	U
75-34-3	1,1-Dichloroethane	1.0	ug/L	0.13	1.0	U
107-06-2	1,2-Dichloroethane	1.0	ug/L	0.13	1.0	U
75-35-4	1,1-Dichloroethene	1.0	ug/L	0.13	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	ug/L	0.23	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	ug/L	0.20	1.0	U
78-87-5	1,2-Dichloropropane	1.0	ug/L	0.15	1.0	U
142-28-9	1,3-Dichloropropane	1.0	ug/L	0.14	1.0	U
594-20-7	2,2-Dichloropropane	1.0	ug/L	0.18	1.0	U
563-58-6	1,1-Dichloropropene	1.0	ug/L	0.25	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	ug/L	0.25	1.0	U

METHOD BLANK DATA SHEET
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1100572-BLK3 File ID: BLK1229B.D

Prepared: 12/29/10 09:00 Analyzed: 12/29/10 12:52

Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21015 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Concentration	Unit	MDL	MRL	Q
10061-02-6	trans-1,3-Dichloropropene	1.0	ug/L	0.23	1.0	U
100-41-4	Ethylbenzene	1.0	ug/L	0.14	1.0	U
87-68-3	Hexachlorobutadiene	1.0	ug/L	0.28	1.0	U
98-82-8	Isopropylbenzene	1.0	ug/L	0.15	1.0	U
99-87-6	4-Isopropyltoluene	1.0	ug/L	0.29	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1.0	ug/L	0.28	1.0	U
75-09-2	Methylene Chloride	1.0	ug/L	0.26	1.0	U
78-93-3	2-Butanone (MEK)	5.0	ug/L	0.55	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	ug/L	0.28	5.0	U
91-20-3	Naphthalene	5.0	ug/L	0.37	5.0	U
103-65-1	n-Propylbenzene	1.0	ug/L	0.15	1.0	U
100-42-5	Styrene	1.0	ug/L	0.11	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	ug/L	0.16	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	ug/L	0.070	1.0	U
127-18-4	Tetrachloroethene	1.0	ug/L	0.16	1.0	U
108-88-3	Toluene	1.0	ug/L	0.16	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	ug/L	0.18	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	ug/L	0.16	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	ug/L	0.19	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	ug/L	0.18	1.0	U
79-01-6	Trichloroethene	1.0	ug/L	0.092	1.0	U
75-69-4	Trichlorofluoromethane	1.0	ug/L	0.20	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	ug/L	0.28	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	ug/L	0.16	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	ug/L	0.18	1.0	U
75-01-4	Vinyl Chloride	1.0	ug/L	0.10	1.0	U
136777-61-2	Xylene, Meta + Para	2.0	ug/L	0.28	2.0	U
95-47-6	Xylene, Ortho	1.0	ug/L	0.14	1.0	U

System Monitoring Compound	Added (ug/L)	Conc. (ug/L)	% REC	QC Limits	Q
Dibromofluoromethane	40.0	39.6	99	88 - 116	
1,2-Dichloroethane-d4	40.0	42.6	106	87 - 123	
Toluene-d8	40.0	37.8	95	91 - 107	
4-Bromofluorobenzene	40.0	39.4	98	84 - 106	

QC BATCH SUMMARY
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
SDG: 1012332
Client: MWH Americas - Farmington Hills, MI
Project: GE - Patillas, Puerto Rico
QC Batch: 1100572
QC Batch Matrix: Water
Preparation: 5030B Aqueous Purge & Trap

Sample Name	Lab Sample ID	Date Prepared	Observations
P-16S	1012332-01	12/28/10 08:00	Quarterly GWM
P-7A	1012332-02	12/28/10 08:00	Quarterly GWM
P-15DD	1012332-03	12/28/10 08:00	Quarterly GWM
P-21S	1012332-04	12/28/10 08:00	Quarterly GWM
P-21D	1012332-05	12/28/10 08:00	Quarterly GWM
P-20D	1012332-06	12/28/10 08:00	Quarterly GWM
P-20S	1012332-07	12/28/10 08:00	Quarterly GWM
P-22S	1012332-08	12/28/10 08:00	Quarterly GWM
P-18S	1012332-09	12/28/10 08:00	Quarterly GWM
P-18D	1012332-10	12/28/10 08:00	Quarterly GWM
P-18D (Duplicate 2)	1012332-11	12/28/10 08:00	Quarterly GWM
P-17D	1012332-12	12/28/10 08:00	Quarterly GWM
P-19D	1012332-13	12/28/10 08:00	Quarterly GWM
P-19S	1012332-14	12/28/10 08:00	Quarterly GWM
P-8D	1012332-15	12/28/10 20:00	Quarterly GWM
P-8D	1012332-15RE1	12/29/10 09:00	Quarterly GWM
P-8D (Duplicate 1)	1012332-16	12/28/10 20:00	Quarterly GWM
P-8D (Duplicate 1)	1012332-16RE1	12/29/10 09:00	Quarterly GWM
P-7	1012332-17	12/28/10 08:00	Quarterly GWM
P-10A	1012332-18	12/29/10 09:00	Quarterly GWM
Trip Blank TM2606	1012332-19	12/28/10 20:00	Quarterly GWM
Blank	1100572-BLK1	12/28/10 08:00	
Blank	1100572-BLK2	12/28/10 20:00	
Blank	1100572-BLK3	12/29/10 09:00	
LCS	1100572-BS1	12/28/10 08:00	
LCS	1100572-BS2	12/28/10 20:00	
LCS	1100572-BS3	12/29/10 09:00	
P-18D	1100572-MS1	12/28/10 20:00	
P-18D	1100572-MSD1	12/28/10 20:00	

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.

Client: MWH Americas - Farmington Hills, MI

Lab Sample ID: 0L28023-TUN1

Injection Date: 12/23/10

Sequence: 0L28023

SDG: 1012332

Project: GE - Patillas, Puerto Rico

Lab File ID: BFB1223B.D

Injection Time: 11:13

Calibration: 0L28007

Instrument ID: 224

m/z	Ion Abundance Criteria	% Relative Abundance	
50	15 - 40% of 95	15.2	PASS
75	30 - 60% of 95	44.2	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	7.52	PASS
173	Less than 2% of 174	0.366	PASS
174	50 - 100% of 95	94.8	PASS
175	5 - 9% of 174	8.47	PASS
176	95 - 101% of 174	97.1	PASS
177	5 - 9% of 176	6.41	PASS

INITIAL CALIBRATION STANDARDS
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
Client: MWH Americas - Farmington Hills, MI
Sequence: 0L28023

SDG: 1012332
Project: GE - Patillas, Puerto Rico
Calibration: 0L28007
Instrument: 224

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
0100068	8260 Tune Working Standard 10-04-10	0L28023-TUN1	BFB1223B.D	12/23/10 11:13
0120296	1.0 UG/L B	0L28023-CAL1	1P1223B.D	12/23/10 11:47
0120297	5 UG/L B	0L28023-CAL2	5P1223B.D	12/23/10 12:23
0120298	10 UG/L B	0L28023-CAL3	10P1223B.D	12/23/10 13:00
0120299	20 UG/L B	0L28023-CAL4	20P1223B.D	12/23/10 13:37
0120300	40 UG/L B	0L28023-CAL5	40P1223B.D	12/23/10 14:13
0120301	100 UG/L B	0L28023-CAL6	100P1223B.D	12/23/10 14:50
0050439	AIX 5 UG/L	0L28023-CAL8	5A1223B.D	12/23/10 15:26
0120302	200 UG/L B	0L28023-CAL7	200P1223B.D	12/23/10 16:03
0050440	AIX 25 UG/L	0L28023-CAL9	25A1223B.D	12/23/10 16:39
0120293	40.0 UG/L A	0L28023-SCV1	SCV1223B.D	12/23/10 17:16
0050441	AIX 50 UG/L	0L28023-CALA	50A1223B.D	12/23/10 17:52
0050442	AIX 100 UG/L	0L28023-CALB	100A1223B.D	12/23/10 18:29
0050443	AIX 200 UG/L	0L28023-CALC	200A1223B.D	12/23/10 19:05
0050444	AIX 400 UG/L	0L28023-CALD	400A1223B.D	12/23/10 19:42
0120057	AIX SCV	0L28023-SCV2	SCVA1223B.D	12/23/10 20:19

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
SDG: 1012332
Client: MWH Americas - Farmington Hills, MI
Project: GE - Patillas, Puerto Rico
Lab Sample ID: 1A21012-TUN1
Lab File ID: BFB1228B.D
Injection Date: 12/28/10
Injection Time: 08:58
Sequence: 1A21012
Instrument ID: 224

m/z	Ion Abundance Criteria	% Relative Abundance	
50	15 - 40% of 95	15.2	PASS
75	30 - 60% of 95	48.4	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.8	PASS
173	Less than 2% of 174	0.433	PASS
174	50 - 100% of 95	95.1	PASS
175	5 - 9% of 174	7.59	PASS
176	95 - 101% of 174	95.5	PASS
177	5 - 9% of 176	6.51	PASS

ANALYSIS BATCH (SEQUENCE) SUMMARY
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
Client: MWH Americas - Farmington Hills, MI
Sequence: 1A21012

SDG: 1012332
Project: GE - Patillas, Puerto Rico
Calibration: 0L28007
Instrument: 224

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	1A21012-TUN1	BFB1228B.D	12/28/10 08:58
Calibration Check	1A21012-CCV1	CCV1228B.D	12/28/10 09:32
LCS	1100572-BS1	CCV1228B.D	12/28/10 09:32
Blank	1100572-BLK1	BLK1228B.D	12/28/10 10:42
P-16S	1012332-01	33201.D	12/28/10 11:19
P-7A	1012332-02	33202.D	12/28/10 11:56
P-17D	1012332-12	33212.D	12/28/10 12:32
P-19D	1012332-13	33213.D	12/28/10 13:09
P-19S	1012332-14	33214.D	12/28/10 13:46
P-7	1012332-17	33217.D	12/28/10 14:22
P-15DD	1012332-03	33203.D	12/28/10 14:59
P-21S	1012332-04	33204.D	12/28/10 15:36
P-21D	1012332-05	33205.D	12/28/10 16:12
P-20D	1012332-06	33206.D	12/28/10 16:49
P-20S	1012332-07	33207.D	12/28/10 17:26
P-22S	1012332-08	33208.D	12/28/10 18:02
P-18S	1012332-09	33209.D	12/28/10 18:39
P-18D	1012332-10	33210.D	12/28/10 19:15
P-18D (Duplicate 2)	1012332-11	33211.D	12/28/10 19:52

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
SDG: 1012332
Client: MWH Americas - Farmington Hills, MI
Project: GE - Patillas, Puerto Rico
Lab Sample ID: 1A21014-TUN1
Lab File ID: BFB1228B2.D
Injection Date: 12/28/10
Injection Time: 21:02
Sequence: 1A21014
Instrument ID: 224

m/z	Ion Abundance Criteria	% Relative Abundance	
50	15 - 40% of 95	15.9	PASS
75	30 - 60% of 95	46.4	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.48	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	81.4	PASS
175	5 - 9% of 174	7.04	PASS
176	95 - 101% of 174	96.7	PASS
177	5 - 9% of 176	6.44	PASS

ANALYSIS BATCH (SEQUENCE) SUMMARY
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
Client: MWH Americas - Farmington Hills, MI
Sequence: 1A21014

SDG: 1012332
Project: GE - Patillas, Puerto Rico
Calibration: 0L28007
Instrument: 224

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	1A21014-TUN1	BFB1228B2.D	12/28/10 21:02
Calibration Check	1A21014-CCV1	CCV1228B2.D	12/28/10 21:36
LCS	1100572-BS2	CCV1228B2.D	12/28/10 21:36
Blank	1100572-BLK2	BLK1228B2.D	12/28/10 22:49
Trip Blank TM2606	1012332-19	33219.D	12/28/10 23:26
P-8D	1012332-15	33215.D	12/29/10 00:03
P-8D (Duplicate 1)	1012332-16	33216.D	12/29/10 00:39
P-18D	1100572-MS1	33210S1.D	12/29/10 04:19
P-18D	1100572-MSD1	33210S2.D	12/29/10 04:55

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.

SDG: 1012332

Client: MWH Americas - Farmington Hills, MI

Project: GE - Patillas, Puerto Rico

Lab Sample ID: 1A21015-TUN1

Lab File ID: BFB1229B.D

Injection Date: 12/29/10

Injection Time: 11:05

Sequence: 1A21015

Instrument ID: 224

m/z	Ion Abundance Criteria	% Relative Abundance	
50	15 - 40% of 95	15.6	PASS
75	30 - 60% of 95	48.8	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.48	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	96.9	PASS
175	5 - 9% of 174	6.91	PASS
176	95 - 101% of 174	97.8	PASS
177	5 - 9% of 176	7.18	PASS

ANALYSIS BATCH (SEQUENCE) SUMMARY
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
Client: MWH Americas - Farmington Hills, MI
Sequence: 1A21015

SDG: 1012332
Project: GE - Patillas, Puerto Rico
Calibration: 0L28007
Instrument: 224

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	1A21015-TUN1	BFB1229B.D	12/29/10 11:05
Calibration Check	1A21015-CCV1	CCV1229B.D	12/29/10 11:39
LCS	1100572-BS3	CCV1229B.D	12/29/10 11:39
Blank	1100572-BLK3	BLK1229B.D	12/29/10 12:52
P-8D	1012332-15RE1	33215A.D	12/29/10 13:29
P-8D (Duplicate 1)	1012332-16RE1	33216A.D	12/29/10 14:06
P-10A	1012332-18	33218A.D	12/29/10 14:43

INTERNAL STANDARD AREA AND RT SUMMARY
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
SDG: 1012332
Client: MWH Americas - Farmington Hills, MI
Project: GE - Patillas, Puerto Rico
Matrix: Water
Calibration: 0L28007
Sequence: 1A21012
Instrument: 224

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
LCS (1100572-BS1)			**Lab File ID: CCV1228B.D**			**Analyzed: 12/28/10 09:32**			
Fluorobenzene	459624	5.13	495489	5.13	93	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	397861	8.08	453134	8.08	88	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	237279	10.38	273742	10.38	87	50 - 200	0.0000	+/-0.50	
Calibration Check (1A21012-CCV1)			**Lab File ID: CCV1228B.D**			**Analyzed: 12/28/10 09:32**			
Fluorobenzene	459624	5.13	495489	5.13	93	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	397861	8.08	453134	8.08	88	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	237279	10.38	273742	10.38	87	50 - 200	0.0000	+/-0.50	
Blank (1100572-BLK1)			**Lab File ID: BLK1228B.D**			**Analyzed: 12/28/10 10:42**			
Fluorobenzene	443109	5.13	495489	5.13	89	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	377732	8.08	453134	8.08	83	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	223416	10.38	273742	10.38	82	50 - 200	0.0000	+/-0.50	
P-16S (1012332-01)			**Lab File ID: 33201.D**			**Analyzed: 12/28/10 11:19**			
Fluorobenzene	448724	5.13	495489	5.13	91	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	380425	8.08	453134	8.08	84	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	224999	10.38	273742	10.38	82	50 - 200	0.0000	+/-0.50	
P-7A (1012332-02)			**Lab File ID: 33202.D**			**Analyzed: 12/28/10 11:56**			
Fluorobenzene	434067	5.13	495489	5.13	88	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	367826	8.08	453134	8.08	81	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	219541	10.38	273742	10.38	80	50 - 200	0.0000	+/-0.50	
P-17D (1012332-12)			**Lab File ID: 33212.D**			**Analyzed: 12/28/10 12:32**			
Fluorobenzene	443696	5.13	495489	5.13	90	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	377296	8.08	453134	8.08	83	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	223863	10.38	273742	10.38	82	50 - 200	0.0000	+/-0.50	
P-19D (1012332-13)			**Lab File ID: 33213.D**			**Analyzed: 12/28/10 13:09**			
Fluorobenzene	434956	5.13	495489	5.13	88	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	372894	8.08	453134	8.08	82	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	222659	10.38	273742	10.38	81	50 - 200	0.0000	+/-0.50	
P-19S (1012332-14)			**Lab File ID: 33214.D**			**Analyzed: 12/28/10 13:46**			
Fluorobenzene	435259	5.13	495489	5.13	88	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	372084	8.08	453134	8.08	82	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	218608	10.38	273742	10.38	80	50 - 200	0.0000	+/-0.50	
P-7 (1012332-17)			**Lab File ID: 33217.D**			**Analyzed: 12/28/10 14:22**			
Fluorobenzene	433647	5.13	495489	5.13	88	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	369242	8.08	453134	8.08	81	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	218619	10.38	273742	10.38	80	50 - 200	0.0000	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
SDG: 1012332
Client: MWH Americas - Farmington Hills, MI
Project: GE - Patillas, Puerto Rico
Matrix: Water
Calibration: 0L28007
Sequence: 1A21012
Instrument: 224

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
P-15DD (1012332-03)			**Lab File ID: 33203.D**			**Analyzed: 12/28/10 14:59**			
Fluorobenzene	433818	5.13	495489	5.13	88	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	367594	8.08	453134	8.08	81	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	215526	10.38	273742	10.38	79	50 - 200	0.0000	+/-0.50	
P-21S (1012332-04)			**Lab File ID: 33204.D**			**Analyzed: 12/28/10 15:36**			
Fluorobenzene	427447	5.13	495489	5.13	86	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	367242	8.08	453134	8.08	81	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	214903	10.38	273742	10.38	79	50 - 200	0.0000	+/-0.50	
P-21D (1012332-05)			**Lab File ID: 33205.D**			**Analyzed: 12/28/10 16:12**			
Fluorobenzene	430498	5.13	495489	5.13	87	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	366530	8.08	453134	8.08	81	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	219034	10.38	273742	10.38	80	50 - 200	0.0000	+/-0.50	
P-20D (1012332-06)			**Lab File ID: 33206.D**			**Analyzed: 12/28/10 16:49**			
Fluorobenzene	421896	5.13	495489	5.13	85	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	355555	8.08	453134	8.08	78	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	210084	10.38	273742	10.38	77	50 - 200	0.0000	+/-0.50	
P-20S (1012332-07)			**Lab File ID: 33207.D**			**Analyzed: 12/28/10 17:26**			
Fluorobenzene	423187	5.13	495489	5.13	85	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	362866	8.08	453134	8.08	80	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	215036	10.38	273742	10.38	79	50 - 200	0.0000	+/-0.50	
P-22S (1012332-08)			**Lab File ID: 33208.D**			**Analyzed: 12/28/10 18:02**			
Fluorobenzene	427745	5.13	495489	5.13	86	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	363556	8.08	453134	8.08	80	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	217726	10.38	273742	10.38	80	50 - 200	0.0000	+/-0.50	
P-18S (1012332-09)			**Lab File ID: 33209.D**			**Analyzed: 12/28/10 18:39**			
Fluorobenzene	421466	5.13	495489	5.13	85	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	358995	8.08	453134	8.08	79	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	210240	10.38	273742	10.38	77	50 - 200	0.0000	+/-0.50	
P-18D (1012332-10)			**Lab File ID: 33210.D**			**Analyzed: 12/28/10 19:15**			
Fluorobenzene	419659	5.13	495489	5.13	85	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	352880	8.08	453134	8.08	78	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	210190	10.38	273742	10.38	77	50 - 200	0.0000	+/-0.50	
P-18D (Duplicate 2) (1012332-11)			**Lab File ID: 33211.D**			**Analyzed: 12/28/10 19:52**			
Fluorobenzene	419725	5.13	495489	5.13	85	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	355616	8.08	453134	8.08	78	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	207728	10.38	273742	10.38	76	50 - 200	0.0000	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
SDG: 1012332
Client: MWH Americas - Farmington Hills, MI
Project: GE - Patillas, Puerto Rico
Matrix: Water
Calibration: 0L28007
Sequence: 1A21014
Instrument: 224

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
LCS (1100572-BS2)			**Lab File ID: CCV1228B2.D**			**Analyzed: 12/28/10 21:36**			
Fluorobenzene	423659	5.13	495489	5.13	86	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	369874	8.08	453134	8.08	82	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	221277	10.38	273742	10.38	81	50 - 200	0.0000	+/-0.50	
Calibration Check (1A21014-CCV1)			**Lab File ID: CCV1228B2.D**			**Analyzed: 12/28/10 21:36**			
Fluorobenzene	423659	5.13	495489	5.13	86	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	369874	8.08	453134	8.08	82	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	221277	10.38	273742	10.38	81	50 - 200	0.0000	+/-0.50	
Blank (1100572-BLK2)			**Lab File ID: BLK1228B2.D**			**Analyzed: 12/28/10 22:49**			
Fluorobenzene	421261	5.13	495489	5.13	85	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	360239	8.08	453134	8.08	79	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	211153	10.38	273742	10.38	77	50 - 200	0.0000	+/-0.50	
Trip Blank TM2606 (1012332-19)			**Lab File ID: 33219.D**			**Analyzed: 12/28/10 23:26**			
Fluorobenzene	422856	5.13	495489	5.13	85	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	358097	8.08	453134	8.08	79	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	213212	10.38	273742	10.38	78	50 - 200	0.0000	+/-0.50	
P-8D (1012332-15)			**Lab File ID: 33215.D**			**Analyzed: 12/29/10 00:03**			
Fluorobenzene	420477	5.13	495489	5.13	85	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	352688	8.08	453134	8.08	78	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	209320	10.38	273742	10.38	76	50 - 200	0.0000	+/-0.50	
P-8D (Duplicate 1) (1012332-16)			**Lab File ID: 33216.D**			**Analyzed: 12/29/10 00:39**			
Fluorobenzene	424515	5.13	495489	5.13	86	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	358951	8.08	453134	8.08	79	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	216642	10.38	273742	10.38	79	50 - 200	0.0000	+/-0.50	
Matrix Spike (1100572-MS1)			**Lab File ID: 33210S1.D**			**Analyzed: 12/29/10 04:19**			
Fluorobenzene	421350	5.13	495489	5.13	85	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	363173	8.08	453134	8.08	80	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	219438	10.38	273742	10.38	80	50 - 200	0.0000	+/-0.50	
Matrix Spike Dup (1100572-MSD1)			**Lab File ID: 33210S2.D**			**Analyzed: 12/29/10 04:55**			
Fluorobenzene	422623	5.13	495489	5.13	85	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	360514	8.08	453134	8.08	80	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	219192	10.38	273742	10.38	80	50 - 200	0.0000	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
SDG: 1012332
Client: MWH Americas - Farmington Hills, MI
Project: GE - Patillas, Puerto Rico
Matrix: Water
Calibration: 0L28007
Sequence: 1A21015
Instrument: 224

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
LCS (1100572-BS3)			**Lab File ID: CCV1229B.D**			**Analyzed: 12/29/10 11:39**			
Fluorobenzene	409362	5.13	495489	5.13	83	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	360570	8.08	453134	8.08	80	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	213514	10.38	273742	10.38	78	50 - 200	0.0000	+/-0.50	
Calibration Check (1A21015-CCV1)			**Lab File ID: CCV1229B.D**			**Analyzed: 12/29/10 11:39**			
Fluorobenzene	409362	5.13	495489	5.13	83	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	360570	8.08	453134	8.08	80	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	213514	10.38	273742	10.38	78	50 - 200	0.0000	+/-0.50	
Blank (1100572-BLK3)			**Lab File ID: BLK1229B.D**			**Analyzed: 12/29/10 12:52**			
Fluorobenzene	403054	5.13	495489	5.13	81	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	347774	8.08	453134	8.08	77	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	207895	10.38	273742	10.38	76	50 - 200	0.0000	+/-0.50	
P-8D (1012332-15RE1)			**Lab File ID: 33215A.D**			**Analyzed: 12/29/10 13:29**			
Fluorobenzene	404022	5.13	495489	5.13	82	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	348261	8.08	453134	8.08	77	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	208844	10.38	273742	10.38	76	50 - 200	0.0000	+/-0.50	
P-8D (Duplicate 1) (1012332-16RE1)			**Lab File ID: 33216A.D**			**Analyzed: 12/29/10 14:06**			
Fluorobenzene	399031	5.13	495489	5.13	81	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	344166	8.08	453134	8.08	76	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	207347	10.38	273742	10.38	76	50 - 200	0.0000	+/-0.50	
P-10A (1012332-18)			**Lab File ID: 33218A.D**			**Analyzed: 12/29/10 14:43**			
Fluorobenzene	392843	5.13	495489	5.13	79	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	342706	8.08	453134	8.08	76	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	205204	10.38	273742	10.38	75	50 - 200	0.0000	+/-0.50	

HOLDING TIME SUMMARY
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Method: Volatile Organic Compounds by EPA Method 8260B

Sample Name	Date Collected	Date Received	Date Leached	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
P-16S	12/15/10	12/21/10		12/28/10	13	NA	12/28/10	13	14	
P-7A	12/16/10	12/21/10		12/28/10	12	NA	12/28/10	12	14	
P-15DD	12/16/10	12/21/10		12/28/10	12	NA	12/28/10	12	14	
P-21S	12/16/10	12/21/10		12/28/10	12	NA	12/28/10	12	14	
P-21D	12/16/10	12/21/10		12/28/10	12	NA	12/28/10	12	14	
P-20D	12/16/10	12/21/10		12/28/10	12	NA	12/28/10	12	14	
P-20S	12/16/10	12/21/10		12/28/10	12	NA	12/28/10	12	14	
P-22S	12/16/10	12/21/10		12/28/10	12	NA	12/28/10	12	14	
P-18S	12/17/10	12/21/10		12/28/10	11	NA	12/28/10	11	14	
P-18D	12/17/10	12/21/10		12/28/10	11	NA	12/28/10	11	14	
P-18D (Duplicate 2)	12/17/10	12/21/10		12/28/10	11	NA	12/28/10	11	14	
P-17D	12/17/10	12/21/10		12/28/10	11	NA	12/28/10	11	14	
P-19D	12/17/10	12/21/10		12/28/10	11	NA	12/28/10	11	14	
P-19S	12/17/10	12/21/10		12/28/10	11	NA	12/28/10	11	14	
P-8D	12/17/10	12/21/10		12/28/10	11	NA	12/29/10	11	14	
P-8D	12/17/10	12/21/10		12/29/10	12	NA	12/29/10	12	14	
P-8D (Duplicate 1)	12/17/10	12/21/10		12/28/10	11	NA	12/29/10	11	14	
P-8D (Duplicate 1)	12/17/10	12/21/10		12/29/10	12	NA	12/29/10	12	14	
P-7	12/20/10	12/21/10		12/28/10	8	NA	12/28/10	8	14	
P-10A	12/20/10	12/21/10		12/29/10	9	NA	12/29/10	9	14	
Trip Blank TM2606	12/20/10	12/21/10		12/28/10	9	NA	12/28/10	9	14	

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-16S

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-01 File ID: 33201.D

Sampled: 12/15/10 15:20 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 11:19

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
67-64-1	Acetone	1	2.6	2.1	5.0	J
71-43-2	Benzene	1	1.0	0.18	1.0	U
108-86-1	Bromobenzene	1	1.0	0.19	1.0	U
74-97-5	Bromochloromethane	1	1.0	0.18	1.0	U
75-27-4	Bromodichloromethane	1	1.0	0.13	1.0	U
75-25-2	Bromoform	1	1.0	0.15	1.0	U
74-83-9	Bromomethane	1	1.0	0.18	1.0	U
104-51-8	n-Butylbenzene	1	1.0	0.18	1.0	U
135-98-8	sec-Butylbenzene	1	1.0	0.18	1.0	U
98-06-6	tert-Butylbenzene	1	1.0	0.15	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	0.13	1.0	U
108-90-7	Chlorobenzene	1	1.0	0.19	1.0	U
75-00-3	Chloroethane	1	1.0	0.15	1.0	U
67-66-3	Chloroform	1	1.0	0.17	1.0	U
74-87-3	Chloromethane	1	1.0	0.16	1.0	U
95-49-8	2-Chlorotoluene	1	1.0	0.16	1.0	U
106-43-4	4-Chlorotoluene	1	1.0	0.12	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	0.40	1.0	U
124-48-1	Dibromochloromethane	1	1.0	0.14	1.0	U
106-93-4	1,2-Dibromoethane	1	1.0	0.22	1.0	U
74-95-3	Dibromomethane	1	1.0	0.23	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	0.12	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	0.13	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	0.12	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	0.21	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	0.13	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	0.13	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	0.13	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	0.23	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	0.20	1.0	U
78-87-5	1,2-Dichloropropane	1	1.0	0.15	1.0	U
142-28-9	1,3-Dichloropropane	1	1.0	0.14	1.0	U
594-20-7	2,2-Dichloropropane	1	1.0	0.18	1.0	U

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-16S

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-01 File ID: 33201.D

Sampled: 12/15/10 15:20 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 11:19

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
563-58-6	1,1-Dichloropropene	1	1.0	0.25	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	0.25	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	0.23	1.0	U
100-41-4	Ethylbenzene	1	1.0	0.14	1.0	U
87-68-3	Hexachlorobutadiene	1	1.0	0.28	1.0	U
98-82-8	Isopropylbenzene	1	1.0	0.15	1.0	U
99-87-6	4-Isopropyltoluene	1	1.0	0.29	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	0.28	1.0	U
75-09-2	Methylene Chloride	1	1.0	0.26	1.0	U
78-93-3	2-Butanone (MEK)	1	5.0	0.55	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	0.28	5.0	U
91-20-3	Naphthalene	1	5.0	0.37	5.0	U
103-65-1	n-Propylbenzene	1	1.0	0.15	1.0	U
100-42-5	Styrene	1	1.0	0.11	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1	1.0	0.16	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	0.070	1.0	U
127-18-4	Tetrachloroethene	1	1.0	0.16	1.0	U
108-88-3	Toluene	1	1.0	0.16	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1	1.0	0.18	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	0.16	1.0	U
71-55-6	1,1,1-Trichloroethane	1	1.0	0.19	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	0.18	1.0	U
79-01-6	Trichloroethene	1	1.0	0.092	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	0.20	1.0	U
96-18-4	1,2,3-Trichloropropane	1	1.0	0.28	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1	1.0	0.16	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1	1.0	0.18	1.0	U
75-01-4	Vinyl Chloride	1	1.0	0.10	1.0	U
136777-61-2	Xylene, Meta + Para	1	2.0	0.28	2.0	U
95-47-6	Xylene, Ortho	1	1.0	0.14	1.0	U

System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
Dibromofluoromethane	40.0	40.0	100	88 - 116	

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-16S

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-01 File ID: 33201.D

Sampled: 12/15/10 15:20 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 11:19

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

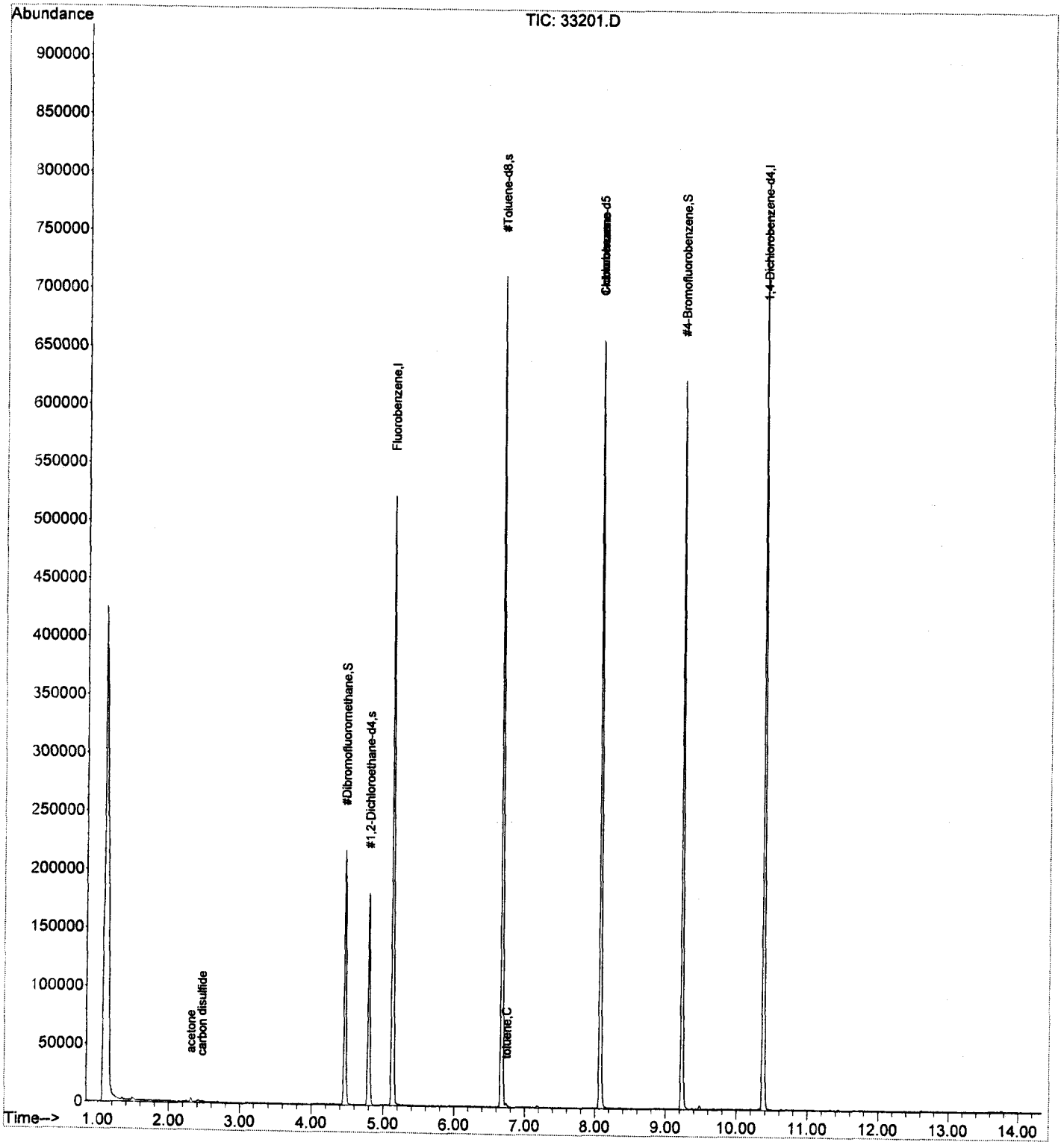
System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
1,2-Dichloroethane-d4	40.0	41.0	102	87 - 123	
Toluene-d8	40.0	37.8	94	91 - 107	
4-Bromofluorobenzene	40.0	39.8	99	84 - 106	

Internal Standard	Area	RT	Ref. Area	Ref. RT	Q
Fluorobenzene	448724	5.13	495489	5.13	
Chlorobenzene-d5	380425	8.08	453134	8.08	
1,4-Dichlorobenzene-d4	224999	10.38	273742	10.38	

* Values outside of QC limits

Data Path : C:\MSDCHEM\1\DATA\12-28-10\
InstName : 224
Data File : 33201.D
Acq On : 28 Dec 2010 11:19
Operator : DLV
Sample : 1012332-01
Misc : MWH
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 28 11:33:53 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration



Data Path : C:\MSDCHEM\1\DATA\12-28-10\
InstName : 224
Data File : 33201.D
Acq On : 28 Dec 2010 11:19
Operator : DLV
Sample : 1012332-01
Misc : MWH
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 28 11:33:53 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

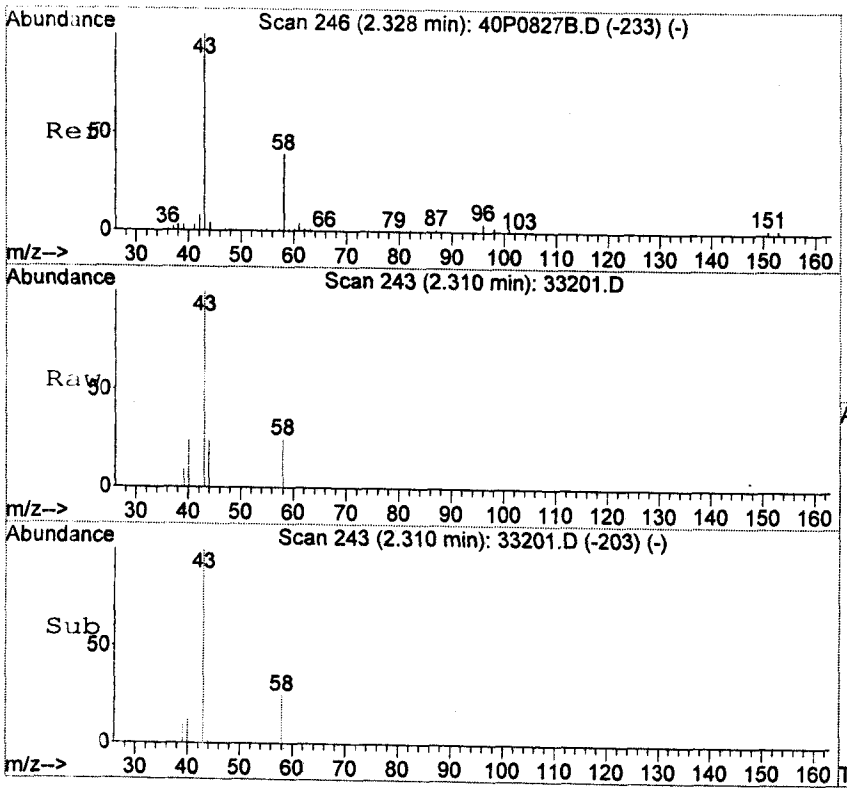
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	448724	40.00 ug/L	0.00 90.56%
50) Chlorobenzene-d5	8.08	117	380425	40.00 ug/L	0.00 83.95%
65) 1,4-Dichlorobenzene-d4	10.38	152	224999	40.00 ug/L	0.00 82.19%
System Monitoring Compounds					
30) #Dibromofluoromethane	4.47	111	118718	40.03 ug/L	0.00
Spiked Amount 40.000			Recovery =	100.08%	
37) #1,2-Dichloroethane-d4	4.80	65	120160	40.99 ug/L	0.00
Spiked Amount 40.000			Recovery =	102.48%	
46) #Toluene-d8	6.67	98	443210	37.79 ug/L	0.00
Spiked Amount 40.000			Recovery =	94.47%	
64) #4-Bromofluorobenzene	9.23	95	181403	39.77 ug/L	0.00
Spiked Amount 40.000			Recovery =	99.43%	
Target Compounds					Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.	
3) chloromethane	0.00	50	0	N.D.	
4) vinyl chloride	0.00	62	0	N.D.	
5) dichlorofluoromethane	0.00	67	0	N.D.	
6) bromomethane	0.00	94	0	N.D.	
7) chloroethane	0.00	64	0	N.D.	
8) trichlorofluoromethane	0.00	101	0	N.D.	
9) acrolein	0.00	56	0	N.D.	
10) ethyl ether	0.00	74	0	N.D.	
11) acrylonitrile	0.00	53	0	N.D.	
12) 1,1,2-trichloro-1,2,2-tr	0.00	101	0	N.D.	
13) 1,1-dichloroethene	0.00	96	0	N.D.	
14) iodomethane	0.00	142	0	N.D.	
15) acetone	2.31	43	3830	2.65 ug/L #	42
16) methyl acetate	0.00	43	0	N.D.	
17) carbon disulfide	2.47	76	1675	< 0.18 ug/L #	75
18) methylene chloride	0.00	49	0	N.D.	
19) trans-1,2-dichloroethene	0.00	96	0	N.D.	
20) methyl (tert) butyl ethe	0.00	73	0	N.D.	
21) 1,1-dichloroethane	0.00	63	0	N.D.	
22) vinyl acetate	0.00	43	0	N.D.	
23) 2,2-dichloropropane	0.00	77	0	N.D.	
24) cis-1,2-dichloroethene	0.00	96	0	N.D.	
25) 2-butanone (MEK)	0.00	43	0	N.D.	
26) bromochloromethane	0.00	49	0	N.D.	
27) chloroform	0.00	83	0	N.D.	
28) tetrahydrofuran	0.00	71	0	N.D.	
29) 1,1,1-trichloroethane	0.00	97	0	N.D.	
31) carbon tetrachloride	0.00	117	0	N.D.	
32) 1,1-dichloropropene	0.00	75	0	N.D.	
33) cyclohexane	0.00	56	0	N.D.	
34) benzene	0.00	78	0	N.D.	
35) 1,2-dichloroethane	0.00	62	0	N.D.	
36) heptane	5.13	57	11884	No Calib #	

Data Path : C:\MSDCHEM\1\DATA\12-28-10\
InstName : 224
Data File : 33201.D
Acq On : 28 Dec 2010 11:19
Operator : DLV
Sample : 1012332-01
Misc : MWH
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 28 11:33:53 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
38) trichloroethene	0.00	130	0	N.D.	
39) 1,2-dichloropropane	0.00	63	0	N.D.	
40) dibromomethane	0.00	93	0	N.D.	
41) bromodichloromethane	0.00	83	0	N.D.	
42) methylcyclohexane	0.00	83	0	N.D.	
43) 2-chloroethyl vinyl ethe	0.00	63	0	N.D.	
44) cis-1,3-dichloropropene	0.00	75	0	N.D.	
45) 4-methyl-2-pentanone (MI	0.00	43	0	N.D.	
47) toluene	6.75	91	1555	0.07 ug/L #	20
48) trans-1,3-dichloropropen	0.00	75	0	N.D.	
49) 1,1,2-trichloroethane	0.00	83	0	N.D.	
51) tetrachloroethene	0.00	166	0	N.D.	
52) 1,3-dichloropropane	0.00	76	0	N.D.	
53) 2-hexanone (MBK)	0.00	43	0	N.D.	
54) dibromochloromethane	0.00	129	0	N.D.	
55) 1,2-dibromoethane	0.00	109	0	N.D.	
56) chlorobenzene	0.00	112	0	N.D.	
57) 1,1,1,2-tetrachloroethan	0.00	131	0	N.D.	
58) 1-chlorohexane	8.08	55	2906	0.11 ug/L #	1
59) ethylbenzene	0.00	91	0	N.D.	
60) m+p-xylene	0.00	106	0	N.D.	
61) o-xylene	0.00	106	0	N.D.	
62) styrene	0.00	104	0	N.D.	
63) bromoform	0.00	173	0	N.D.	
66) isopropylbenzene	0.00	105	0	N.D.	
67) bromobenzene	0.00	77	0	N.D.	
68) 1,1,2,2-tetrachloroethan	0.00	83	0	N.D.	
69) 1,4-dichloro-2-butene	0.00	53	0	N.D.	
70) 1,2,3-trichloropropane	0.00	75	0	N.D.	
71) n-propylbenzene	0.00	120	0	N.D.	
72) 2-chlorotoluene	0.00	126	0	N.D.	
73) 1,3,5-trimethylbenzene	0.00	105	0	N.D.	
74) 4-chlorotoluene	0.00	126	0	N.D.	
75) tert-butylbenzene	0.00	119	0	N.D.	
76) 1,2,4-trimethylbenzene	0.00	105	0	N.D.	
77) sec-butylbenzene	0.00	105	0	N.D.	
78) 4-isopropyltoluene	0.00	119	0	N.D.	
79) 1,3-dichlorobenzene	0.00	146	0	N.D.	
80) 1,4-dichlorobenzene	0.00	146	0	N.D.	
81) 1,2-dichlorobenzene	0.00	146	0	N.D.	
82) n-butylbenzene	0.00	91	0	N.D.	
83) 1,2-dibromo-3-chloroprop	0.00	157	0	N.D.	
84) hexachloroethane	0.00	201	0	N.D.	
85) 1,2,4-trichlorobenzene	0.00	180	0	N.D.	
86) hexachlorobutadiene	0.00	225	0	N.D.	
87) naphthalene	0.00	128	0	N.D.	
88) 1,2,3-trichlorobenzene	0.00	180	0	N.D.	
89) 2-methylnaphthalene	0.00	142	0	N.D.	

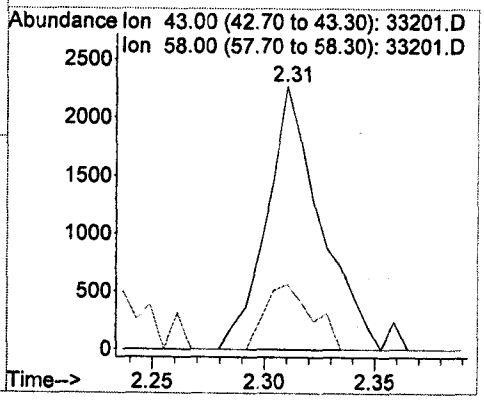
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#15
acetone
Concen: 2.65 ug/L
RT: 2.31 min Scan# 243
Delta R.T. -0.01 min
Lab File: 33201.D
Acq: 28 Dec 2010 11:19

Tgt Ion: 43 Resp: 3830

Ion	Ratio	Lower	Upper
43	100		
58	0.0	12.3	52.3#



33201.D 8260B-B67.M Acq :28 Dec 2010 11:19
Sample = 1012332-01 Misc = MWH

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-7A

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-02 File ID: 33202.D

Sampled: 12/16/10 08:35 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 11:56

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
67-64-1	Acetone	1	3.3	2.1	5.0	J
71-43-2	Benzene	1	1.0	0.18	1.0	U
108-86-1	Bromobenzene	1	1.0	0.19	1.0	U
74-97-5	Bromochloromethane	1	1.0	0.18	1.0	U
75-27-4	Bromodichloromethane	1	1.0	0.13	1.0	U
75-25-2	Bromoform	1	1.0	0.15	1.0	U
74-83-9	Bromomethane	1	1.0	0.18	1.0	U
104-51-8	n-Butylbenzene	1	1.0	0.18	1.0	U
135-98-8	sec-Butylbenzene	1	1.0	0.18	1.0	U
98-06-6	tert-Butylbenzene	1	1.0	0.15	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	0.13	1.0	U
108-90-7	Chlorobenzene	1	1.0	0.19	1.0	U
75-00-3	Chloroethane	1	1.0	0.15	1.0	U
67-66-3	Chloroform	1	1.0	0.17	1.0	U
74-87-3	Chloromethane	1	1.0	0.16	1.0	U
95-49-8	2-Chlorotoluene	1	1.0	0.16	1.0	U
106-43-4	4-Chlorotoluene	1	1.0	0.12	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	0.40	1.0	U
124-48-1	Dibromochloromethane	1	1.0	0.14	1.0	U
106-93-4	1,2-Dibromoethane	1	1.0	0.22	1.0	U
74-95-3	Dibromomethane	1	1.0	0.23	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	0.12	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	0.13	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	0.12	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	0.21	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	0.13	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	0.13	1.0	U
75-35-4	1,1-Dichloroethene	1	0.81	0.13	1.0	J
156-59-2	cis-1,2-Dichloroethene	1	1.0	0.23	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	0.20	1.0	U
78-87-5	1,2-Dichloropropane	1	1.0	0.15	1.0	U
142-28-9	1,3-Dichloropropane	1	1.0	0.14	1.0	U
594-20-7	2,2-Dichloropropane	1	1.0	0.18	1.0	U

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-7A

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-02 File ID: 33202.D

Sampled: 12/16/10 08:35 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 11:56

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
563-58-6	1,1-Dichloropropene	1	1.0	0.25	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	0.25	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	0.23	1.0	U
100-41-4	Ethylbenzene	1	1.0	0.14	1.0	U
87-68-3	Hexachlorobutadiene	1	1.0	0.28	1.0	U
98-82-8	Isopropylbenzene	1	1.0	0.15	1.0	U
99-87-6	4-Isopropyltoluene	1	1.0	0.29	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	0.28	1.0	U
75-09-2	Methylene Chloride	1	1.0	0.26	1.0	U
78-93-3	2-Butanone (MEK)	1	5.0	0.55	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	0.28	5.0	U
91-20-3	Naphthalene	1	5.0	0.37	5.0	U
103-65-1	n-Propylbenzene	1	1.0	0.15	1.0	U
100-42-5	Styrene	1	1.0	0.11	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1	1.0	0.16	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	0.070	1.0	U
127-18-4	Tetrachloroethene	1	1.0	0.16	1.0	U
108-88-3	Toluene	1	1.0	0.16	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1	1.0	0.18	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	0.16	1.0	U
71-55-6	1,1,1-Trichloroethane	1	1.0	0.19	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	0.18	1.0	U
79-01-6	Trichloroethene	1	1.0	0.092	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	0.20	1.0	U
96-18-4	1,2,3-Trichloropropane	1	1.0	0.28	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1	1.0	0.16	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1	1.0	0.18	1.0	U
75-01-4	Vinyl Chloride	1	1.0	0.10	1.0	U
136777-61-2	Xylene, Meta + Para	1	2.0	0.28	2.0	U
95-47-6	Xylene, Ortho	1	1.0	0.14	1.0	U

System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
Dibromofluoromethane	40.0	39.4	98	88 - 116	

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-7A

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-02 File ID: 33202.D

Sampled: 12/16/10 08:35 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 11:56

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

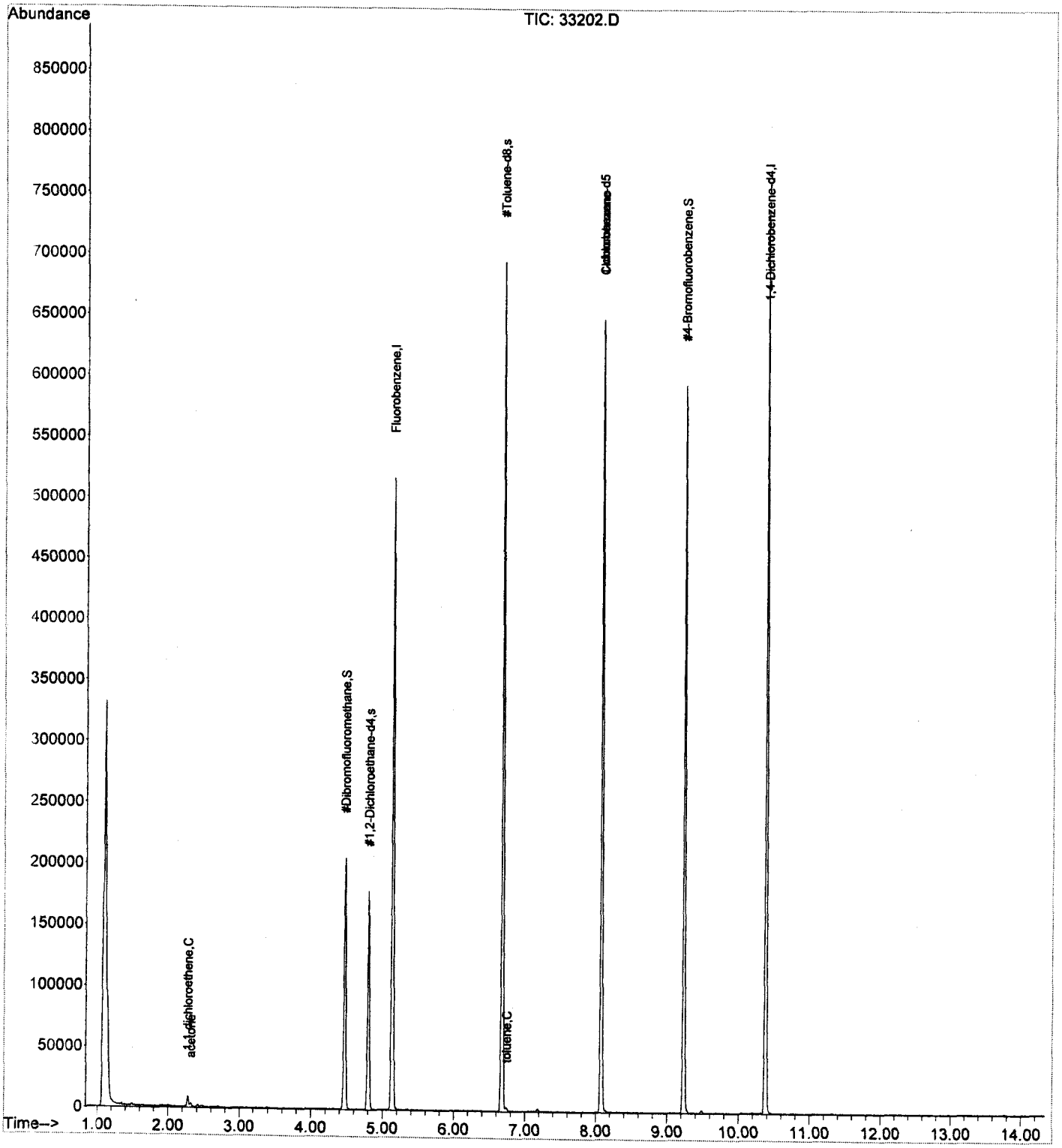
System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
1,2-Dichloroethane-d4	40.0	42.2	105	87 - 123	
Toluene-d8	40.0	37.8	94	91 - 107	
4-Bromofluorobenzene	40.0	39.0	98	84 - 106	

Internal Standard	Area	RT	Ref. Area	Ref. RT	Q
Fluorobenzene	434067	5.13	495489	5.13	
Chlorobenzene-d5	367826	8.08	453134	8.08	
1,4-Dichlorobenzene-d4	219541	10.38	273742	10.38	

* Values outside of QC limits

Data Path : C:\MSDCHEM\1\DATA\12-28-10\
InstName : 224
Data File : 33202.D
Acq On : 28 Dec 2010 11:56
Operator : DLV
Sample : 1012332-02
Misc : MWH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 28 12:10:39 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration



Data Path : C:\MSDCHEM\1\DATA\12-28-10\
InstName : 224
Data File : 33202.D
Acq On : 28 Dec 2010 11:56
Operator : DLV
Sample : 1012332-02
Misc : MWH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 28 12:10:39 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

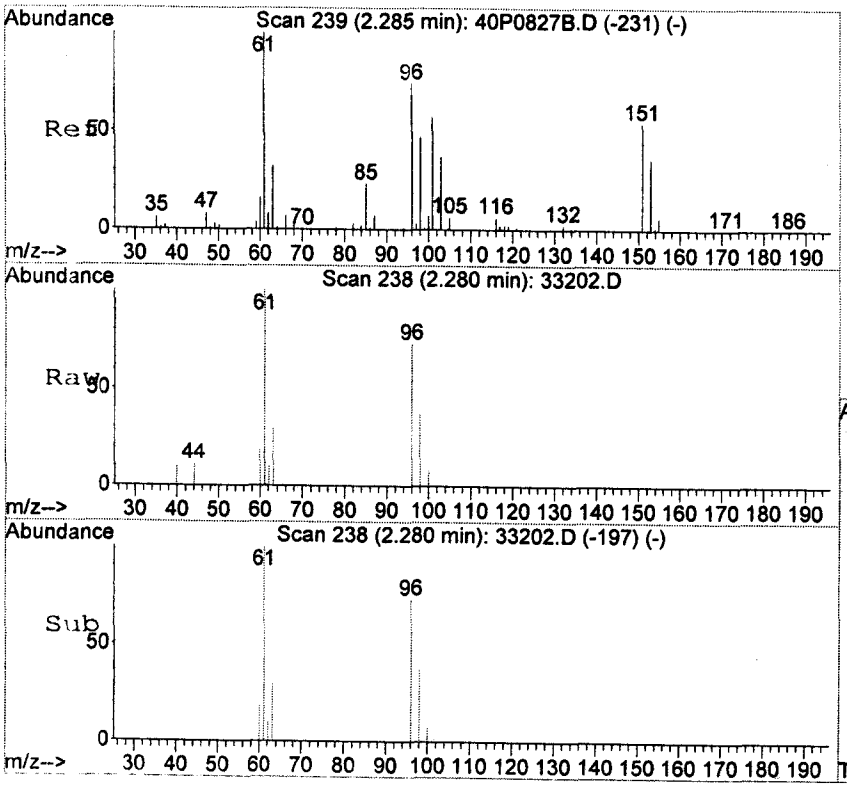
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	434067	40.00 ug/L	0.00
50) Chlorobenzene-d5	8.08	117	367826	40.00 ug/L	87.60% 0.00
65) 1,4-Dichlorobenzene-d4	10.38	152	219541	40.00 ug/L	81.17% 0.00
					80.20%
System Monitoring Compounds					
30) #Dibromofluoromethane	4.47	111	112963	39.38 ug/L	0.00
Spiked Amount 40.000			Recovery =	98.45%	
37) #1,2-Dichloroethane-d4	4.80	65	119517	42.15 ug/L	0.00
Spiked Amount 40.000			Recovery =	105.38%	
46) #Toluene-d8	6.67	98	428239	37.75 ug/L	0.00
Spiked Amount 40.000			Recovery =	94.38%	
64) #4-Bromofluorobenzene	9.23	95	172189	39.04 ug/L	0.00
Spiked Amount 40.000			Recovery =	97.60%	
Target Compounds					Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.	
3) chloromethane	0.00	50	0	N.D.	
4) vinyl chloride	0.00	62	0	N.D.	
5) dichlorofluoromethane	0.00	67	0	N.D.	
6) bromomethane	0.00	94	0	N.D.	
7) chloroethane	0.00	64	0	N.D.	
8) trichlorofluoromethane	0.00	101	0	N.D.	
9) acrolein	0.00	56	0	N.D.	
10) ethyl ether	0.00	74	0	N.D.	
11) acrylonitrile	0.00	53	0	N.D.	
12) 1,1,2-trichloro-1,2,2-tr	0.00	101	0	N.D.	
13) 1,1-dichloroethene	2.28	96	3250	0.81 ug/L #	79
14) iodomethane	0.00	142	0	N.D.	
15) acetone	2.31	43	4216	3.31 ug/L #	42
16) methyl acetate	0.00	43	0	N.D.	
17) carbon disulfide	0.00	76	0	N.D.	
18) methylene chloride	0.00	49	0	N.D.	
19) trans-1,2-dichloroethene	0.00	96	0	N.D.	
20) methyl (tert) butyl ethe	0.00	73	0	N.D.	
21) 1,1-dichloroethane	0.00	63	0	N.D.	
22) vinyl acetate	0.00	43	0	N.D.	
23) 2,2-dichloropropane	0.00	77	0	N.D.	
24) cis-1,2-dichloroethene	0.00	96	0	N.D.	
25) 2-butanone (MEK)	0.00	43	0	N.D.	
26) bromochloromethane	0.00	49	0	N.D.	
27) chloroform	0.00	83	0	N.D.	
28) tetrahydrofuran	0.00	71	0	N.D.	
29) 1,1,1-trichloroethane	0.00	97	0	N.D.	
31) carbon tetrachloride	0.00	117	0	N.D.	
32) 1,1-dichloropropene	0.00	75	0	N.D.	
33) cyclohexane	0.00	56	0	N.D.	
34) benzene	0.00	78	0	N.D.	
35) 1,2-dichloroethane	0.00	62	0	N.D.	
36) heptane	5.13	57	12013	No Calib #	

Data Path : C:\MSDCHEM\1\DATA\12-28-10\
InstName : 224
Data File : 33202.D
Acq On : 28 Dec 2010 11:56
Operator : DLV
Sample : 1012332-02
Misc : MWH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 28 12:10:39 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
38) trichloroethene	0.00	130	0	N.D.		
39) 1,2-dichloropropane	0.00	63	0	N.D.		
40) dibromomethane	0.00	93	0	N.D.		
41) bromodichloromethane	0.00	83	0	N.D.		
42) methylcyclohexane	0.00	83	0	N.D.		
43) 2-chloroethyl vinyl ethe	0.00	63	0	N.D.		
44) cis-1,3-dichloropropene	0.00	75	0	N.D.		
45) 4-methyl-2-pentanone (MI	0.00	43	0	N.D.		
47) toluene	6.75	91	1754	0.09	ug/L #	20
48) trans-1,3-dichloropropen	0.00	75	0	N.D.		
49) 1,1,2-trichloroethane	0.00	83	0	N.D.		
51) tetrachloroethene	0.00	166	0	N.D.		
52) 1,3-dichloropropane	0.00	76	0	N.D.		
53) 2-hexanone (MBK)	0.00	43	0	N.D.		
54) dibromochloromethane	0.00	129	0	N.D.		
55) 1,2-dibromoethane	0.00	109	0	N.D.		
56) chlorobenzene	0.00	112	0	N.D.		
57) 1,1,1,2-tetrachloroethan	0.00	131	0	N.D.		
58) 1-chlorohexane	8.07	55	3136	0.21	ug/L #	1
59) ethylbenzene	0.00	91	0	N.D.		
60) m+p-xylene	0.00	106	0	N.D.		
61) o-xylene	0.00	106	0	N.D.		
62) styrene	0.00	104	0	N.D.		
63) bromoform	0.00	173	0	N.D.		
66) isopropylbenzene	0.00	105	0	N.D.		
67) bromobenzene	0.00	77	0	N.D.		
68) 1,1,2,2-tetrachloroethan	0.00	83	0	N.D.		
69) 1,4-dichloro-2-butene	0.00	53	0	N.D.		
70) 1,2,3-trichloropropane	0.00	75	0	N.D.		
71) n-propylbenzene	0.00	120	0	N.D.		
72) 2-chlorotoluene	0.00	126	0	N.D.		
73) 1,3,5-trimethylbenzene	0.00	105	0	N.D.		
74) 4-chlorotoluene	0.00	126	0	N.D.		
75) tert-butylbenzene	0.00	119	0	N.D.		
76) 1,2,4-trimethylbenzene	0.00	105	0	N.D.		
77) sec-butylbenzene	0.00	105	0	N.D.		
78) 4-isopropyltoluene	0.00	119	0	N.D.		
79) 1,3-dichlorobenzene	0.00	146	0	N.D.		
80) 1,4-dichlorobenzene	0.00	146	0	N.D.		
81) 1,2-dichlorobenzene	0.00	146	0	N.D.		
82) n-butylbenzene	0.00	91	0	N.D.		
83) 1,2-dibromo-3-chloroprop	0.00	157	0	N.D.		
84) hexachloroethane	0.00	201	0	N.D.		
85) 1,2,4-trichlorobenzene	0.00	180	0	N.D.		
86) hexachlorobutadiene	0.00	225	0	N.D.		
87) naphthalene	0.00	128	0	N.D.		
88) 1,2,3-trichlorobenzene	0.00	180	0	N.D.		
89) 2-methylnaphthalene	0.00	142	0	N.D.		

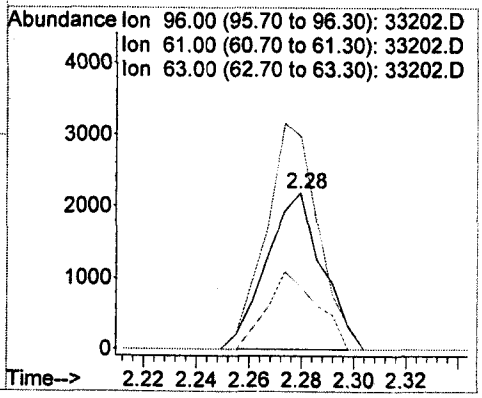
(#) = qualifier out of range (m) = manual integration (+) = signals summed

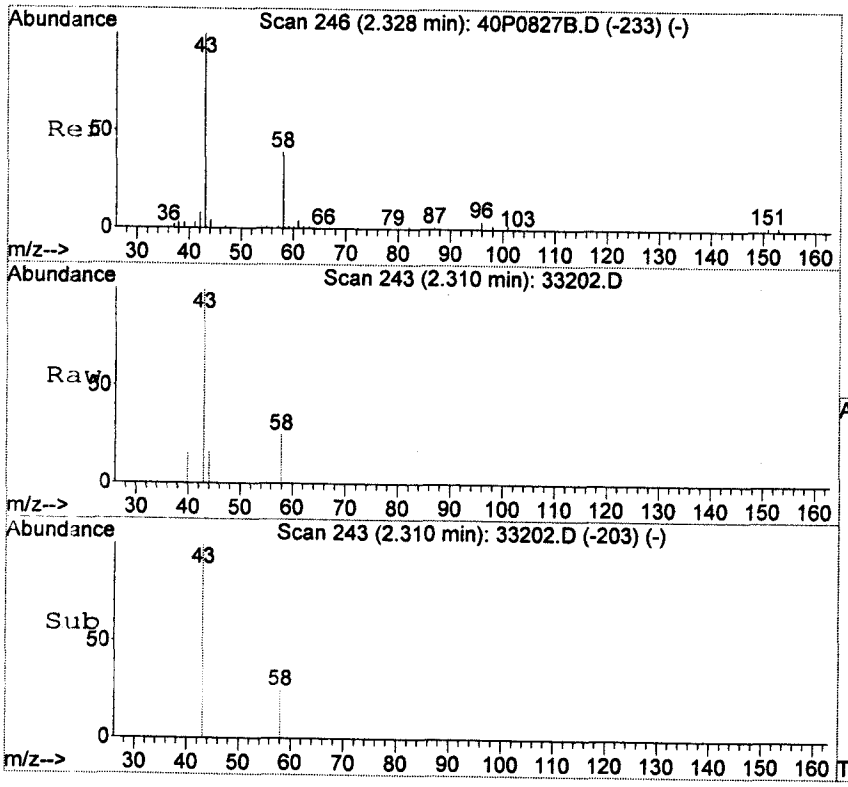


#13
1,1-dichloroethene
Concen: 0.81 ug/L
RT: 2.28 min Scan# 238
Delta R.T. 0.00 min
Lab File: 33202.D
Acq: 28 Dec 2010 11:56

Tgt Ion: 96 Resp: 3250

Ion	Ratio	Lower	Upper
96	100		
61	135.6	122.3	162.3
63	0.0	25.8	65.8#

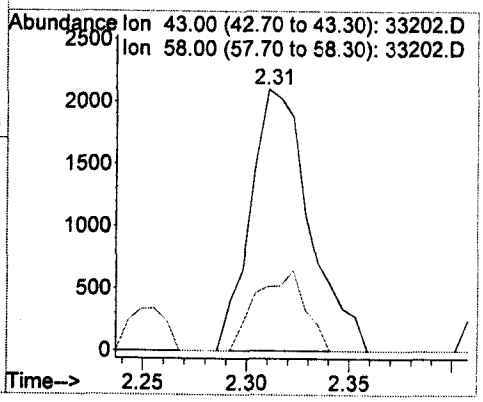




#15
acetone
Concen: 3.31 ug/L
RT: 2.31 min Scan# 243
Delta R.T. -0.00 min
Lab File: 33202.D
Acq: 28 Dec 2010 11:56

Tgt Ion: 43 Resp: 4216

Ion	Ratio	Lower	Upper
43	100		
58	0.0	12.3	52.3#



ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-15DD

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-03 File ID: 33203.D

Sampled: 12/16/10 09:35 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 14:59

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
67-64-1	Acetone	1	3.1	2.1	5.0	J
71-43-2	Benzene	1	1.0	0.18	1.0	U
108-86-1	Bromobenzene	1	1.0	0.19	1.0	U
74-97-5	Bromochloromethane	1	1.0	0.18	1.0	U
75-27-4	Bromodichloromethane	1	1.0	0.13	1.0	U
75-25-2	Bromoform	1	1.0	0.15	1.0	U
74-83-9	Bromomethane	1	1.0	0.18	1.0	U
104-51-8	n-Butylbenzene	1	1.0	0.18	1.0	U
135-98-8	sec-Butylbenzene	1	1.0	0.18	1.0	U
98-06-6	tert-Butylbenzene	1	1.0	0.15	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	0.13	1.0	U
108-90-7	Chlorobenzene	1	1.0	0.19	1.0	U
75-00-3	Chloroethane	1	1.0	0.15	1.0	U
67-66-3	Chloroform	1	0.21	0.17	1.0	J
74-87-3	Chloromethane	1	1.0	0.16	1.0	U
95-49-8	2-Chlorotoluene	1	1.0	0.16	1.0	U
106-43-4	4-Chlorotoluene	1	1.0	0.12	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	0.40	1.0	U
124-48-1	Dibromochloromethane	1	1.0	0.14	1.0	U
106-93-4	1,2-Dibromoethane	1	1.0	0.22	1.0	U
74-95-3	Dibromomethane	1	1.0	0.23	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	0.12	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	0.13	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	0.12	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	0.21	1.0	U
75-34-3	1,1-Dichloroethane	1	2.2	0.13	1.0	
107-06-2	1,2-Dichloroethane	1	1.0	0.13	1.0	U
75-35-4	1,1-Dichloroethene	1	55	0.13	1.0	
156-59-2	cis-1,2-Dichloroethene	1	1.0	0.23	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	0.20	1.0	U
78-87-5	1,2-Dichloropropane	1	1.0	0.15	1.0	U
142-28-9	1,3-Dichloropropane	1	1.0	0.14	1.0	U
594-20-7	2,2-Dichloropropane	1	1.0	0.18	1.0	U

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-15DD

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-03 File ID: 33203.D

Sampled: 12/16/10 09:35 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 14:59

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
563-58-6	1,1-Dichloropropene	1	1.0	0.25	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	0.25	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	0.23	1.0	U
100-41-4	Ethylbenzene	1	1.0	0.14	1.0	U
87-68-3	Hexachlorobutadiene	1	1.0	0.28	1.0	U
98-82-8	Isopropylbenzene	1	1.0	0.15	1.0	U
99-87-6	4-Isopropyltoluene	1	1.0	0.29	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	0.28	1.0	U
75-09-2	Methylene Chloride	1	1.0	0.26	1.0	U
78-93-3	2-Butanone (MEK)	1	5.0	0.55	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	0.28	5.0	U
91-20-3	Naphthalene	1	5.0	0.37	5.0	U
103-65-1	n-Propylbenzene	1	1.0	0.15	1.0	U
100-42-5	Styrene	1	1.0	0.11	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1	1.0	0.16	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	0.070	1.0	U
127-18-4	Tetrachloroethene	1	1.0	0.16	1.0	U
108-88-3	Toluene	1	1.0	0.16	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1	1.0	0.18	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	0.16	1.0	U
71-55-6	1,1,1-Trichloroethane	1	0.31	0.19	1.0	**J**
79-00-5	1,1,2-Trichloroethane	1	1.0	0.18	1.0	U
79-01-6	Trichloroethene	1	1.0	0.092	1.0	U
75-69-4	Trichlorofluoromethane	1	0.23	0.20	1.0	**J**
96-18-4	1,2,3-Trichloropropane	1	1.0	0.28	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1	1.0	0.16	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1	1.0	0.18	1.0	U
75-01-4	Vinyl Chloride	1	1.0	0.10	1.0	U
136777-61-2	Xylene, Meta + Para	1	2.0	0.28	2.0	U
95-47-6	Xylene, Ortho	1	1.0	0.14	1.0	U

System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
Dibromofluoromethane	40.0	39.3	98	88 - 116	

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-15DD

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-03 File ID: 33203.D

Sampled: 12/16/10 09:35 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 14:59

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

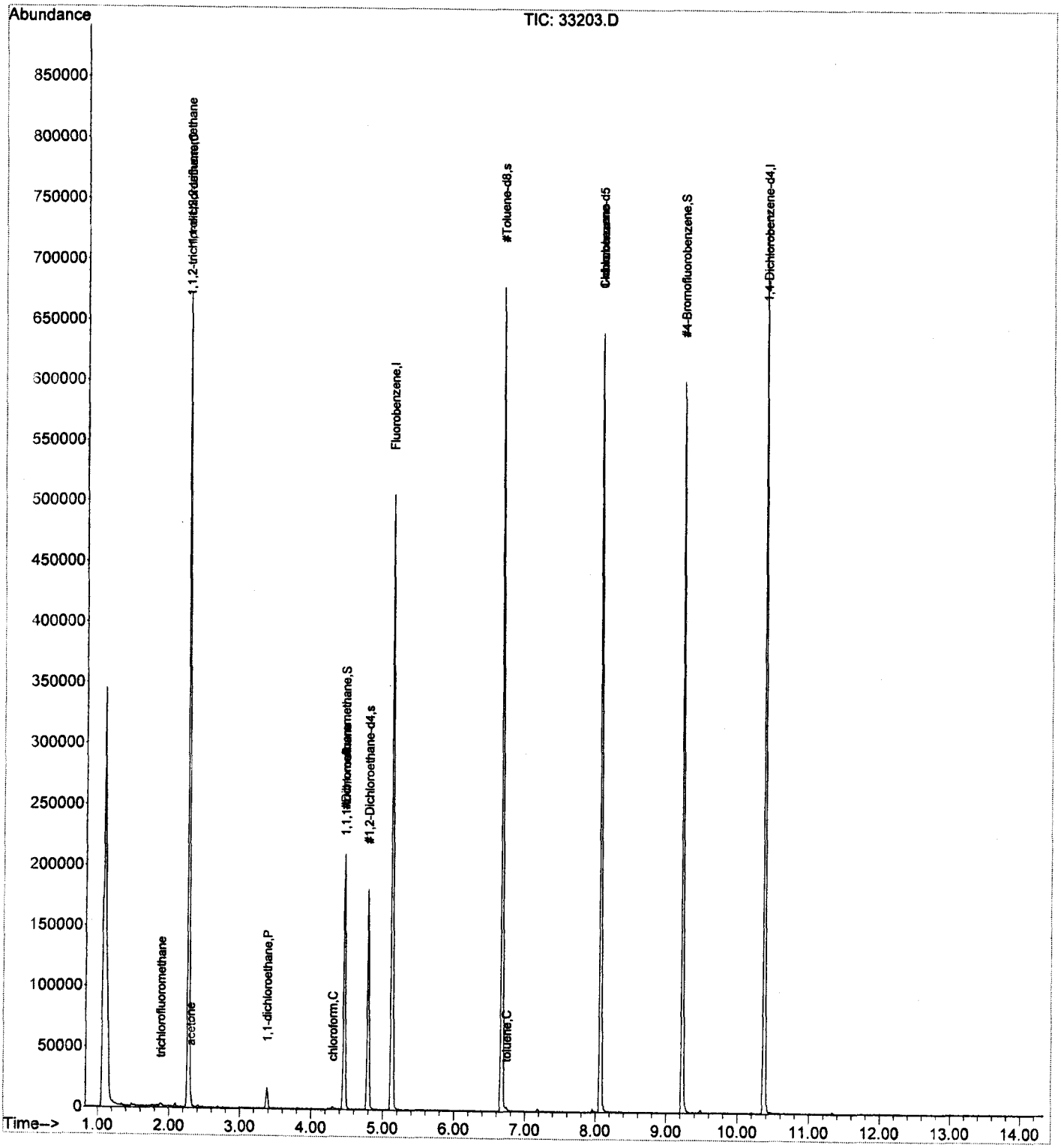
System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
1,2-Dichloroethane-d4	40.0	41.7	104	87 - 123	
Toluene-d8	40.0	37.6	94	91 - 107	
4-Bromofluorobenzene	40.0	39.6	99	84 - 106	

Internal Standard	Area	RT	Ref. Area	Ref. RT	Q
Fluorobenzene	433818	5.13	495489	5.13	
Chlorobenzene-d5	367594	8.08	453134	8.08	
1,4-Dichlorobenzene-d4	215526	10.38	273742	10.38	

* Values outside of QC limits

Data Path : C:\MSDCHEM\1\DATA\12-28-10\
InstName : 224
Data File : 33203.D
Acq On : 28 Dec 2010 14:59
Operator : DLV
Sample : 1012332-03
Misc : MWH
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 28 15:13:48 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration



Data Path : C:\MSDCHEM\1\DATA\12-28-10\
InstName : 224
Data File : 33203.D
Acq On : 28 Dec 2010 14:59
Operator : DLV
Sample : 1012332-03
Misc : MWH
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 28 15:13:48 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	433818	40.00 ug/L	0.00 87.55%
50) Chlorobenzene-d5	8.08	117	367594	40.00 ug/L	0.00 81.12%
65) 1,4-Dichlorobenzene-d4	10.38	152	215526	40.00 ug/L	0.00 78.73%
System Monitoring Compounds					
30) #Dibromofluoromethane	4.47	111	112617	39.28 ug/L	0.00
Spiked Amount 40.000			Recovery =	98.20%	
37) #1,2-Dichloroethane-d4	4.80	65	118294	41.74 ug/L	0.00
Spiked Amount 40.000			Recovery =	104.35%	
46) #Toluene-d8	6.67	98	426594	37.62 ug/L	0.00
Spiked Amount 40.000			Recovery =	94.05%	
64) #4-Bromofluorobenzene	9.23	95	174724	39.64 ug/L	0.00
Spiked Amount 40.000			Recovery =	99.10%	
Target Compounds					Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.	
3) chloromethane	0.00	50	0	N.D.	
4) vinyl chloride	0.00	62	0	N.D.	
5) dichlorofluoromethane	0.00	67	0	N.D.	
6) bromomethane	0.00	94	0	N.D.	
7) chloroethane	0.00	64	0	N.D.	
8) trichlorofluoromethane	1.89	101	1701	0.23 ug/L #	25
9) acrolein	0.00	56	0	N.D.	
10) ethyl ether	0.00	74	0	N.D.	
11) acrylonitrile	0.00	53	0	N.D.	
12) 1,1,2-trichloro-1,2,2-trif	2.27	101	9300	2.78 ug/L	97
13) 1,1-dichloroethene	2.28	96	220379	55.15 ug/L	97
14) iodomethane	0.00	142	0	N.D.	
15) acetone	2.32	43	4016	3.06 ug/L #	42
16) methyl acetate	0.00	43	0	N.D.	
17) carbon disulfide	0.00	76	0	N.D.	
18) methylene chloride	0.00	49	0	N.D.	
19) trans-1,2-dichloroethene	0.00	96	0	N.D.	
20) methyl (tert) butyl ethe	0.00	73	0	N.D.	
21) 1,1-dichloroethane	3.39	63	15848	2.20 ug/L	98
22) vinyl acetate	0.00	43	0	N.D.	
23) 2,2-dichloropropane	0.00	77	0	N.D.	
24) cis-1,2-dichloroethene	0.00	96	0	N.D.	
25) 2-butanone (MEK)	0.00	43	0	N.D.	
26) bromochloromethane	0.00	49	0	N.D.	
27) chloroform	4.31	83	1656	0.21 ug/L #	18
28) tetrahydrofuran	0.00	71	0	N.D.	
29) 1,1,1-trichloroethane	4.48	97	2231	0.31 ug/L #	73
31) carbon tetrachloride	0.00	117	0	N.D.	
32) 1,1-dichloropropene	0.00	75	0	N.D.	
33) cyclohexane	0.00	56	0	N.D.	
34) benzene	0.00	78	0	N.D.	
35) 1,2-dichloroethane	0.00	62	0	N.D.	
36) heptane	5.13	57	11426	No Calib #	

Data Path : C:\MSDCHEM\1\DATA\12-28-10\
InstName : 224
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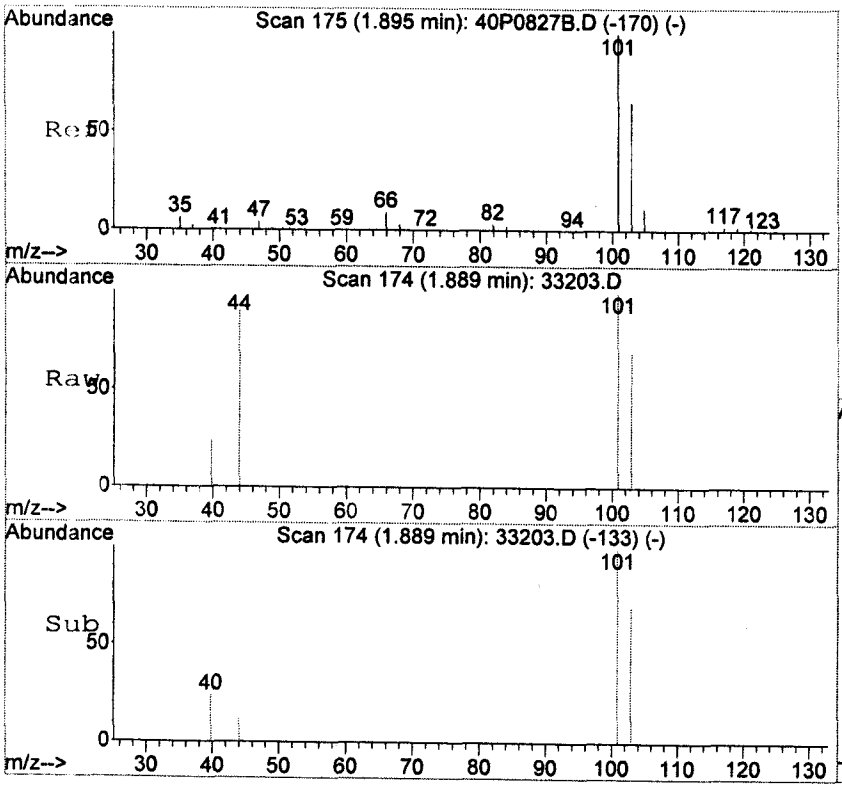
Operator : DLV
Sample : 1012332-03
Misc : MWH
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 28 15:13:48 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

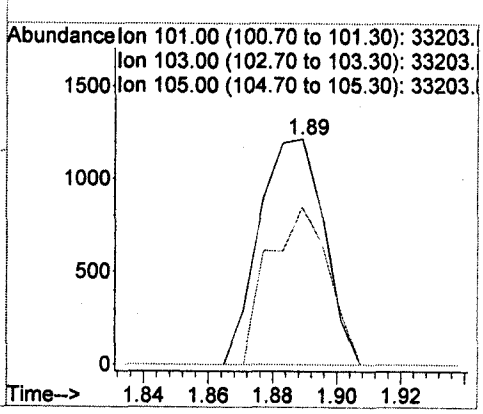
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
38) trichloroethene	0.00	130	0	N.D.	
39) 1,2-dichloropropane	0.00	63	0	N.D.	
40) dibromomethane	0.00	93	0	N.D.	
41) bromodichloromethane	0.00	83	0	N.D.	
42) methylcyclohexane	0.00	83	0	N.D.	
43) 2-chloroethyl vinyl ethe	0.00	63	0	N.D.	
44) cis-1,3-dichloropropene	0.00	75	0	N.D.	
45) 4-methyl-2-pentanone (MI	0.00	43	0	N.D.	
47) toluene	6.74	91	1794	0.09 ug/L #	20
48) trans-1,3-dichloropropen	0.00	75	0	N.D.	
49) 1,1,2-trichloroethane	0.00	83	0	N.D.	
51) tetrachloroethene	0.00	166	0	N.D.	
52) 1,3-dichloropropane	0.00	76	0	N.D.	
53) 2-hexanone (MBK)	0.00	43	0	N.D.	
54) dibromochloromethane	0.00	129	0	N.D.	
55) 1,2-dibromoethane	0.00	109	0	N.D.	
56) chlorobenzene	0.00	112	0	N.D.	
57) 1,1,1,2-tetrachloroethan	0.00	131	0	N.D.	
58) 1-chlorohexane	8.08	55	2971	0.16 ug/L #	1
59) ethylbenzene	0.00	91	0	N.D.	
60) m+p-xylene	0.00	106	0	N.D.	
61) o-xylene	0.00	106	0	N.D.	
62) styrene	0.00	104	0	N.D.	
63) bromoform	0.00	173	0	N.D.	
66) isopropylbenzene	0.00	105	0	N.D.	
67) bromobenzene	0.00	77	0	N.D.	
68) 1,1,2,2-tetrachloroethan	0.00	83	0	N.D.	
69) 1,4-dichloro-2-butene	0.00	53	0	N.D.	
70) 1,2,3-trichloropropane	0.00	75	0	N.D.	
71) n-propylbenzene	0.00	120	0	N.D.	
72) 2-chlorotoluene	0.00	126	0	N.D.	
73) 1,3,5-trimethylbenzene	0.00	105	0	N.D.	
74) 4-chlorotoluene	0.00	126	0	N.D.	
75) tert-butylbenzene	0.00	119	0	N.D.	
76) 1,2,4-trimethylbenzene	0.00	105	0	N.D.	
77) sec-butylbenzene	0.00	105	0	N.D.	
78) 4-isopropyltoluene	0.00	119	0	N.D.	
79) 1,3-dichlorobenzene	0.00	146	0	N.D.	
80) 1,4-dichlorobenzene	0.00	146	0	N.D.	
81) 1,2-dichlorobenzene	0.00	146	0	N.D.	
82) n-butylbenzene	0.00	91	0	N.D.	
83) 1,2-dibromo-3-chloroprop	0.00	157	0	N.D.	
84) hexachloroethane	0.00	201	0	N.D.	
85) 1,2,4-trichlorobenzene	0.00	180	0	N.D.	
86) hexachlorobutadiene	0.00	225	0	N.D.	
87) naphthalene	0.00	128	0	N.D.	
88) 1,2,3-trichlorobenzene	0.00	180	0	N.D.	
89) 2-methylnaphthalene	0.00	142	0	N.D.	

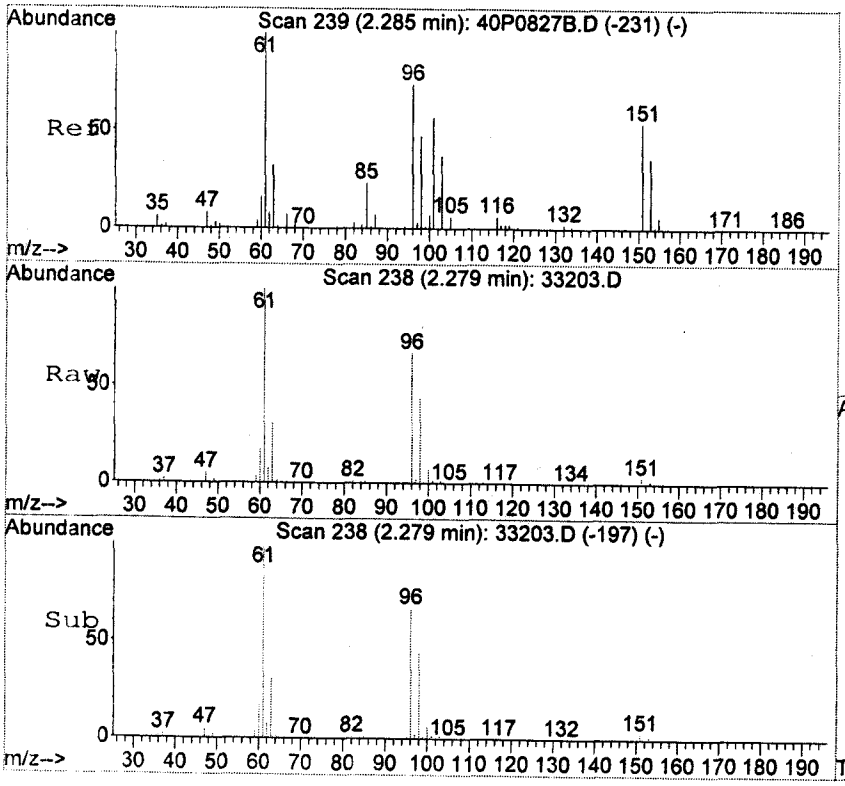
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#8
trichlorofluoromethane
Concen: 0.23 ug/L
RT: 1.89 min Scan# 174
Delta R.T. -0.00 min
Lab File: 33203.D
Acq: 28 Dec 2010 14:59

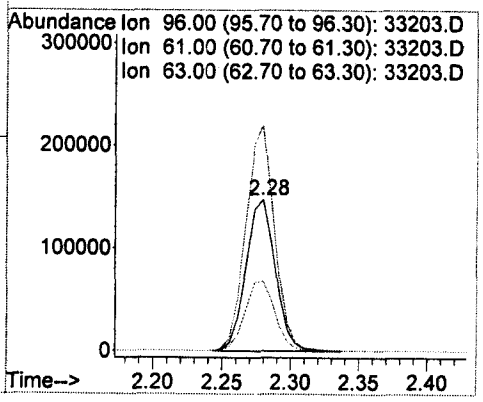
Tgt Ion:101	Resp:	1701	
Ion	Ratio	Lower	Upper
101	100		
103	0.0	45.2	85.2#
105	0.0	0.0	30.5

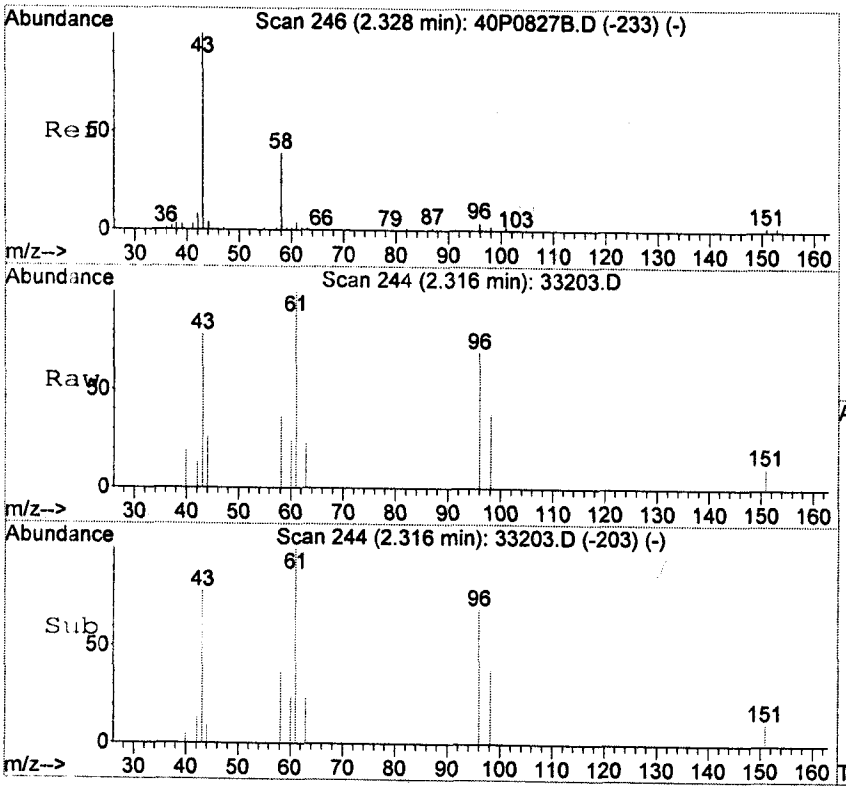




#13
1,1-dichloroethene
Concen: 55.15 ug/L
RT: 2.28 min Scan# 238
Delta R.T. -0.00 min
Lab File: 33203.D
Acq: 28 Dec 2010 14:59

Tgt Ion: 96	Resp:	220379	
Ion	Ratio	Lower	Upper
96	100		
61	145.4	122.3	162.3
63	47.6	25.8	65.8

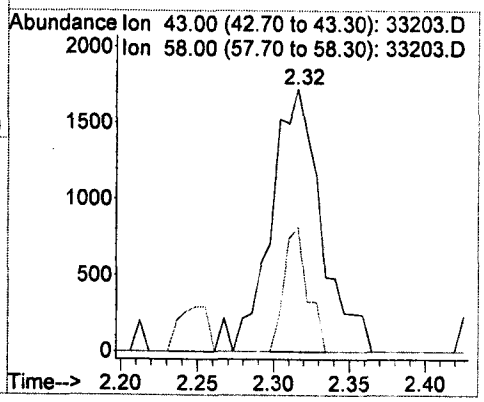


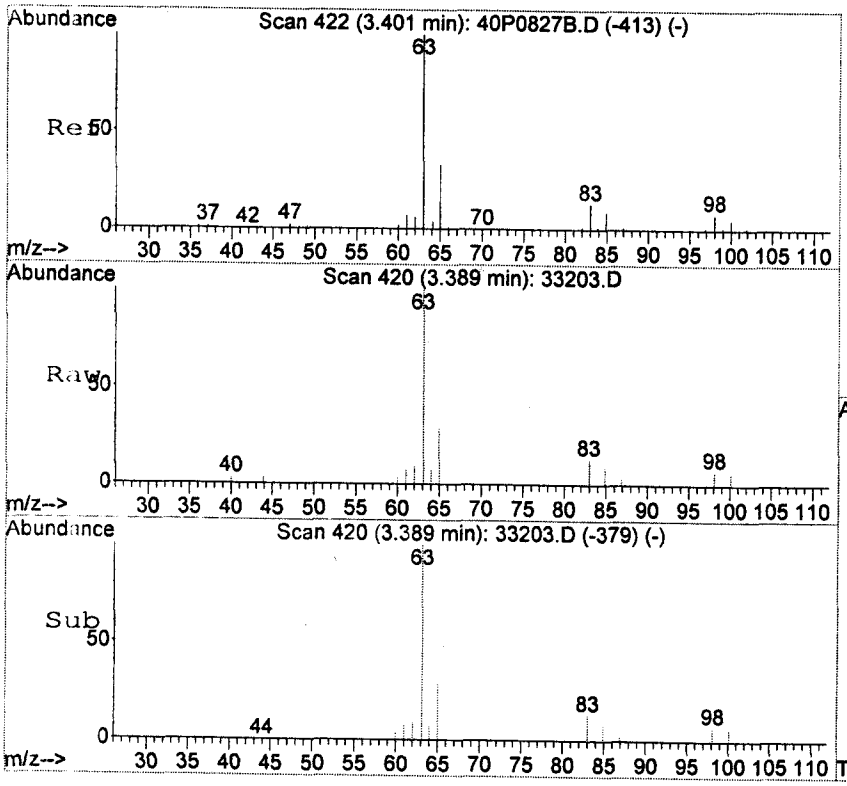


#15
acetone
Concen: 3.06 ug/L
RT: 2.32 min Scan# 244
Delta R.T. 0.00 min
Lab File: 33203.D
Acq: 28 Dec 2010 14:59

Tgt Ion: 43 Resp: 4016

Ion	Ratio	Lower	Upper
43	100		
58	0.0	12.3	52.3#

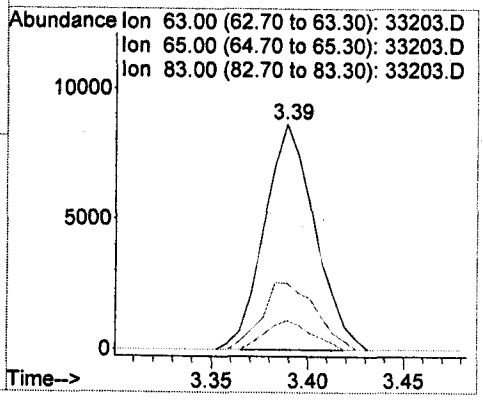


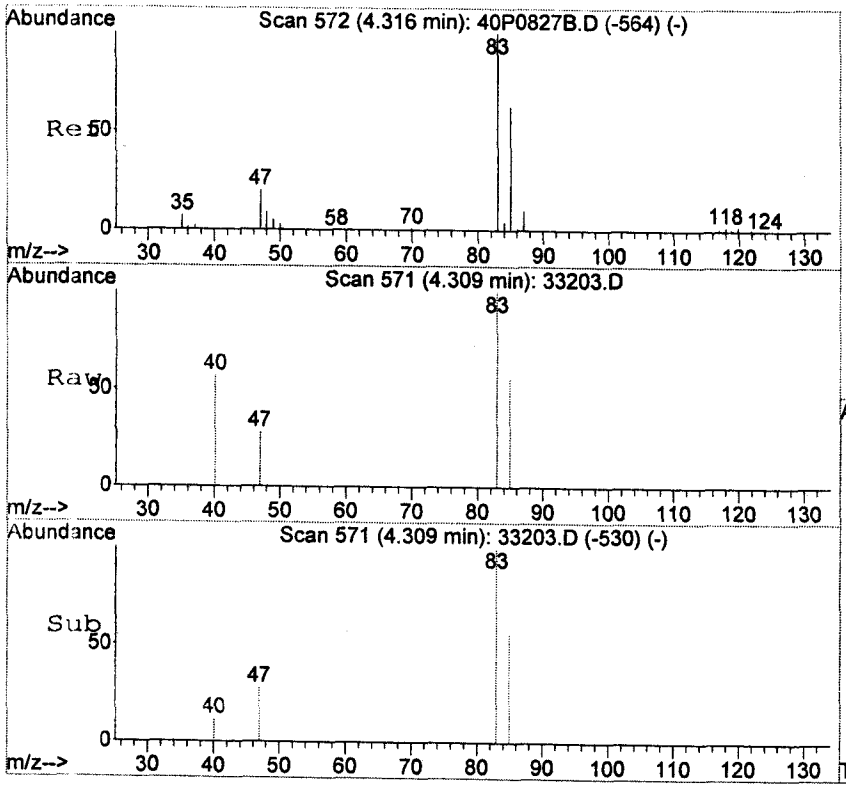


#21
1,1-dichloroethane
Concen: 2.20 ug/L
RT: 3.39 min Scan# 420
Delta R.T. -0.00 min
Lab File: 33203.D
Acq: 28 Dec 2010 14:59

Tgt Ion: 63 Resp: 15848

Ion	Ratio	Lower	Upper
63	100		
65	31.7	12.1	52.1
83	12.0	0.0	34.2

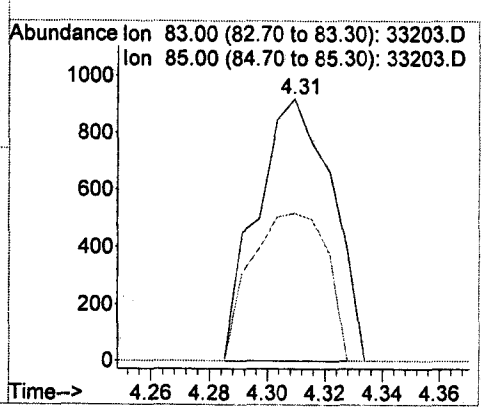


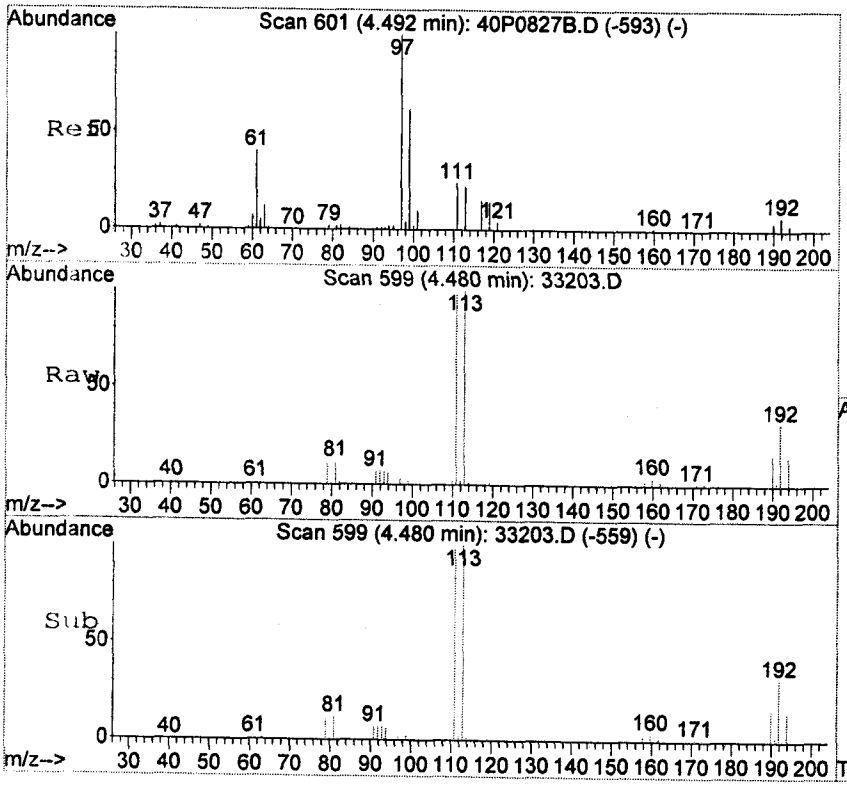


#27
chloroform
Concen: 0.21 ug/L
RT: 4.31 min Scan# 571
Delta R.T. -0.00 min
Lab File: 33203.D
Acq: 28 Dec 2010 14:59

Tgt Ion: 83 Resp: 1656

Ion	Ratio	Lower	Upper
83	100		
85	0.0	44.9	84.9#

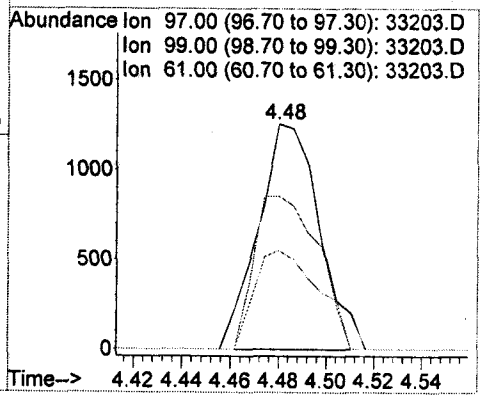




#29
1,1,1-trichloroethane
Concen: 0.31 ug/L
RT: 4.48 min Scan# 599
Delta R.T. -0.01 min
Lab File: 33203.D
Acq: 28 Dec 2010 14:59

Tgt Ion: 97 Resp: 2231

Ion	Ratio	Lower	Upper
97	100		
99	71.2	45.0	85.0
61	0.0	16.2	56.2#



ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-21S

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-04 File ID: 33204.D

Sampled: 12/16/10 10:40 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 15:36

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
67-64-1	Acetone	1	2.2	2.1	5.0	J
71-43-2	Benzene	1	1.0	0.18	1.0	U
108-86-1	Bromobenzene	1	1.0	0.19	1.0	U
74-97-5	Bromochloromethane	1	1.0	0.18	1.0	U
75-27-4	Bromodichloromethane	1	1.0	0.13	1.0	U
75-25-2	Bromoform	1	1.0	0.15	1.0	U
74-83-9	Bromomethane	1	1.0	0.18	1.0	U
104-51-8	n-Butylbenzene	1	1.0	0.18	1.0	U
135-98-8	sec-Butylbenzene	1	1.0	0.18	1.0	U
98-06-6	tert-Butylbenzene	1	1.0	0.15	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	0.13	1.0	U
108-90-7	Chlorobenzene	1	1.0	0.19	1.0	U
75-00-3	Chloroethane	1	1.0	0.15	1.0	U
67-66-3	Chloroform	1	1.0	0.17	1.0	U
74-87-3	Chloromethane	1	1.0	0.16	1.0	U
95-49-8	2-Chlorotoluene	1	1.0	0.16	1.0	U
106-43-4	4-Chlorotoluene	1	1.0	0.12	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	0.40	1.0	U
124-48-1	Dibromochloromethane	1	1.0	0.14	1.0	U
106-93-4	1,2-Dibromoethane	1	1.0	0.22	1.0	U
74-95-3	Dibromomethane	1	1.0	0.23	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	0.12	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	0.13	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	0.12	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	0.21	1.0	U
75-34-3	1,1-Dichloroethane	1	0.39	0.13	1.0	J
107-06-2	1,2-Dichloroethane	1	1.0	0.13	1.0	U
75-35-4	1,1-Dichloroethene	1	0.80	0.13	1.0	J
156-59-2	cis-1,2-Dichloroethene	1	1.0	0.23	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	0.20	1.0	U
78-87-5	1,2-Dichloropropane	1	1.0	0.15	1.0	U
142-28-9	1,3-Dichloropropane	1	1.0	0.14	1.0	U
594-20-7	2,2-Dichloropropane	1	1.0	0.18	1.0	U

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-21S

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-04 File ID: 33204.D

Sampled: 12/16/10 10:40 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 15:36

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
563-58-6	1,1-Dichloropropene	1	1.0	0.25	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	0.25	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	0.23	1.0	U
100-41-4	Ethylbenzene	1	1.0	0.14	1.0	U
87-68-3	Hexachlorobutadiene	1	1.0	0.28	1.0	U
98-82-8	Isopropylbenzene	1	1.0	0.15	1.0	U
99-87-6	4-Isopropyltoluene	1	1.0	0.29	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	0.28	1.0	U
75-09-2	Methylene Chloride	1	1.0	0.26	1.0	U
78-93-3	2-Butanone (MEK)	1	5.0	0.55	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	0.28	5.0	U
91-20-3	Naphthalene	1	5.0	0.37	5.0	U
103-65-1	n-Propylbenzene	1	1.0	0.15	1.0	U
100-42-5	Styrene	1	1.0	0.11	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1	1.0	0.16	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	0.070	1.0	U
127-18-4	Tetrachloroethene	1	1.0	0.16	1.0	U
108-88-3	Toluene	1	1.0	0.16	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1	1.0	0.18	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	0.16	1.0	U
71-55-6	1,1,1-Trichloroethane	1	1.0	0.19	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	0.18	1.0	U
79-01-6	Trichloroethene	1	1.0	0.092	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	0.20	1.0	U
96-18-4	1,2,3-Trichloropropane	1	1.0	0.28	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1	1.0	0.16	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1	1.0	0.18	1.0	U
75-01-4	Vinyl Chloride	1	1.0	0.10	1.0	U
136777-61-2	Xylene, Meta + Para	1	2.0	0.28	2.0	U
95-47-6	Xylene, Ortho	1	1.0	0.14	1.0	U

System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
Dibromofluoromethane	40.0	39.9	100	88 - 116	

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-21S

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-04 File ID: 33204.D

Sampled: 12/16/10 10:40 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 15:36

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

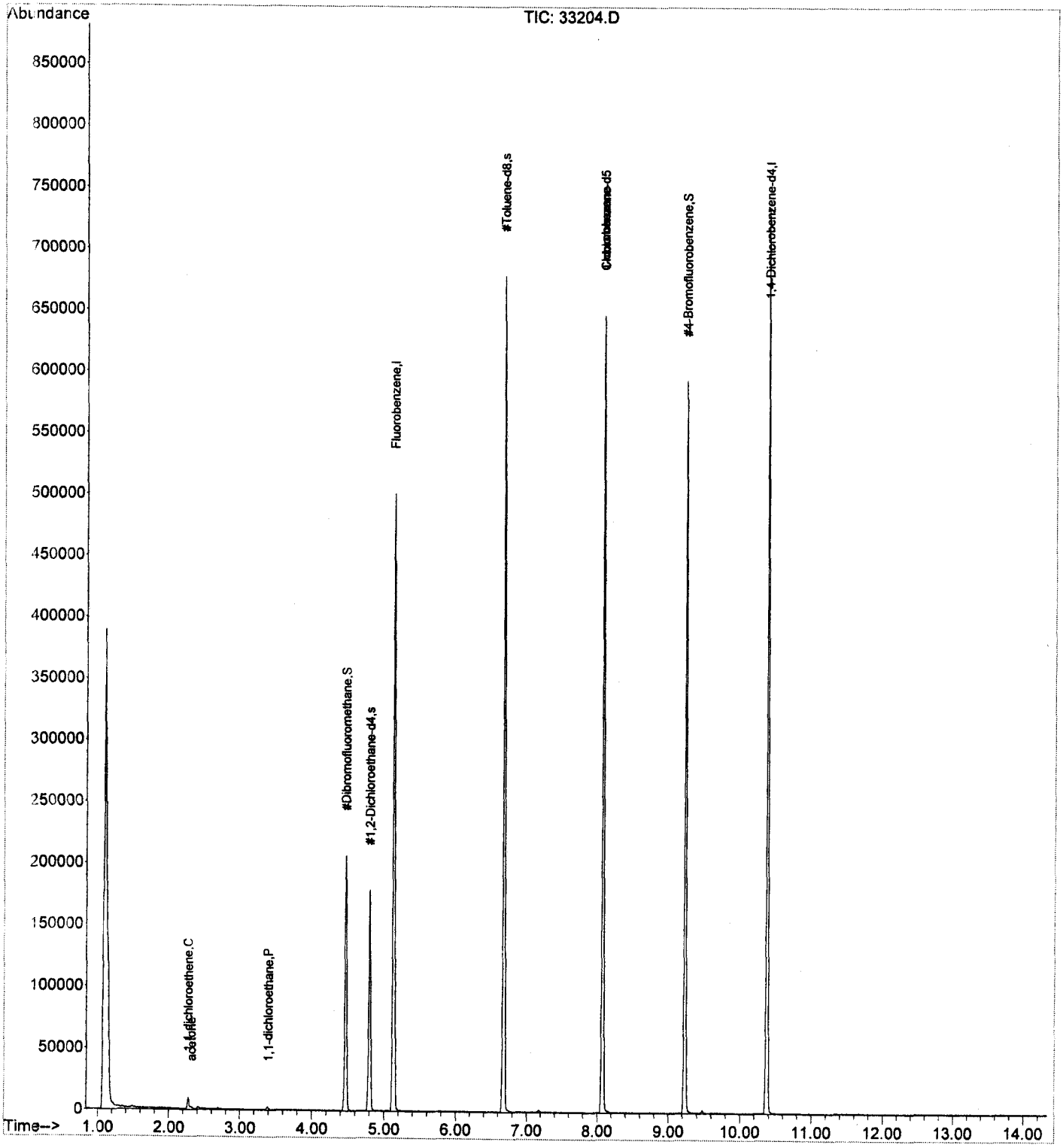
System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
1,2-Dichloroethane-d4	40.0	41.2	103	87 - 123	
Toluene-d8	40.0	38.0	95	91 - 107	
4-Bromofluorobenzene	40.0	39.8	100	84 - 106	

Internal Standard	Area	RT	Ref. Area	Ref. RT	Q
Fluorobenzene	427447	5.13	495489	5.13	
Chlorobenzene-d5	367242	8.08	453134	8.08	
1,4-Dichlorobenzene-d4	214903	10.38	273742	10.38	

* Values outside of QC limits

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33204.D
Acq On : 28 Dec 2010 15:36
Operator : DLV
Sample : 1012332-04
Misc : MWH
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 28 15:50:36 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration



Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33204.D
Acq On : 28 Dec 2010 15:36
Operator : DLV
Sample : 1012332-04
Misc : MWH
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 28 15:50:36 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

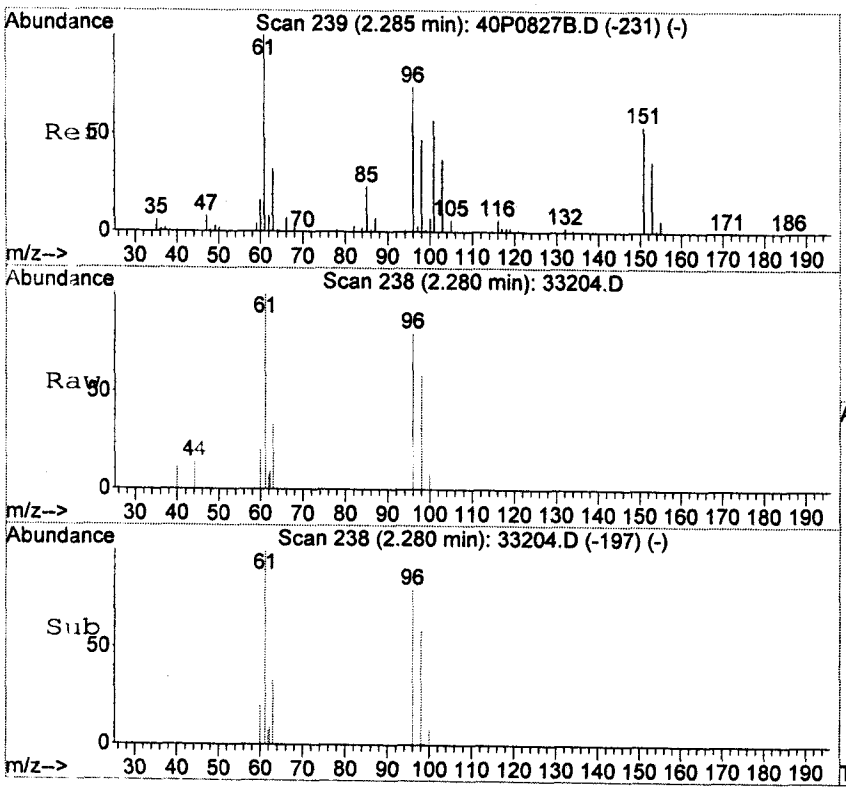
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	427447	40.00	ug/L	0.00 86.27%
50) Chlorobenzene-d5	8.08	117	367242	40.00	ug/L	0.00 81.04%
65) 1,4-Dichlorobenzene-d4	10.38	152	214903	40.00	ug/L	0.00 78.51%
System Monitoring Compounds						
30) #Dibromofluoromethane	4.47	111	112772	39.92	ug/L	0.00
Spiked Amount 40.000			Recovery =	99.80%		
37) #1,2-Dichloroethane-d4	4.80	65	115066	41.21	ug/L	0.00
Spiked Amount 40.000			Recovery =	103.03%		
46) #Toluene-d8	6.67	98	424861	38.03	ug/L	0.00
Spiked Amount 40.000			Recovery =	95.08%		
64) #4-Bromofluorobenzene	9.23	95	175243	39.80	ug/L	0.00
Spiked Amount 40.000			Recovery =	99.50%		
Target Compounds						Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.		
3) chloromethane	0.00	50	0	N.D.		
4) vinyl chloride	0.00	62	0	N.D.		
5) dichlorofluoromethane	0.00	67	0	N.D.		
6) bromomethane	0.00	94	0	N.D.		
7) chloroethane	0.00	64	0	N.D.		
8) trichlorofluoromethane	0.00	101	0	N.D.		
9) acrolein	0.00	56	0	N.D.		
10) ethyl ether	0.00	74	0	N.D.		
11) acrylonitrile	0.00	53	0	N.D.		
12) 1,1,2-trichloro-1,2,2-tr	0.00	101	0	N.D.		
13) 1,1-dichloroethene	2.28	96	3169	0.80	ug/L	95
14) iodomethane	0.00	142	0	N.D.		
15) acetone	2.32	43	3278	2.16	ug/L #	42
16) methyl acetate	0.00	43	0	N.D.		
17) carbon disulfide	0.00	76	0	N.D.		
18) methylene chloride	0.00	49	0	N.D.		
19) trans-1,2-dichloroethene	0.00	96	0	N.D.		
20) methyl (tert) butyl ethe	0.00	73	0	N.D.		
21) 1,1-dichloroethane	3.39	63	2742	0.39	ug/L #	49
22) vinyl acetate	0.00	43	0	N.D.		
23) 2,2-dichloropropane	0.00	77	0	N.D.		
24) cis-1,2-dichloroethene	0.00	96	0	N.D.		
25) 2-butanone (MEK)	0.00	43	0	N.D.		
26) bromochloromethane	0.00	49	0	N.D.		
27) chloroform	0.00	83	0	N.D.		
28) tetrahydrofuran	0.00	71	0	N.D.		
29) 1,1,1-trichloroethane	0.00	97	0	N.D.		
31) carbon tetrachloride	0.00	117	0	N.D.		
32) 1,1-dichloropropene	0.00	75	0	N.D.		
33) cyclohexane	0.00	56	0	N.D.		
34) benzene	0.00	78	0	N.D.		
35) 1,2-dichloroethane	0.00	62	0	N.D.		
36) heptane	5.13	57	11616	No Calib	#	

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33204.D
Acq On : 28 Dec 2010 15:36
Operator : DLV
Sample : 1012332-04
Misc : MWH
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 28 15:50:36 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

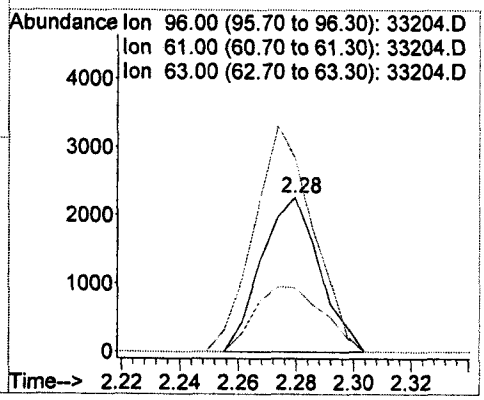
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
38) trichloroethene	0.00	130	0	N.D.		
39) 1,2-dichloropropane	0.00	63	0	N.D.		
40) dibromomethane	0.00	93	0	N.D.		
41) bromodichloromethane	0.00	83	0	N.D.		
42) methylcyclohexane	0.00	83	0	N.D.		
43) 2-chloroethyl vinyl ethe	0.00	63	0	N.D.		
44) cis-1,3-dichloropropene	0.00	75	0	N.D.		
45) 4-methyl-2-pentanone (MI	0.00	43	0	N.D.		
47) toluene	0.00	91	0	N.D.		
48) trans-1,3-dichloropropen	0.00	75	0	N.D.		
49) 1,1,2-trichloroethane	0.00	83	0	N.D.		
51) tetrachloroethene	0.00	166	0	N.D.		
52) 1,3-dichloropropane	0.00	76	0	N.D.		
53) 2-hexanone (MBK)	0.00	43	0	N.D.		
54) dibromochloromethane	0.00	129	0	N.D.		
55) 1,2-dibromoethane	0.00	109	0	N.D.		
56) chlorobenzene	0.00	112	0	N.D.		
57) 1,1,1,2-tetrachloroethan	0.00	131	0	N.D.		
58) 1-chlorohexane	8.07	55	2730	0.08	ug/L #	1
59) ethylbenzene	0.00	91	0	N.D.		
60) m+p-xylene	0.00	106	0	N.D.		
61) o-xylene	0.00	106	0	N.D.		
62) styrene	0.00	104	0	N.D.		
63) bromoform	0.00	173	0	N.D.		
66) isopropylbenzene	0.00	105	0	N.D.		
67) bromobenzene	0.00	77	0	N.D.		
68) 1,1,2,2-tetrachloroethan	0.00	83	0	N.D.		
69) 1,4-dichloro-2-butene	0.00	53	0	N.D.		
70) 1,2,3-trichloropropane	0.00	75	0	N.D.		
71) n-propylbenzene	0.00	120	0	N.D.		
72) 2-chlorotoluene	0.00	126	0	N.D.		
73) 1,3,5-trimethylbenzene	0.00	105	0	N.D.		
74) 4-chlorotoluene	0.00	126	0	N.D.		
75) tert-butylbenzene	0.00	119	0	N.D.		
76) 1,2,4-trimethylbenzene	0.00	105	0	N.D.		
77) sec-butylbenzene	0.00	105	0	N.D.		
78) 4-isopropyltoluene	0.00	119	0	N.D.		
79) 1,3-dichlorobenzene	0.00	146	0	N.D.		
80) 1,4-dichlorobenzene	0.00	146	0	N.D.		
81) 1,2-dichlorobenzene	0.00	146	0	N.D.		
82) n-butylbenzene	0.00	91	0	N.D.		
83) 1,2-dibromo-3-chloroprop	0.00	157	0	N.D.		
84) hexachloroethane	0.00	201	0	N.D.		
85) 1,2,4-trichlorobenzene	0.00	180	0	N.D.		
86) hexachlorobutadiene	0.00	225	0	N.D.		
87) naphthalene	0.00	128	0	N.D.		
88) 1,2,3-trichlorobenzene	0.00	180	0	N.D.		
89) 2-methylnaphthalene	0.00	142	0	N.D.		

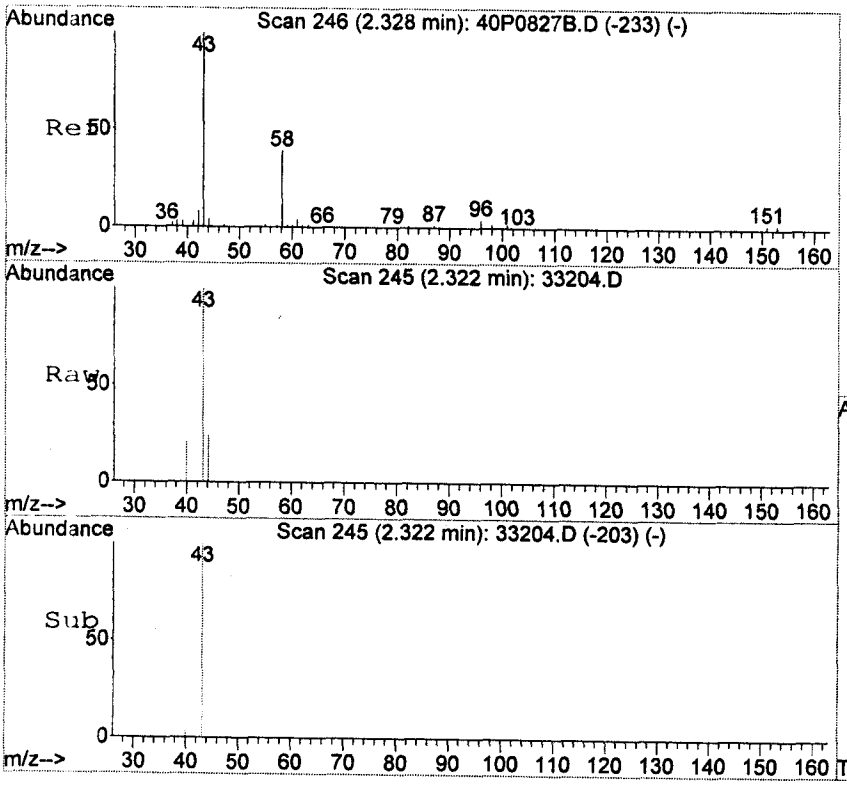
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#13
1,1-dichloroethene
Concen: 0.80 ug/L
RT: 2.28 min Scan# 238
Delta R.T. 0.00 min
Lab File: 33204.D
Acq: 28 Dec 2010 15:36

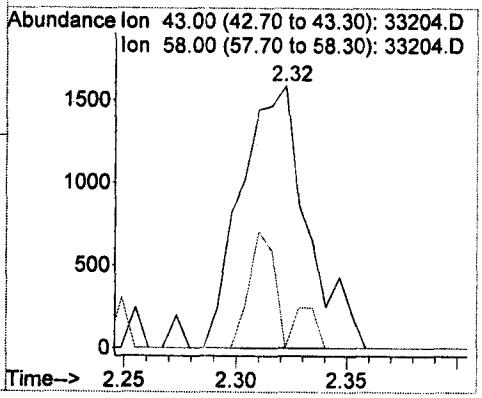
Tgt Ion: 96	Resp:	3169
Ion	Ratio	Lower	Upper
96	100		
61	147.9	122.3	162.3
63	49.9	25.8	65.8

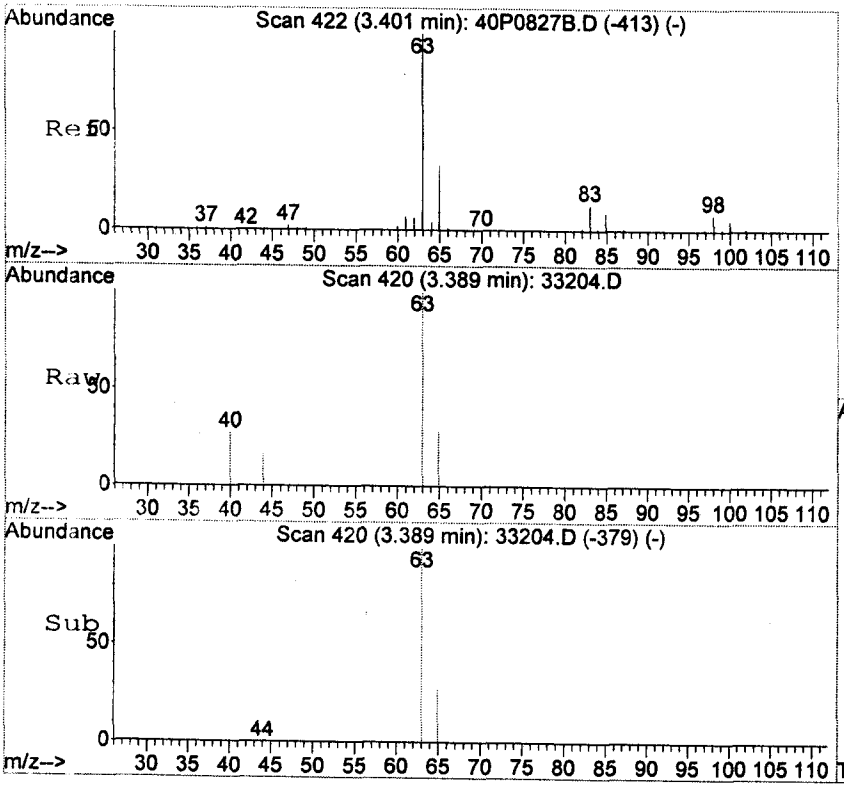




#15
acetone
Concen: 2.16 ug/L
RT: 2.32 min Scan# 245
Delta R.T. 0.01 min
Lab File: 33204.D
Acq: 28 Dec 2010 15:36

Tgt Ion: 43	Resp:	3278
Ion	Ratio	Lower	Upper
43	100		
58	0.0	12.3	52.3#

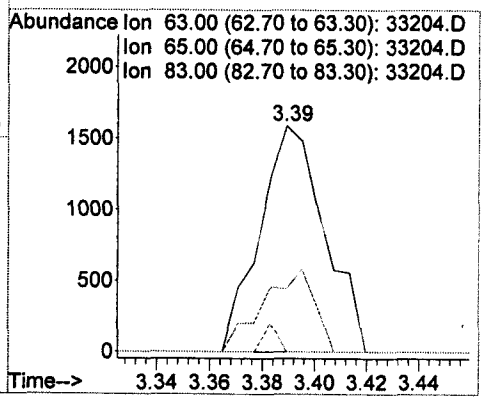




#21
1,1-dichloroethane
Concen: 0.39 ug/L
RT: 3.39 min Scan# 420
Delta R.T. 0.00 min
Lab File: 33204.D
Acq: 28 Dec 2010 15:36

Tgt Ion: 63 Resp: 2742

Ion	Ratio	Lower	Upper
63	100		
65	0.0	12.1	52.1#
83	0.0	0.0	34.2



ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-21D

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-05 File ID: 33205.D

Sampled: 12/16/10 11:35 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 16:12

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
67-64-1	Acetone	1	2.9	2.1	5.0	J
71-43-2	Benzene	1	0.86	0.18	1.0	J
108-86-1	Bromobenzene	1	1.0	0.19	1.0	U
74-97-5	Bromochloromethane	1	1.0	0.18	1.0	U
75-27-4	Bromodichloromethane	1	1.0	0.13	1.0	U
75-25-2	Bromoform	1	1.0	0.15	1.0	U
74-83-9	Bromomethane	1	1.0	0.18	1.0	U
104-51-8	n-Butylbenzene	1	1.0	0.18	1.0	U
135-98-8	sec-Butylbenzene	1	1.0	0.18	1.0	U
98-06-6	tert-Butylbenzene	1	1.0	0.15	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	0.13	1.0	U
108-90-7	Chlorobenzene	1	1.0	0.19	1.0	U
75-00-3	Chloroethane	1	1.0	0.15	1.0	U
67-66-3	Chloroform	1	1.0	0.17	1.0	U
74-87-3	Chloromethane	1	1.0	0.16	1.0	U
95-49-8	2-Chlorotoluene	1	1.0	0.16	1.0	U
106-43-4	4-Chlorotoluene	1	1.0	0.12	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	0.40	1.0	U
124-48-1	Dibromochloromethane	1	1.0	0.14	1.0	U
106-93-4	1,2-Dibromoethane	1	1.0	0.22	1.0	U
74-95-3	Dibromomethane	1	1.0	0.23	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	0.12	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	0.13	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	0.12	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	0.21	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	0.13	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	0.13	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	0.13	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	0.23	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	0.20	1.0	U
78-87-5	1,2-Dichloropropane	1	1.0	0.15	1.0	U
142-28-9	1,3-Dichloropropane	1	1.0	0.14	1.0	U
594-20-7	2,2-Dichloropropane	1	1.0	0.18	1.0	U

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-21D

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-05 File ID: 33205.D

Sampled: 12/16/10 11:35 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 16:12

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
563-58-6	1,1-Dichloropropene	1	1.0	0.25	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	0.25	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	0.23	1.0	U
100-41-4	Ethylbenzene	1	1.0	0.14	1.0	U
87-68-3	Hexachlorobutadiene	1	1.0	0.28	1.0	U
98-82-8	Isopropylbenzene	1	1.0	0.15	1.0	U
99-87-6	4-Isopropyltoluene	1	1.0	0.29	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	0.28	1.0	U
75-09-2	Methylene Chloride	1	1.0	0.26	1.0	U
78-93-3	2-Butanone (MEK)	1	5.0	0.55	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	0.28	5.0	U
91-20-3	Naphthalene	1	5.0	0.37	5.0	U
103-65-1	n-Propylbenzene	1	1.0	0.15	1.0	U
100-42-5	Styrene	1	1.0	0.11	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1	1.0	0.16	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	0.070	1.0	U
127-18-4	Tetrachloroethene	1	1.0	0.16	1.0	U
108-88-3	Toluene	1	0.24	0.16	1.0	J
87-61-6	1,2,3-Trichlorobenzene	1	1.0	0.18	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	0.16	1.0	U
71-55-6	1,1,1-Trichloroethane	1	1.0	0.19	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	0.18	1.0	U
79-01-6	Trichloroethene	1	1.0	0.092	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	0.20	1.0	U
96-18-4	1,2,3-Trichloropropane	1	1.0	0.28	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1	1.0	0.16	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1	1.0	0.18	1.0	U
75-01-4	Vinyl Chloride	1	1.0	0.10	1.0	U
136777-61-2	Xylene, Meta + Para	1	2.0	0.28	2.0	U
95-47-6	Xylene, Ortho	1	1.0	0.14	1.0	U

System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
Dibromofluoromethane	40.0	38.6	97	88 - 116	

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-21D

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-05 File ID: 33205.D

Sampled: 12/16/10 11:35 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 16:12

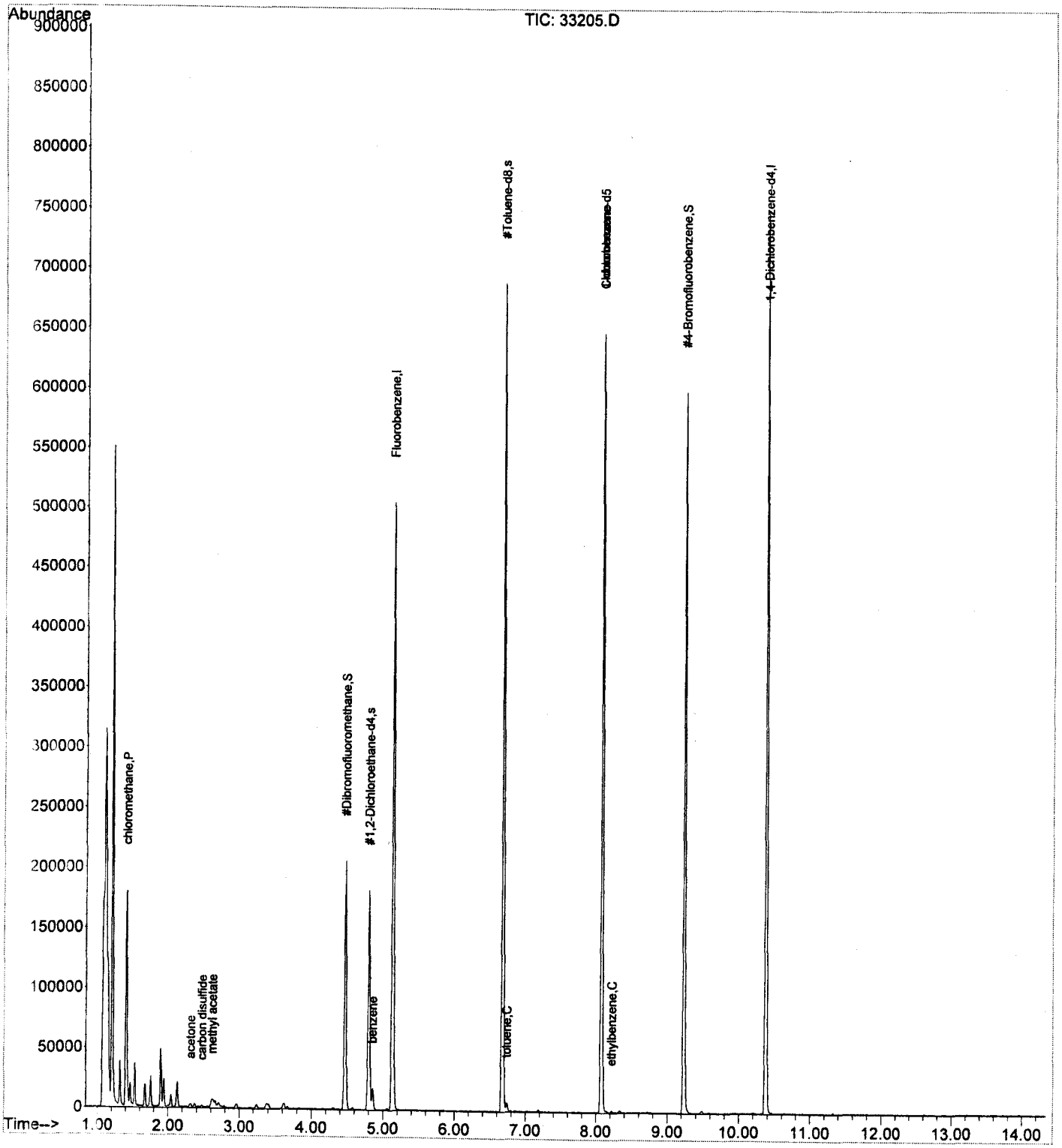
Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
1,2-Dichloroethane-d4	40.0	42.2	106	87 - 123	
Toluene-d8	40.0	38.0	95	91 - 107	
4-Bromofluorobenzene	40.0	39.4	98	84 - 106	

Internal Standard	Area	RT	Ref. Area	Ref. RT	Q
Fluorobenzene	430498	5.13	495489	5.13	
Chlorobenzene-d5	366530	8.08	453134	8.08	
1,4-Dichlorobenzene-d4	219034	10.38	273742	10.38	

* Values outside of QC limits


Abundance
TIC: 33205.D
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800000
750000
700000
650000
600000
550000
500000
450000
400000
350000
300000
250000
200000
150000
100000
50000
0
chloromethane,P
acetone
carbon disulfide
methyl acetate
#Dibromofluoromethane,S
#1,2-Dichloroethane-d4,s
benzene
Fluorobenzene,I
#Toluene-d8,s
toluene,C
ethylbenzene,C
#4-Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->
1.00
2.00
3.00
4.00
5.00
6.00
7.00
8.00
9.00
10.00
11.00
12.00
13.00
14.00

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33205.D
Acq On : 28 Dec 2010 16:12
Operator : DLV
Sample : 1012332-05
Misc : MWH
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 28 16:27:22 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

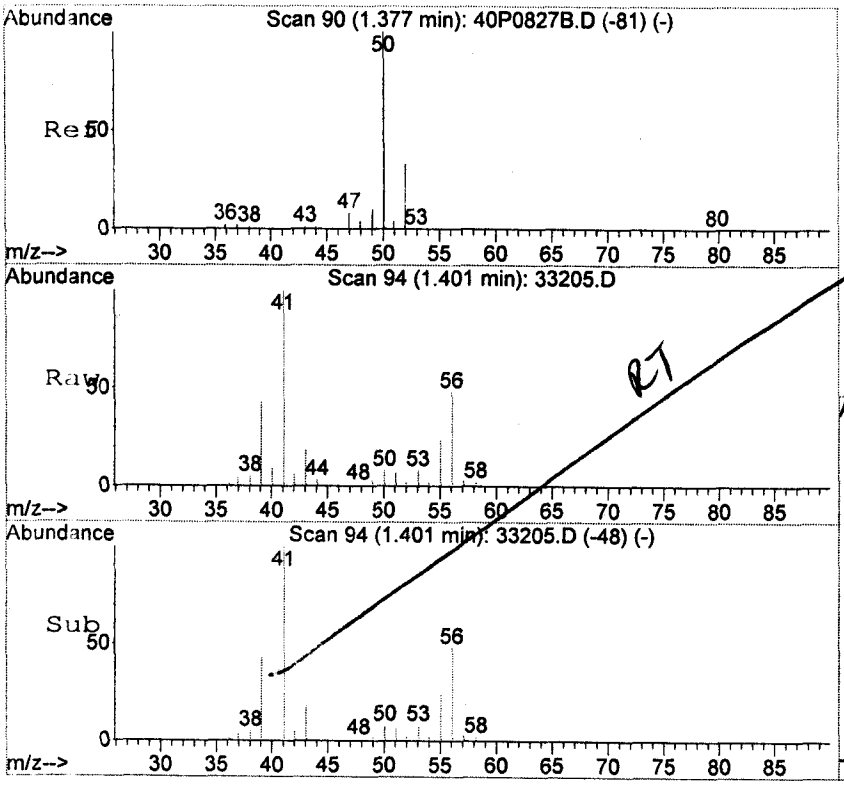
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	430498	40.00	ug/L	0.00
50) Chlorobenzene-d5	8.08	117	366530	40.00	ug/L	86.88% 0.00
65) 1,4-Dichlorobenzene-d4	10.38	152	219034	40.00	ug/L	80.89% 0.00
						80.01%
System Monitoring Compounds						
30) #Dibromofluoromethane	4.47	111	109947	38.64	ug/L	0.00
Spiked Amount 40.000			Recovery =	96.60%		
37) #1,2-Dichloroethane-d4	4.80	65	118693	42.21	ug/L	0.00
Spiked Amount 40.000			Recovery =	105.53%		
46) #Toluene-d8	6.67	98	427516	38.00	ug/L	0.00
Spiked Amount 40.000			Recovery =	95.00%		
64) #4-Bromofluorobenzene	9.23	95	172924	39.35	ug/L	0.00
Spiked Amount 40.000			Recovery =	98.38%		
Target Compounds						Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.		
3) chloromethane	1.40	50	6492	~~1.60~~	ug/L #	42
4) vinyl chloride	0.00	62	0	N.D.		
5) dichlorofluoromethane	0.00	67	0	N.D.		
6) bromomethane	0.00	94	0	N.D.		
7) chloroethane	0.00	64	0	N.D.		
8) trichlorofluoromethane	0.00	101	0	N.D.		
9) acrolein	0.00	56	0	N.D.		
10) ethyl ether	0.00	74	0	N.D.		
11) acrylonitrile	0.00	53	0	N.D.		
12) 1,1,2-trichloro-1,2,2-tr	0.00	101	0	N.D.		
13) 1,1-dichloroethene	0.00	96	0	N.D.		
14) iodomethane	0.00	142	0	N.D.		
15) acetone	2.32	43	3848	2.88	ug/L #	42
16) methyl acetate	2.61	43	2079	1.10	ug/L #	52
17) carbon disulfide	2.47	76	2245	0.25	ug/L #	75
18) methylene chloride	0.00	49	0	N.D.		
19) trans-1,2-dichloroethene	0.00	96	0	N.D.		
20) methyl (tert) butyl ethe	0.00	73	0	N.D.		
21) 1,1-dichloroethane	0.00	63	0	N.D.		
22) vinyl acetate	0.00	43	0	N.D.		
23) 2,2-dichloropropane	0.00	77	0	N.D.		
24) cis-1,2-dichloroethene	0.00	96	0	N.D.		
25) 2-butanone (MEK)	0.00	43	0	N.D.		
26) bromochloromethane	0.00	49	0	N.D.		
27) chloroform	0.00	83	0	N.D.		
28) tetrahydrofuran	0.00	71	0	N.D.		
29) 1,1,1-trichloroethane	0.00	97	0	N.D.		
31) carbon tetrachloride	0.00	117	0	N.D.		
32) 1,1-dichloropropene	0.00	75	0	N.D.		
33) cyclohexane	0.00	56	0	N.D.		
34) benzene	4.86	78	15454	0.86	ug/L	86
35) 1,2-dichloroethane	0.00	62	0	N.D.		
36) heptane	5.13	57	12373	No Calib	#	

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33205.D
Acq On : 28 Dec 2010 16:12
Operator : DLV
Sample : 1012332-05
Misc : MWH
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 28 16:27:22 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
38) trichloroethene	0.00	130	0	N.D.		
39) 1,2-dichloropropane	0.00	63	0	N.D.		
40) dibromomethane	0.00	93	0	N.D.		
41) bromodichloromethane	0.00	83	0	N.D.		
42) methylcyclohexane	0.00	83	0	N.D.		
43) 2-chloroethyl vinyl ethe	0.00	63	0	N.D.		
44) cis-1,3-dichloropropene	0.00	75	0	N.D.		
45) 4-methyl-2-pentanone (MI	0.00	43	0	N.D.		
47) toluene	6.74	91	4899	0.24	ug/L	99
48) trans-1,3-dichloropropen	0.00	75	0	N.D.		
49) 1,1,2-trichloroethane	0.00	83	0	N.D.		
51) tetrachloroethene	0.00	166	0	N.D.		
52) 1,3-dichloropropane	0.00	76	0	N.D.		
53) 2-hexanone (MBK)	0.00	43	0	N.D.		
54) dibromochloromethane	0.00	129	0	N.D.		
55) 1,2-dibromoethane	0.00	109	0	N.D.		
56) chlorobenzene	0.00	112	0	N.D.		
57) 1,1,1,2-tetrachloroethan	0.00	131	0	N.D.		
58) 1-chlorohexane	8.08	55	2646	0.06	ug/L #	1
59) ethylbenzene	8.22	91	1550	0.07	ug/L #	41
60) m+p-xylene	0.00	106	0	N.D.		
61) o-xylene	0.00	106	0	N.D.		
62) styrene	0.00	104	0	N.D.		
63) bromoform	0.00	173	0	N.D.		
66) isopropylbenzene	0.00	105	0	N.D.		
67) bromobenzene	0.00	77	0	N.D.		
68) 1,1,2,2-tetrachloroethan	0.00	83	0	N.D.		
69) 1,4-dichloro-2-butene	0.00	53	0	N.D.		
70) 1,2,3-trichloropropane	0.00	75	0	N.D.		
71) n-propylbenzene	0.00	120	0	N.D.		
72) 2-chlorotoluene	0.00	126	0	N.D.		
73) 1,3,5-trimethylbenzene	0.00	105	0	N.D.		
74) 4-chlorotoluene	0.00	126	0	N.D.		
75) tert-butylbenzene	0.00	119	0	N.D.		
76) 1,2,4-trimethylbenzene	0.00	105	0	N.D.		
77) sec-butylbenzene	0.00	105	0	N.D.		
78) 4-isopropyltoluene	0.00	119	0	N.D.		
79) 1,3-dichlorobenzene	0.00	146	0	N.D.		
80) 1,4-dichlorobenzene	0.00	146	0	N.D.		
81) 1,2-dichlorobenzene	0.00	146	0	N.D.		
82) n-butylbenzene	0.00	91	0	N.D.		
83) 1,2-dibromo-3-chloroprop	0.00	157	0	N.D.		
84) hexachloroethane	0.00	201	0	N.D.		
85) 1,2,4-trichlorobenzene	0.00	180	0	N.D.		
86) hexachlorobutadiene	0.00	225	0	N.D.		
87) naphthalene	0.00	128	0	N.D.		
88) 1,2,3-trichlorobenzene	0.00	180	0	N.D.		
89) 2-methylnaphthalene	0.00	142	0	N.D.		

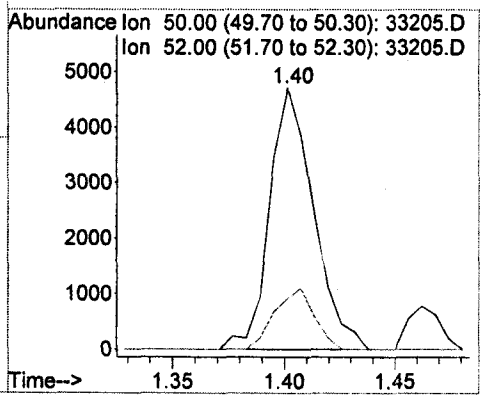
(#) = qualifier out of range (m) = manual integration (+) = signals summed

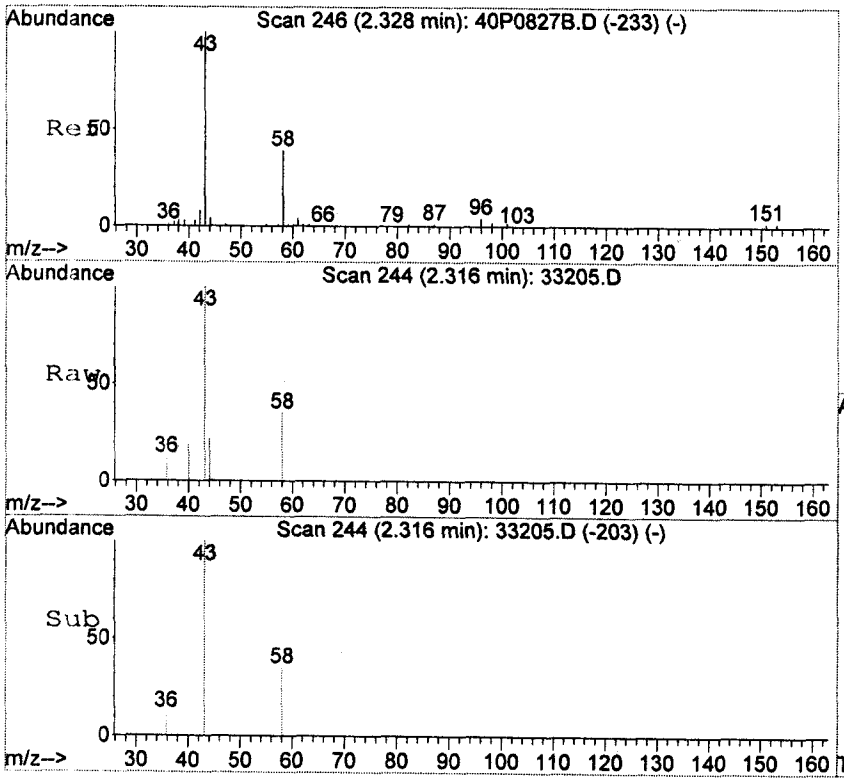


#3
chloromethane
Concen: 1.60 ug/L
RT: 1.40 min Scan# 94
Delta R.T. 0.03 min
Lab File: 33205.D
Acq: 28 Dec 2010 16:12

Tgt Ion: 50 Resp: 6492

Ion	Ratio	Lower	Upper
50	100		
52	0.0	13.0	53.0#

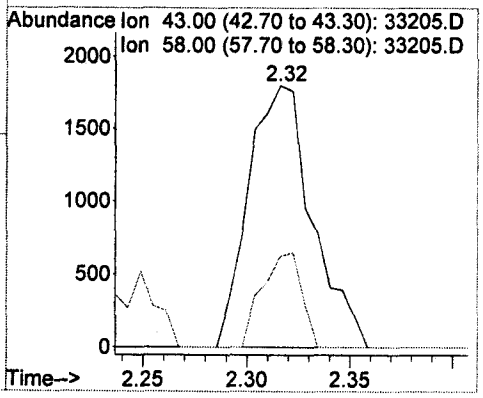


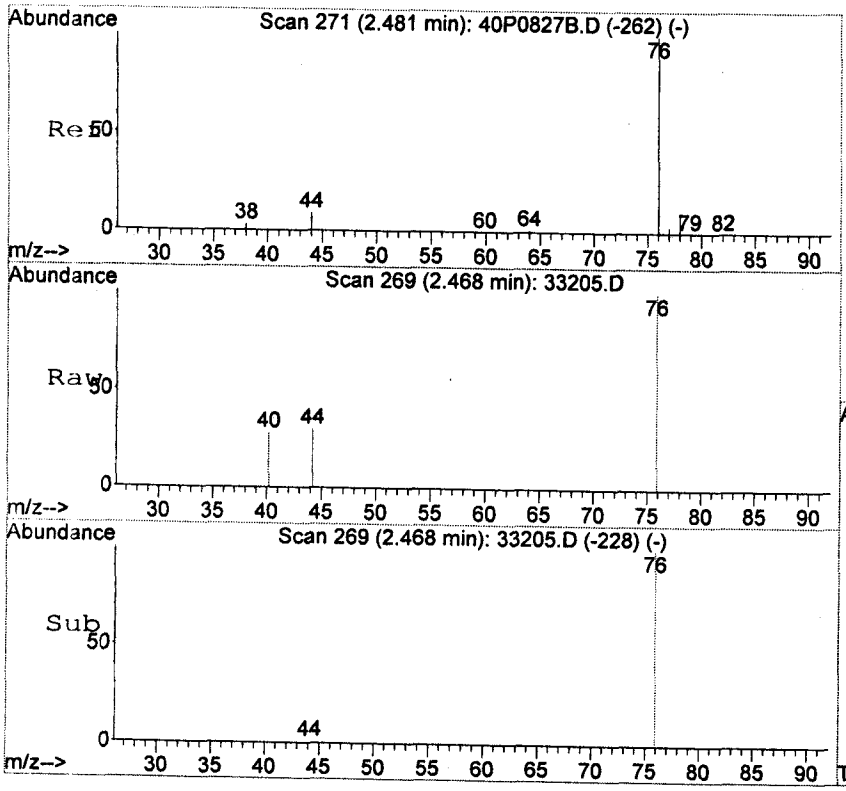


#15
acetone
Concen: 2.88 ug/L
RT: 2.32 min Scan# 244
Delta R.T. 0.00 min
Lab File: 33205.D
Acq: 28 Dec 2010 16:12

Tgt Ion: 43 Resp: 3848

Ion	Ratio	Lower	Upper
43	100		
58	0.0	12.3	52.3#

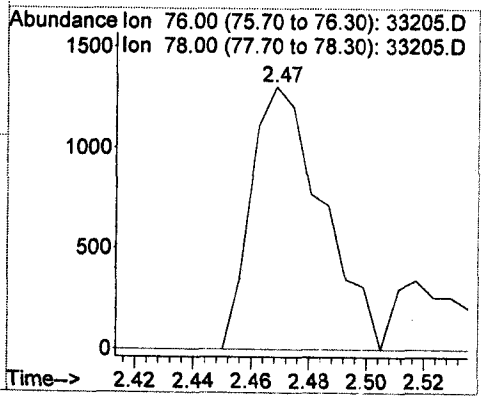


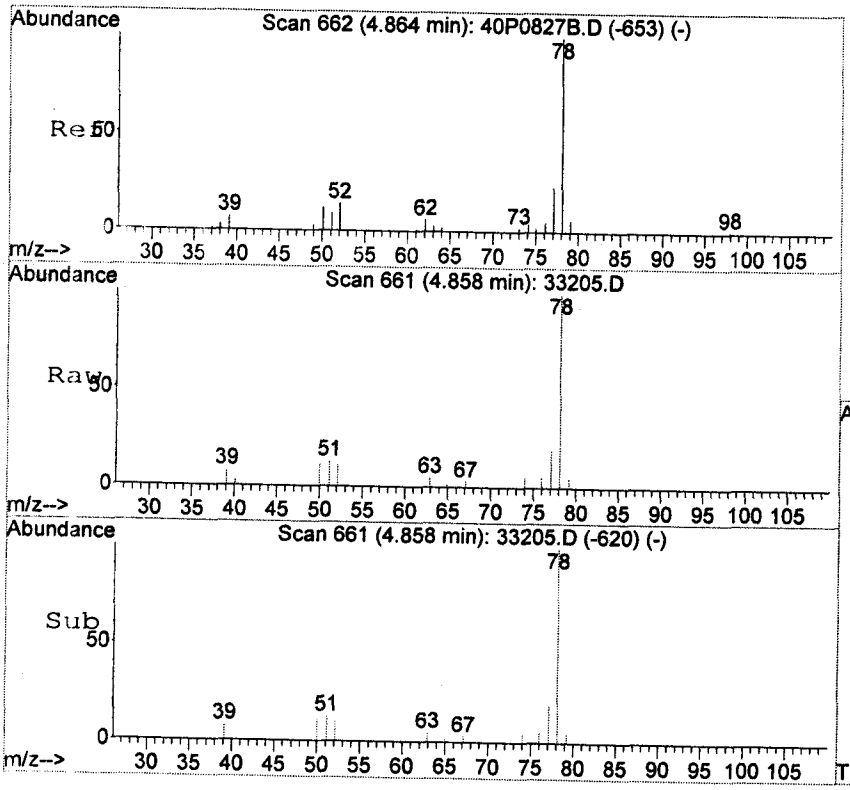


#17
carbon disulfide
Concen: 0.25 ug/L
RT: 2.47 min Scan# 269
Delta R.T. -0.00 min
Lab File: 33205.D
Acq: 28 Dec 2010 16:12

Tgt Ion: 76 Resp: 2245

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	29.1

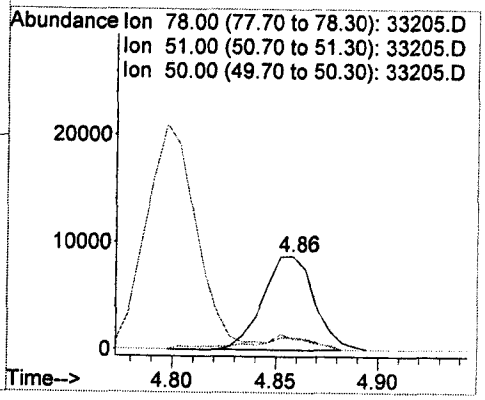


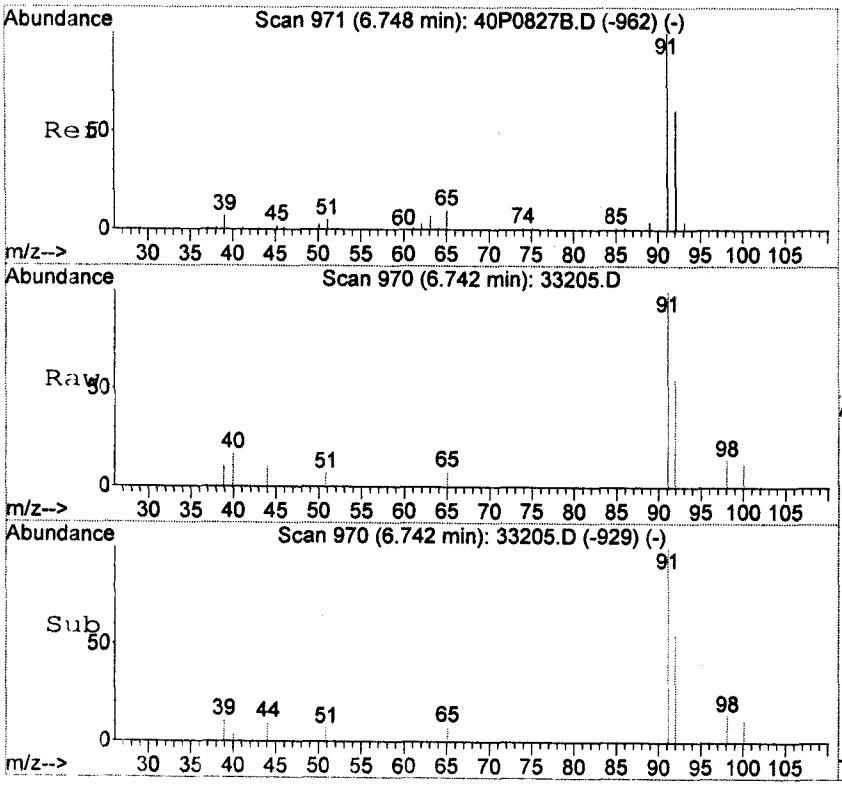


#34
benzene
Concen: 0.86 ug/L
RT: 4.86 min Scan# 661
Delta R.T. -0.00 min
Lab File: 33205.D
Acq: 28 Dec 2010 16:12

Tgt Ion: 78 Resp: 15454

Ion	Ratio	Lower	Upper
78	100		
51	10.2	0.0	36.9
50	18.0	0.0	33.4

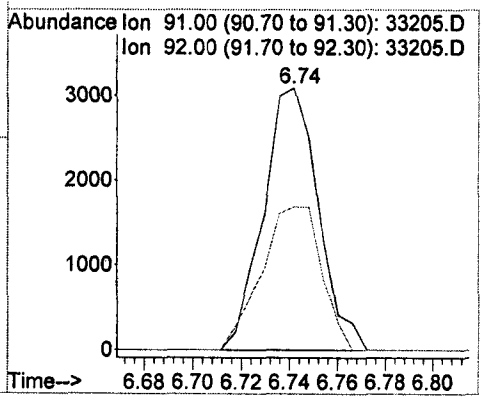




#47
toluene
Concen: 0.24 ug/L
RT: 6.74 min Scan# 970
Delta R.T. -0.00 min
Lab File: 33205.D
Acq: 28 Dec 2010 16:12

Tgt Ion: 91 Resp: 4899

Ion	Ratio	Lower	Upper
91	100		
92	59.7	40.4	80.4



ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-20D

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-06 File ID: 33206.D

Sampled: 12/16/10 13:35 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 16:49

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
67-64-1	Acetone	1	5.0	2.1	5.0	U
71-43-2	Benzene	1	1.0	0.18	1.0	U
108-86-1	Bromobenzene	1	1.0	0.19	1.0	U
74-97-5	Bromochloromethane	1	1.0	0.18	1.0	U
75-27-4	Bromodichloromethane	1	1.0	0.13	1.0	U
75-25-2	Bromoform	1	1.0	0.15	1.0	U
74-83-9	Bromomethane	1	1.0	0.18	1.0	U
104-51-8	n-Butylbenzene	1	1.0	0.18	1.0	U
135-98-8	sec-Butylbenzene	1	1.0	0.18	1.0	U
98-06-6	tert-Butylbenzene	1	1.0	0.15	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	0.13	1.0	U
108-90-7	Chlorobenzene	1	1.0	0.19	1.0	U
75-00-3	Chloroethane	1	1.0	0.15	1.0	U
67-66-3	Chloroform	1	0.79	0.17	1.0	J
74-87-3	Chloromethane	1	1.0	0.16	1.0	U
95-49-8	2-Chlorotoluene	1	1.0	0.16	1.0	U
106-43-4	4-Chlorotoluene	1	1.0	0.12	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	0.40	1.0	U
124-48-1	Dibromochloromethane	1	1.0	0.14	1.0	U
106-93-4	1,2-Dibromoethane	1	1.0	0.22	1.0	U
74-95-3	Dibromomethane	1	1.0	0.23	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	0.12	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	0.13	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	0.12	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	0.21	1.0	U
75-34-3	1,1-Dichloroethane	1	0.58	0.13	1.0	J
107-06-2	1,2-Dichloroethane	1	1.0	0.13	1.0	U
75-35-4	1,1-Dichloroethene	1	14	0.13	1.0	
156-59-2	cis-1,2-Dichloroethene	1	1.0	0.23	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	0.20	1.0	U
78-87-5	1,2-Dichloropropane	1	1.0	0.15	1.0	U
142-28-9	1,3-Dichloropropane	1	1.0	0.14	1.0	U
594-20-7	2,2-Dichloropropane	1	1.0	0.18	1.0	U

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-20D

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-06 File ID: 33206.D

Sampled: 12/16/10 13:35 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 16:49

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
563-58-6	1,1-Dichloropropene	1	1.0	0.25	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	0.25	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	0.23	1.0	U
100-41-4	Ethylbenzene	1	1.0	0.14	1.0	U
87-68-3	Hexachlorobutadiene	1	1.0	0.28	1.0	U
98-82-8	Isopropylbenzene	1	1.0	0.15	1.0	U
99-87-6	4-Isopropyltoluene	1	1.0	0.29	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	0.28	1.0	U
75-09-2	Methylene Chloride	1	1.0	0.26	1.0	U
78-93-3	2-Butanone (MEK)	1	5.0	0.55	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	0.28	5.0	U
91-20-3	Naphthalene	1	5.0	0.37	5.0	U
103-65-1	n-Propylbenzene	1	1.0	0.15	1.0	U
100-42-5	Styrene	1	1.0	0.11	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1	1.0	0.16	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	0.070	1.0	U
127-18-4	Tetrachloroethene	1	1.0	0.16	1.0	U
108-88-3	Toluene	1	1.0	0.16	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1	1.0	0.18	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	0.16	1.0	U
71-55-6	1,1,1-Trichloroethane	1	1.0	0.19	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	0.18	1.0	U
79-01-6	Trichloroethene	1	1.0	0.092	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	0.20	1.0	U
96-18-4	1,2,3-Trichloropropane	1	1.0	0.28	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1	1.0	0.16	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1	1.0	0.18	1.0	U
75-01-4	Vinyl Chloride	1	1.0	0.10	1.0	U
136777-61-2	Xylene, Meta + Para	1	2.0	0.28	2.0	U
95-47-6	Xylene, Ortho	1	1.0	0.14	1.0	U

System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
Dibromofluoromethane	40.0	40.0	100	88 - 116	

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-20D

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-06 File ID: 33206.D

Sampled: 12/16/10 13:35 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 16:49

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

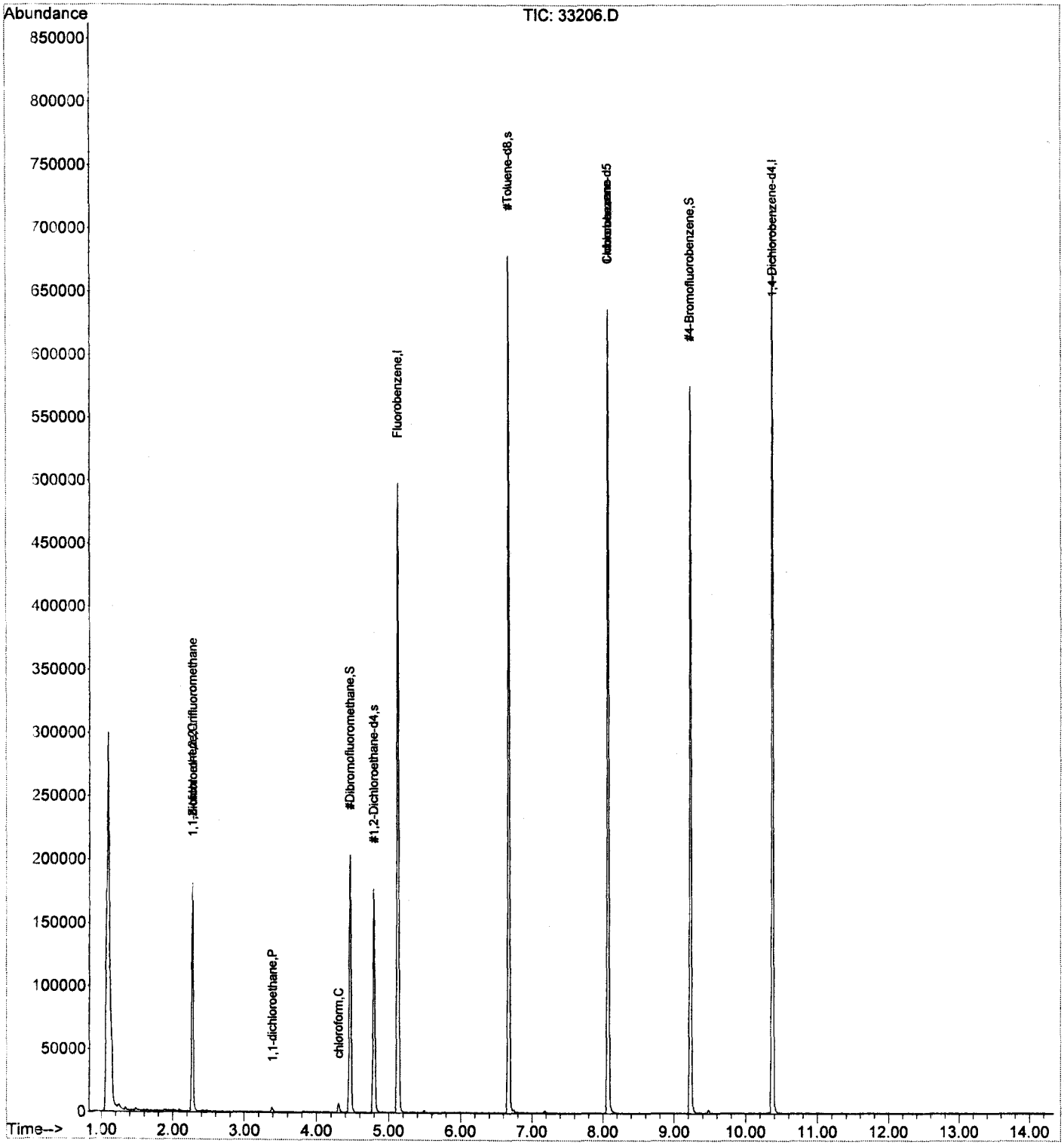
System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
1,2-Dichloroethane-d4	40.0	42.2	106	87 - 123	
Toluene-d8	40.0	38.1	95	91 - 107	
4-Bromofluorobenzene	40.0	39.9	100	84 - 106	

Internal Standard	Area	RT	Ref. Area	Ref. RT	Q
Fluorobenzene	421896	5.13	495489	5.13	
Chlorobenzene-d5	355555	8.08	453134	8.08	
1,4-Dichlorobenzene-d4	210084	10.38	273742	10.38	

* Values outside of QC limits

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33206.D
Acq On : 28 Dec 2010 16:49
Operator : DLV
Sample : 1012332-06
Misc : MWH
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 28 17:04:04 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration



Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33206.D
Acq On : 28 Dec 2010 16:49
Operator : DLV
Sample : 1012332-06
Misc : MWH
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 28 17:04:04 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

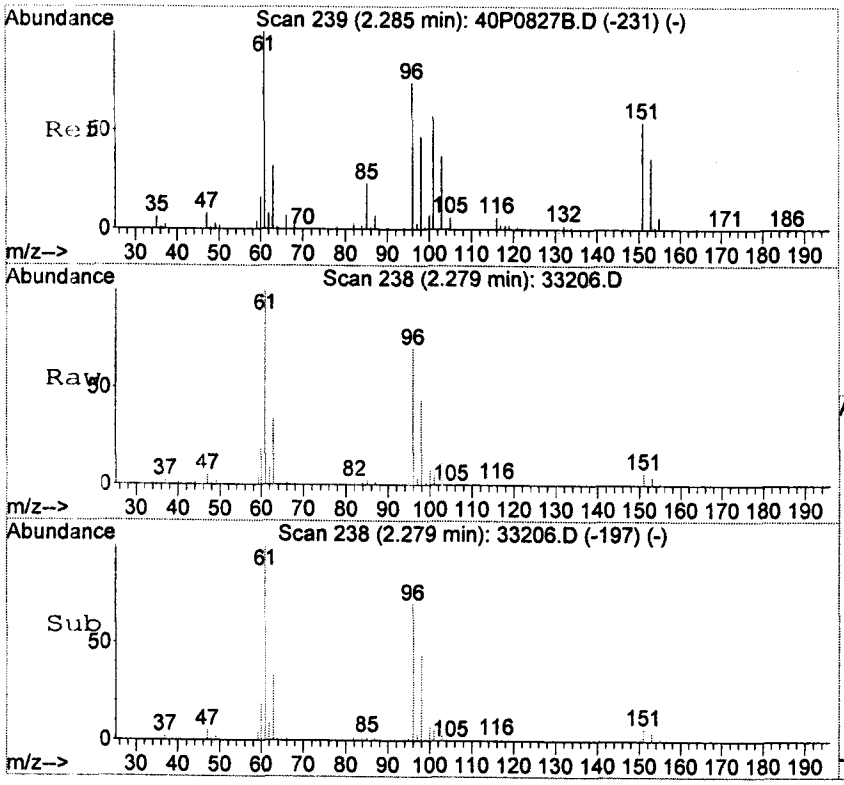
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	421896	40.00 ug/L	0.00 85.15%
50) Chlorobenzene-d5	8.08	117	355555	40.00 ug/L	0.00 78.47%
65) 1,4-Dichlorobenzene-d4	10.38	152	210084	40.00 ug/L	0.00 76.75%
System Monitoring Compounds					
30) #Dibromofluoromethane	4.47	111	111467	39.98 ug/L	0.00
Spiked Amount 40.000			Recovery =	99.95%	
37) #1,2-Dichloroethane-d4	4.80	65	116301	42.20 ug/L	0.00
Spiked Amount 40.000			Recovery =	105.50%	
46) #Toluene-d8	6.67	98	420183	38.11 ug/L	0.00
Spiked Amount 40.000			Recovery =	95.28%	
64) #4-Bromofluorobenzene	9.23	95	169918	39.86 ug/L	0.00
Spiked Amount 40.000			Recovery =	99.65%	
Target Compounds					Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.	
3) chloromethane	0.00	50	0	N.D.	
4) vinyl chloride	0.00	62	0	N.D.	
5) dichlorofluoromethane	0.00	67	0	N.D.	
6) bromomethane	0.00	94	0	N.D.	
7) chloroethane	0.00	64	0	N.D.	
8) trichlorofluoromethane	0.00	101	0	N.D.	
9) acrolein	0.00	56	0	N.D.	
10) ethyl ether	0.00	74	0	N.D.	
11) acrylonitrile	0.00	53	0	N.D.	
12) 1,1,2-trichloro-1,2,2-trif	2.27	101	5414	1.67 ug/L	97
13) 1,1-dichloroethene	2.28	96	55012	14.16 ug/L	95
14) iodomethane	0.00	142	0	N.D.	
15) acetone	0.00	43	0	N.D.	
16) methyl acetate	0.00	43	0	N.D.	
17) carbon disulfide	0.00	76	0	N.D.	
18) methylene chloride	0.00	49	0	N.D.	
19) trans-1,2-dichloroethene	0.00	96	0	N.D.	
20) methyl (tert) butyl ethe	0.00	73	0	N.D.	
21) 1,1-dichloroethane	3.39	63	4038	0.58 ug/L #	49
22) vinyl acetate	0.00	43	0	N.D.	
23) 2,2-dichloropropane	0.00	77	0	N.D.	
24) cis-1,2-dichloroethene	0.00	96	0	N.D.	
25) 2-butanone (MEK)	0.00	43	0	N.D.	
26) bromochloromethane	0.00	49	0	N.D.	
27) chloroform	4.31	83	6170	0.79 ug/L	95
28) tetrahydrofuran	0.00	71	0	N.D.	
29) 1,1,1-trichloroethane	0.00	97	0	N.D.	
31) carbon tetrachloride	0.00	117	0	N.D.	
32) 1,1-dichloropropene	0.00	75	0	N.D.	
33) cyclohexane	0.00	56	0	N.D.	
34) benzene	0.00	78	0	N.D.	
35) 1,2-dichloroethane	0.00	62	0	N.D.	
36) heptane	5.13	57	11586	No Calib #	

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33206.D
Acq On : 28 Dec 2010 16:49
Operator : DLV
Sample : 1012332-06
Misc : MWH
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 28 17:04:04 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
38) trichloroethene	0.00	130	0	N.D.	
39) 1,2-dichloropropane	0.00	63	0	N.D.	
40) dibromomethane	0.00	93	0	N.D.	
41) bromodichloromethane	0.00	83	0	N.D.	
42) methylcyclohexane	0.00	83	0	N.D.	
43) 2-chloroethyl vinyl ethe	0.00	63	0	N.D.	
44) cis-1,3-dichloropropene	0.00	75	0	N.D.	
45) 4-methyl-2-pentanone (MI	0.00	43	0	N.D.	
47) toluene	0.00	91	0	N.D.	
48) trans-1,3-dichloropropen	0.00	75	0	N.D.	
49) 1,1,2-trichloroethane	0.00	83	0	N.D.	
51) tetrachloroethene	0.00	166	0	N.D.	
52) 1,3-dichloropropane	0.00	76	0	N.D.	
53) 2-hexanone (MBK)	0.00	43	0	N.D.	
54) dibromochloromethane	0.00	129	0	N.D.	
55) 1,2-dibromoethane	0.00	109	0	N.D.	
56) chlorobenzene	0.00	112	0	N.D.	
57) 1,1,1,2-tetrachloroethan	0.00	131	0	N.D.	
58) 1-chlorohexane	8.07	55	2747	0.12 ug/L #	1
59) ethylbenzene	0.00	91	0	N.D.	
60) m+p-xylene	0.00	106	0	N.D.	
61) o-xylene	0.00	106	0	N.D.	
62) styrene	0.00	104	0	N.D.	
63) bromoform	0.00	173	0	N.D.	
66) isopropylbenzene	0.00	105	0	N.D.	
67) bromobenzene	0.00	77	0	N.D.	
68) 1,1,2,2-tetrachloroethan	0.00	83	0	N.D.	
69) 1,4-dichloro-2-butene	0.00	53	0	N.D.	
70) 1,2,3-trichloropropane	0.00	75	0	N.D.	
71) n-propylbenzene	0.00	120	0	N.D.	
72) 2-chlorotoluene	0.00	126	0	N.D.	
73) 1,3,5-trimethylbenzene	0.00	105	0	N.D.	
74) 4-chlorotoluene	0.00	126	0	N.D.	
75) tert-butylbenzene	0.00	119	0	N.D.	
76) 1,2,4-trimethylbenzene	0.00	105	0	N.D.	
77) sec-butylbenzene	0.00	105	0	N.D.	
78) 4-isopropyltoluene	0.00	119	0	N.D.	
79) 1,3-dichlorobenzene	0.00	146	0	N.D.	
80) 1,4-dichlorobenzene	0.00	146	0	N.D.	
81) 1,2-dichlorobenzene	0.00	146	0	N.D.	
82) n-butylbenzene	0.00	91	0	N.D.	
83) 1,2-dibromo-3-chloroprop	0.00	157	0	N.D.	
84) hexachloroethane	0.00	201	0	N.D.	
85) 1,2,4-trichlorobenzene	0.00	180	0	N.D.	
86) hexachlorobutadiene	0.00	225	0	N.D.	
87) naphthalene	0.00	128	0	N.D.	
88) 1,2,3-trichlorobenzene	0.00	180	0	N.D.	
89) 2-methylnaphthalene	0.00	142	0	N.D.	

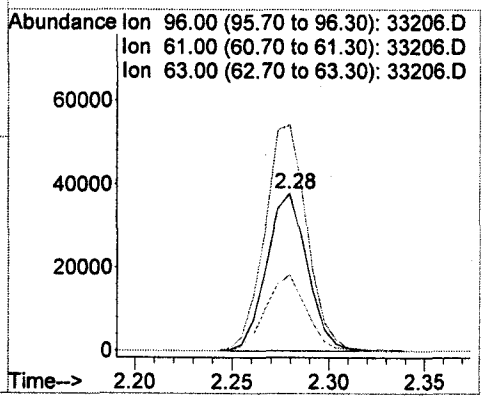
(#) = qualifier out of range (m) = manual integration (+) = signals summed

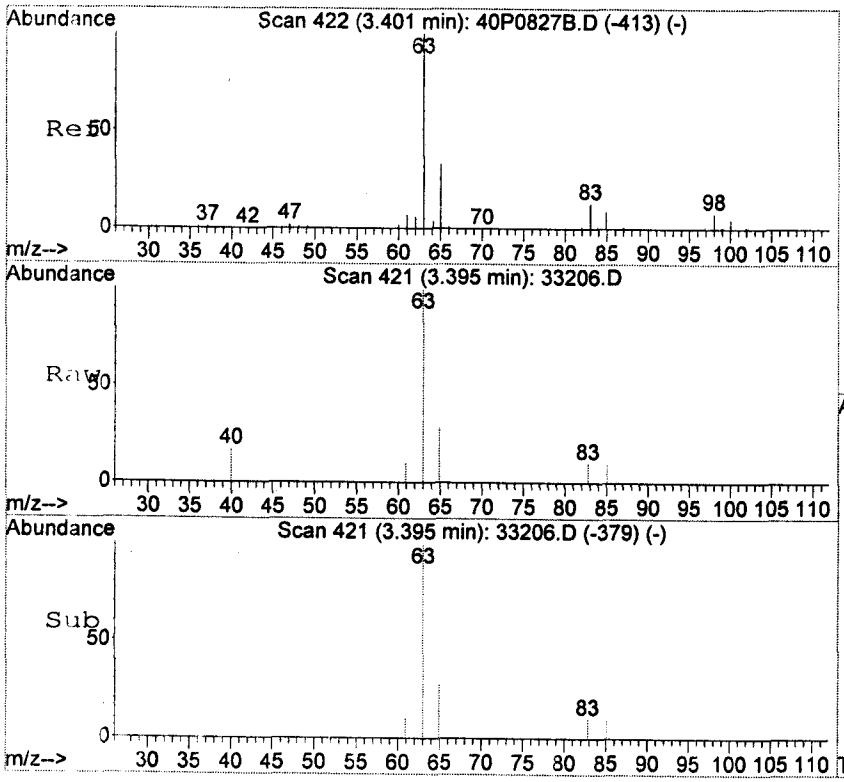


#13
1,1-dichloroethene
Concen: 14.16 ug/L
RT: 2.28 min Scan# 238
Delta R.T. -0.00 min
Lab File: 33206.D
Acq: 28 Dec 2010 16:49

Tgt Ion: 96 Resp: 55012

Ion	Ratio	Lower	Upper
96	100		
61	149.0	122.3	162.3
63	48.1	25.8	65.8

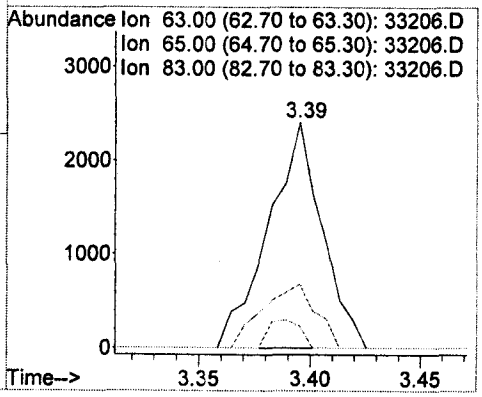


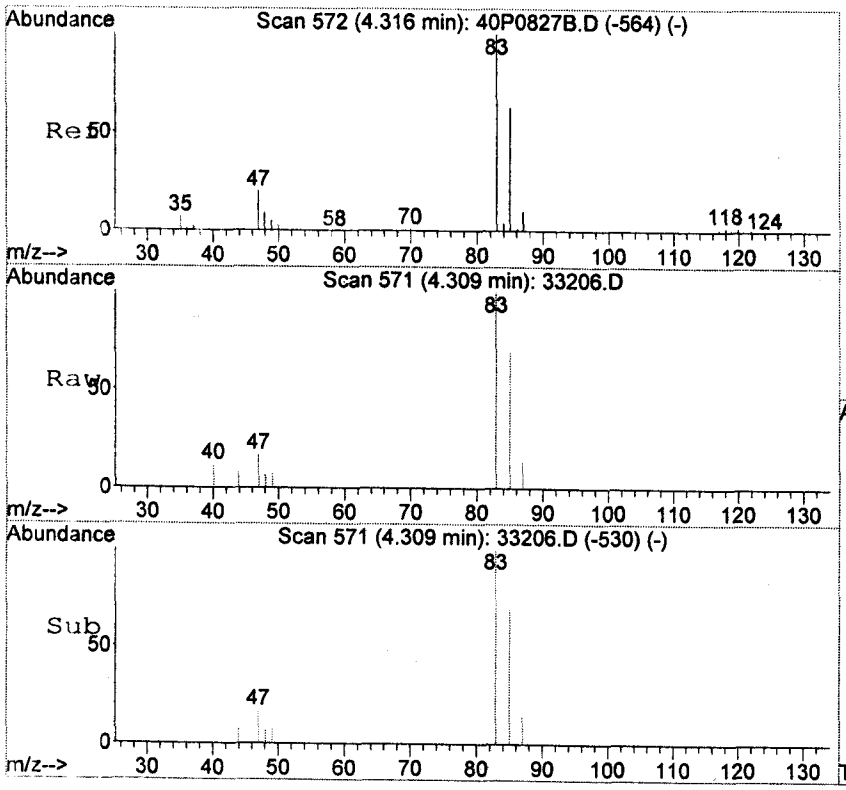


#21
1,1-dichloroethane
Concen: 0.58 ug/L
RT: 3.39 min Scan# 421
Delta R.T. 0.01 min
Lab File: 33206.D
Acq: 28 Dec 2010 16:49

Tgt Ion: 63 Resp: 4038

Ion	Ratio	Lower	Upper
63	100		
65	0.0	12.1	52.1#
83	0.0	0.0	34.2

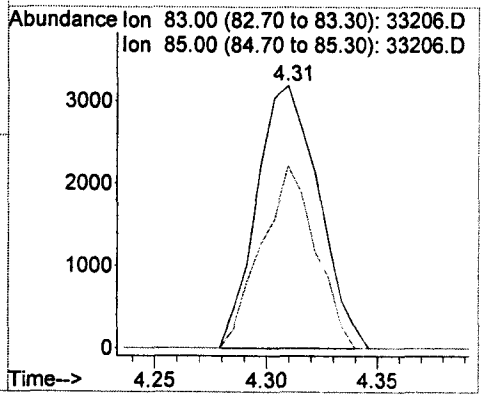




#27
chloroform
Concen: 0.79 ug/L
RT: 4.31 min Scan# 571
Delta R.T. -0.00 min
Lab File: 33206.D
Acq: 28 Dec 2010 16:49

Tgt Ion: 83 Resp: 6170

Ion	Ratio	Lower	Upper
83	100		
85	60.7	44.9	84.9



ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-20S

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-07 File ID: 33207.D

Sampled: 12/16/10 14:20 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 17:26

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
67-64-1	Acetone	1	5.0	2.1	5.0	U
71-43-2	Benzene	1	1.0	0.18	1.0	U
108-86-1	Bromobenzene	1	1.0	0.19	1.0	U
74-97-5	Bromochloromethane	1	1.0	0.18	1.0	U
75-27-4	Bromodichloromethane	1	1.0	0.13	1.0	U
75-25-2	Bromoform	1	1.0	0.15	1.0	U
74-83-9	Bromomethane	1	1.0	0.18	1.0	U
104-51-8	n-Butylbenzene	1	1.0	0.18	1.0	U
135-98-8	sec-Butylbenzene	1	1.0	0.18	1.0	U
98-06-6	tert-Butylbenzene	1	1.0	0.15	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	0.13	1.0	U
108-90-7	Chlorobenzene	1	1.0	0.19	1.0	U
75-00-3	Chloroethane	1	1.0	0.15	1.0	U
67-66-3	Chloroform	1	0.48	0.17	1.0	J
74-87-3	Chloromethane	1	1.0	0.16	1.0	U
95-49-8	2-Chlorotoluene	1	1.0	0.16	1.0	U
106-43-4	4-Chlorotoluene	1	1.0	0.12	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	0.40	1.0	U
124-48-1	Dibromochloromethane	1	1.0	0.14	1.0	U
106-93-4	1,2-Dibromoethane	1	1.0	0.22	1.0	U
74-95-3	Dibromomethane	1	1.0	0.23	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	0.12	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	0.13	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	0.12	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	0.21	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	0.13	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	0.13	1.0	U
75-35-4	1,1-Dichloroethene	1	0.67	0.13	1.0	J
156-59-2	cis-1,2-Dichloroethene	1	1.0	0.23	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	0.20	1.0	U
78-87-5	1,2-Dichloropropane	1	1.0	0.15	1.0	U
142-28-9	1,3-Dichloropropane	1	1.0	0.14	1.0	U
594-20-7	2,2-Dichloropropane	1	1.0	0.18	1.0	U

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-20S

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-07 File ID: 33207.D

Sampled: 12/16/10 14:20 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 17:26

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
563-58-6	1,1-Dichloropropene	1	1.0	0.25	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	0.25	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	0.23	1.0	U
100-41-4	Ethylbenzene	1	1.0	0.14	1.0	U
87-68-3	Hexachlorobutadiene	1	1.0	0.28	1.0	U
98-82-8	Isopropylbenzene	1	1.0	0.15	1.0	U
99-87-6	4-Isopropyltoluene	1	1.0	0.29	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	0.28	1.0	U
75-09-2	Methylene Chloride	1	1.0	0.26	1.0	U
78-93-3	2-Butanone (MEK)	1	5.0	0.55	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	0.28	5.0	U
91-20-3	Naphthalene	1	5.0	0.37	5.0	U
103-65-1	n-Propylbenzene	1	1.0	0.15	1.0	U
100-42-5	Styrene	1	1.0	0.11	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1	1.0	0.16	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	0.070	1.0	U
127-18-4	Tetrachloroethene	1	1.0	0.16	1.0	U
108-88-3	Toluene	1	1.0	0.16	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1	1.0	0.18	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	0.16	1.0	U
71-55-6	1,1,1-Trichloroethane	1	1.0	0.19	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	0.18	1.0	U
79-01-6	Trichloroethene	1	1.0	0.092	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	0.20	1.0	U
96-18-4	1,2,3-Trichloropropane	1	1.0	0.28	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1	1.0	0.16	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1	1.0	0.18	1.0	U
75-01-4	Vinyl Chloride	1	1.0	0.10	1.0	U
136777-61-2	Xylene, Meta + Para	1	2.0	0.28	2.0	U
95-47-6	Xylene, Ortho	1	1.0	0.14	1.0	U

System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
Dibromofluoromethane	40.0	39.7	99	88 - 116	

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-20S

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-07 File ID: 33207.D

Sampled: 12/16/10 14:20 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 17:26

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

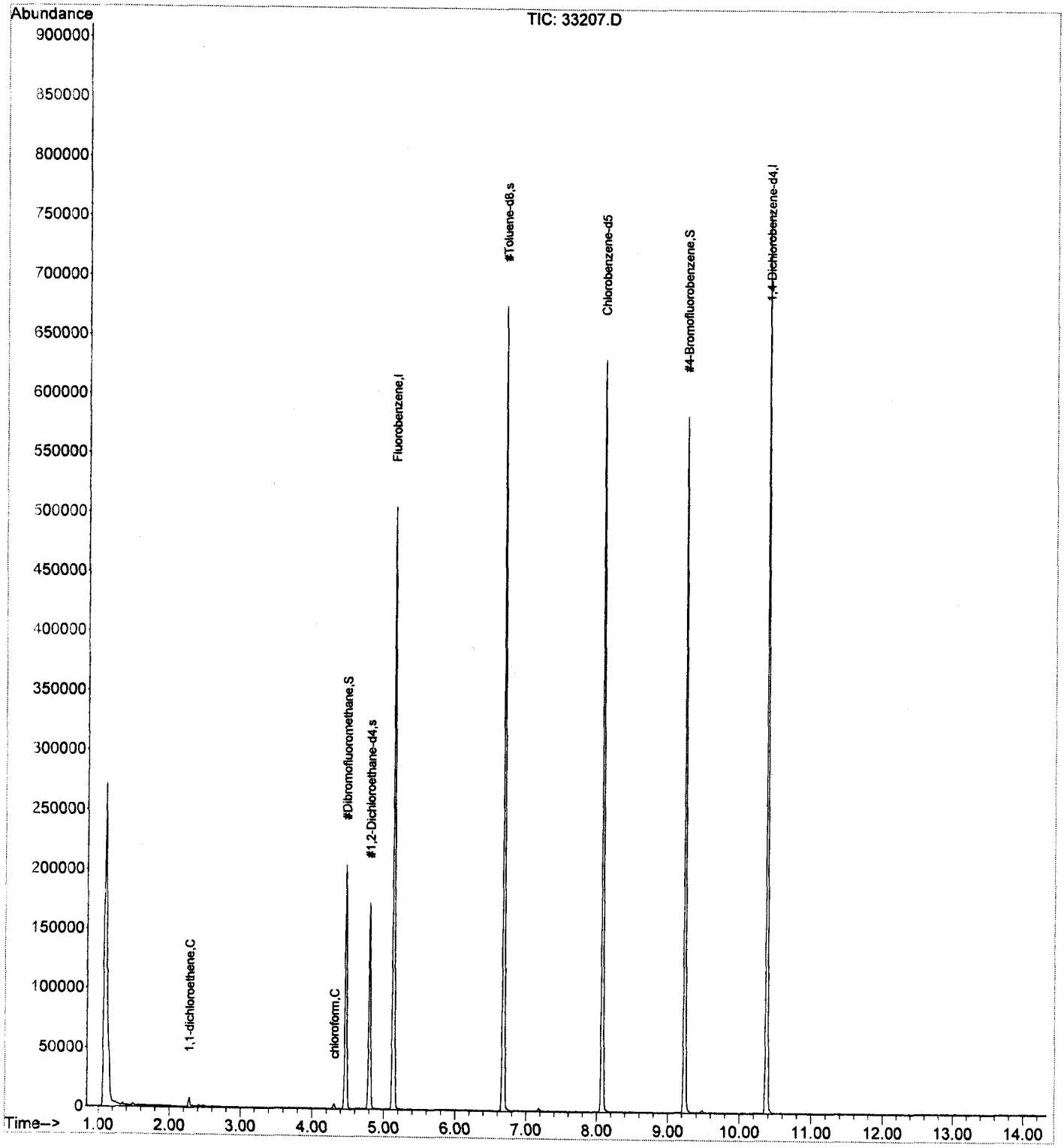
System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
1,2-Dichloroethane-d4	40.0	42.4	106	87 - 123	
Toluene-d8	40.0	38.6	96	91 - 107	
4-Bromofluorobenzene	40.0	40.0	100	84 - 106	

Internal Standard	Area	RT	Ref. Area	Ref. RT	Q
Fluorobenzene	423187	5.13	495489	5.13	
Chlorobenzene-d5	362866	8.08	453134	8.08	
1,4-Dichlorobenzene-d4	215036	10.38	273742	10.38	

* Values outside of QC limits

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33207.D
Acq On : 28 Dec 2010 17:26
Operator : DLV
Sample : 1012332-07
Misc : MWH
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 28 17:40:37 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration



Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33207.D
Acq On : 28 Dec 2010 17:26
Operator : DLV
Sample : 1012332-07
Misc : MWH
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 28 17:40:37 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

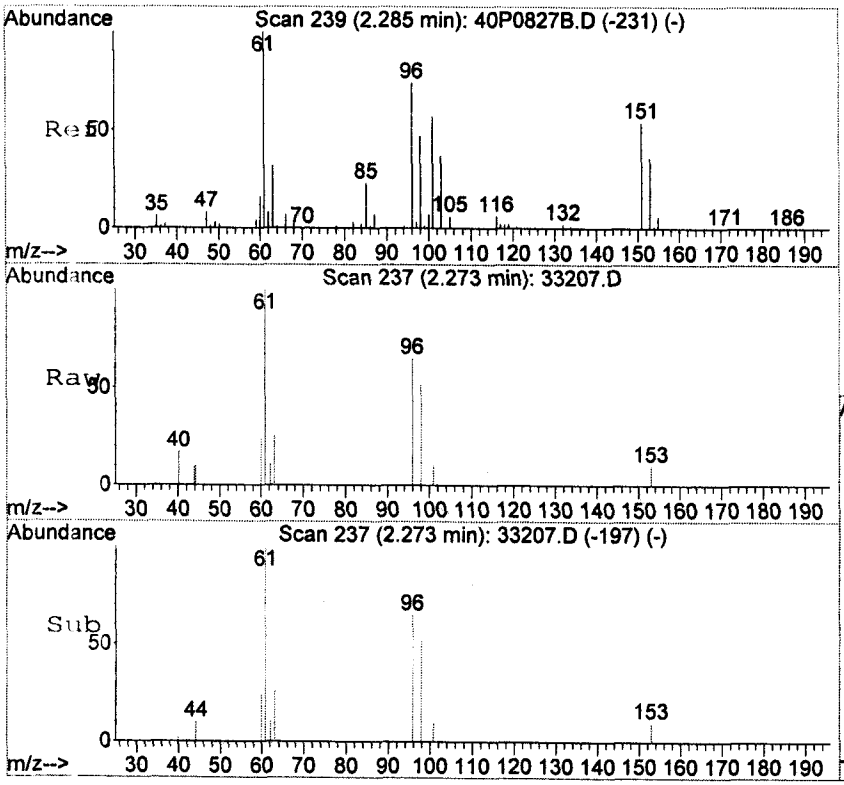
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	423187	40.00	ug/L	0.00 85.41%
50) Chlorobenzene-d5	8.08	117	362866	40.00	ug/L	0.00 80.08%
65) 1,4-Dichlorobenzene-d4	10.38	152	215036	40.00	ug/L	0.00 78.55%
System Monitoring Compounds						
30) #Dibromofluoromethane	4.47	111	111036	39.70	ug/L	0.00
Spiked Amount 40.000			Recovery =	99.25%		
37) #1,2-Dichloroethane-d4	4.80	65	117288	42.43	ug/L	0.00
Spiked Amount 40.000			Recovery =	106.08%		
46) #Toluene-d8	6.67	98	426916	38.60	ug/L	0.00
Spiked Amount 40.000			Recovery =	96.50%		
64) #4-Bromofluorobenzene	9.23	95	173856	39.96	ug/L	0.00
Spiked Amount 40.000			Recovery =	99.90%		
Target Compounds						Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.		
3) chloromethane	0.00	50	0	N.D.		
4) vinyl chloride	0.00	62	0	N.D.		
5) dichlorofluoromethane	0.00	67	0	N.D.		
6) bromomethane	0.00	94	0	N.D.		
7) chloroethane	0.00	64	0	N.D.		
8) trichlorofluoromethane	0.00	101	0	N.D.		
9) acrolein	0.00	56	0	N.D.		
10) ethyl ether	0.00	74	0	N.D.		
11) acrylonitrile	0.00	53	0	N.D.		
12) 1,1,2-trichloro-1,2,2-tr	0.00	101	0	N.D.		
13) 1,1-dichloroethene	2.27	96	2593	0.67	ug/L #	79
14) iodomethane	0.00	142	0	N.D.		
15) acetone	0.00	43	0	N.D.		
16) methyl acetate	0.00	43	0	N.D.		
17) carbon disulfide	0.00	76	0	N.D.		
18) methylene chloride	0.00	49	0	N.D.		
19) trans-1,2-dichloroethene	0.00	96	0	N.D.		
20) methyl (tert) butyl ethe	0.00	73	0	N.D.		
21) 1,1-dichloroethane	0.00	63	0	N.D.		
22) vinyl acetate	0.00	43	0	N.D.		
23) 2,2-dichloropropane	0.00	77	0	N.D.		
24) cis-1,2-dichloroethene	0.00	96	0	N.D.		
25) 2-butanone (MEK)	0.00	43	0	N.D.		
26) bromochloromethane	0.00	49	0	N.D.		
27) chloroform	4.30	83	3782	0.48	ug/L	92
28) tetrahydrofuran	0.00	71	0	N.D.		
29) 1,1,1-trichloroethane	0.00	97	0	N.D.		
31) carbon tetrachloride	0.00	117	0	N.D.		
32) 1,1-dichloropropene	0.00	75	0	N.D.		
33) cyclohexane	0.00	56	0	N.D.		
34) benzene	0.00	78	0	N.D.		
35) 1,2-dichloroethane	0.00	62	0	N.D.		
36) heptane	5.13	57	11913	No Calib	#	

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33207.D
Acq On : 28 Dec 2010 17:26
Operator : DLV
Sample : 1012332-07
Misc : MWH
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 28 17:40:37 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
38) trichloroethene	0.00	130	0	N.D.	
39) 1,2-dichloropropane	0.00	63	0	N.D.	
40) dibromomethane	0.00	93	0	N.D.	
41) bromodichloromethane	0.00	83	0	N.D.	
42) methylcyclohexane	0.00	83	0	N.D.	
43) 2-chloroethyl vinyl ethe	0.00	63	0	N.D.	
44) cis-1,3-dichloropropene	0.00	75	0	N.D.	
45) 4-methyl-2-pentanone (MI	0.00	43	0	N.D.	
47) toluene	0.00	91	0	N.D.	
48) trans-1,3-dichloropropen	0.00	75	0	N.D.	
49) 1,1,2-trichloroethane	0.00	83	0	N.D.	
51) tetrachloroethene	0.00	166	0	N.D.	
52) 1,3-dichloropropane	0.00	76	0	N.D.	
53) 2-hexanone (MBK)	0.00	43	0	N.D.	
54) dibromochloromethane	0.00	129	0	N.D.	
55) 1,2-dibromoethane	0.00	109	0	N.D.	
56) chlorobenzene	0.00	112	0	N.D.	
57) 1,1,1,2-tetrachloroethan	0.00	131	0	N.D.	
58) 1-chlorohexane	8.07	55	2420	Below Cal #	1
59) ethylbenzene	0.00	91	0	N.D.	
60) m+p-xylene	0.00	106	0	N.D.	
61) o-xylene	0.00	106	0	N.D.	
62) styrene	0.00	104	0	N.D.	
63) bromoform	0.00	173	0	N.D.	
66) isopropylbenzene	0.00	105	0	N.D.	
67) bromobenzene	0.00	77	0	N.D.	
68) 1,1,2,2-tetrachloroethan	0.00	83	0	N.D.	
69) 1,4-dichloro-2-butene	0.00	53	0	N.D.	
70) 1,2,3-trichloropropane	0.00	75	0	N.D.	
71) n-propylbenzene	0.00	120	0	N.D.	
72) 2-chlorotoluene	0.00	126	0	N.D.	
73) 1,3,5-trimethylbenzene	0.00	105	0	N.D.	
74) 4-chlorotoluene	0.00	126	0	N.D.	
75) tert-butylbenzene	0.00	119	0	N.D.	
76) 1,2,4-trimethylbenzene	0.00	105	0	N.D.	
77) sec-butylbenzene	0.00	105	0	N.D.	
78) 4-isopropyltoluene	0.00	119	0	N.D.	
79) 1,3-dichlorobenzene	0.00	146	0	N.D.	
80) 1,4-dichlorobenzene	0.00	146	0	N.D.	
81) 1,2-dichlorobenzene	0.00	146	0	N.D.	
82) n-butylbenzene	0.00	91	0	N.D.	
83) 1,2-dibromo-3-chloroprop	0.00	157	0	N.D.	
84) hexachloroethane	0.00	201	0	N.D.	
85) 1,2,4-trichlorobenzene	0.00	180	0	N.D.	
86) hexachlorobutadiene	0.00	225	0	N.D.	
87) naphthalene	0.00	128	0	N.D.	
88) 1,2,3-trichlorobenzene	0.00	180	0	N.D.	
89) 2-methylnaphthalene	0.00	142	0	N.D.	

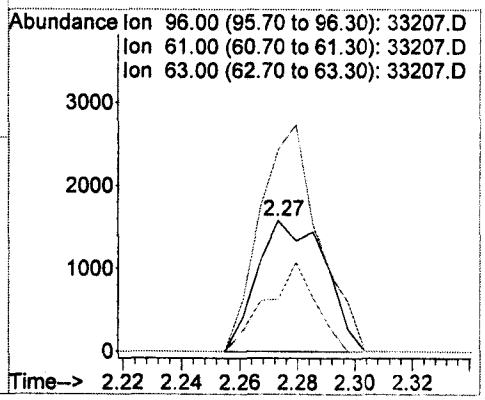
(#) = qualifier out of range (m) = manual integration (+) = signals summed

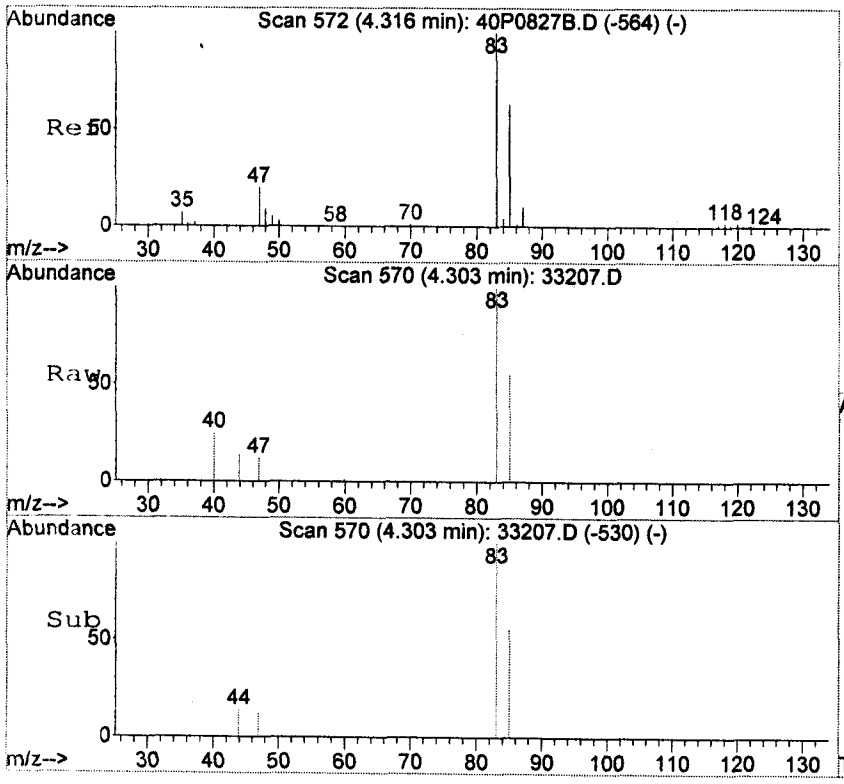


#13
1,1-dichloroethene
Concen: 0.67 ug/L
RT: 2.27 min Scan# 237
Delta R.T. -0.01 min
Lab File: 33207.D
Acq: 28 Dec 2010 17:26

Tgt Ion: 96 Resp: 2593

Ion	Ratio	Lower	Upper
96	100		
61	149.7	122.3	162.3
63	0.0	25.8	65.8#

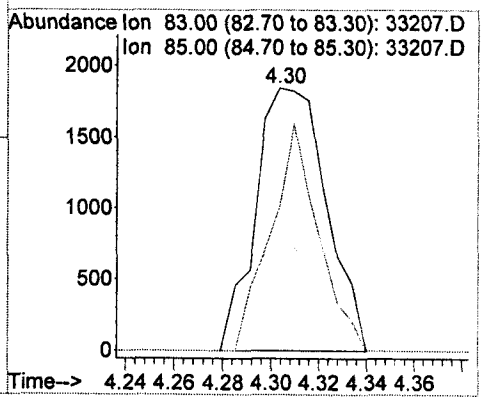




#27
chloroform
Concen: 0.48 ug/L
RT: 4.30 min Scan# 570
Delta R.T. -0.01 min
Lab File: 33207.D
Acq: 28 Dec 2010 17:26

Tgt Ion: 83 Resp: 3782

Ion	Ratio	Lower	Upper
83	100		
85	58.8	44.9	84.9



ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-22S

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-08 File ID: 33208.D

Sampled: 12/16/10 15:35 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 18:02

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
67-64-1	Acetone	1	5.0	2.1	5.0	U
71-43-2	Benzene	1	1.0	0.18	1.0	U
108-86-1	Bromobenzene	1	1.0	0.19	1.0	U
74-97-5	Bromochloromethane	1	1.0	0.18	1.0	U
75-27-4	Bromodichloromethane	1	1.0	0.13	1.0	U
75-25-2	Bromoform	1	1.0	0.15	1.0	U
74-83-9	Bromomethane	1	1.0	0.18	1.0	U
104-51-8	n-Butylbenzene	1	1.0	0.18	1.0	U
135-98-8	sec-Butylbenzene	1	1.0	0.18	1.0	U
98-06-6	tert-Butylbenzene	1	1.0	0.15	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	0.13	1.0	U
108-90-7	Chlorobenzene	1	1.0	0.19	1.0	U
75-00-3	Chloroethane	1	1.0	0.15	1.0	U
67-66-3	Chloroform	1	0.61	0.17	1.0	J
74-87-3	Chloromethane	1	1.0	0.16	1.0	U
95-49-8	2-Chlorotoluene	1	1.0	0.16	1.0	U
106-43-4	4-Chlorotoluene	1	1.0	0.12	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	0.40	1.0	U
124-48-1	Dibromochloromethane	1	1.0	0.14	1.0	U
106-93-4	1,2-Dibromoethane	1	1.0	0.22	1.0	U
74-95-3	Dibromomethane	1	1.0	0.23	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	0.12	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	0.13	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	0.12	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	0.21	1.0	U
75-34-3	1,1-Dichloroethane	1	0.26	0.13	1.0	J
107-06-2	1,2-Dichloroethane	1	1.0	0.13	1.0	U
75-35-4	1,1-Dichloroethene	1	1.5	0.13	1.0	
156-59-2	cis-1,2-Dichloroethene	1	1.0	0.23	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	0.20	1.0	U
78-87-5	1,2-Dichloropropane	1	1.0	0.15	1.0	U
142-28-9	1,3-Dichloropropane	1	1.0	0.14	1.0	U
594-20-7	2,2-Dichloropropane	1	1.0	0.18	1.0	U

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-22S

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-08 File ID: 33208.D

Sampled: 12/16/10 15:35 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 18:02

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
563-58-6	1,1-Dichloropropene	1	1.0	0.25	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	0.25	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	0.23	1.0	U
100-41-4	Ethylbenzene	1	1.0	0.14	1.0	U
87-68-3	Hexachlorobutadiene	1	1.0	0.28	1.0	U
98-82-8	Isopropylbenzene	1	1.0	0.15	1.0	U
99-87-6	4-Isopropyltoluene	1	1.0	0.29	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	0.28	1.0	U
75-09-2	Methylene Chloride	1	1.0	0.26	1.0	U
78-93-3	2-Butanone (MEK)	1	5.0	0.55	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	0.28	5.0	U
91-20-3	Naphthalene	1	5.0	0.37	5.0	U
103-65-1	n-Propylbenzene	1	1.0	0.15	1.0	U
100-42-5	Styrene	1	1.0	0.11	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1	1.0	0.16	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	0.070	1.0	U
127-18-4	Tetrachloroethene	1	1.0	0.16	1.0	U
108-88-3	Toluene	1	1.0	0.16	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1	1.0	0.18	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	0.16	1.0	U
71-55-6	1,1,1-Trichloroethane	1	1.0	0.19	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	0.18	1.0	U
79-01-6	Trichloroethene	1	1.0	0.092	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	0.20	1.0	U
96-18-4	1,2,3-Trichloropropane	1	1.0	0.28	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1	1.0	0.16	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1	1.0	0.18	1.0	U
75-01-4	Vinyl Chloride	1	1.0	0.10	1.0	U
136777-61-2	Xylene, Meta + Para	1	2.0	0.28	2.0	U
95-47-6	Xylene, Ortho	1	1.0	0.14	1.0	U

System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
Dibromofluoromethane	40.0	40.0	100	88 - 116	

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-22S

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-08 File ID: 33208.D

Sampled: 12/16/10 15:35 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 18:02

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

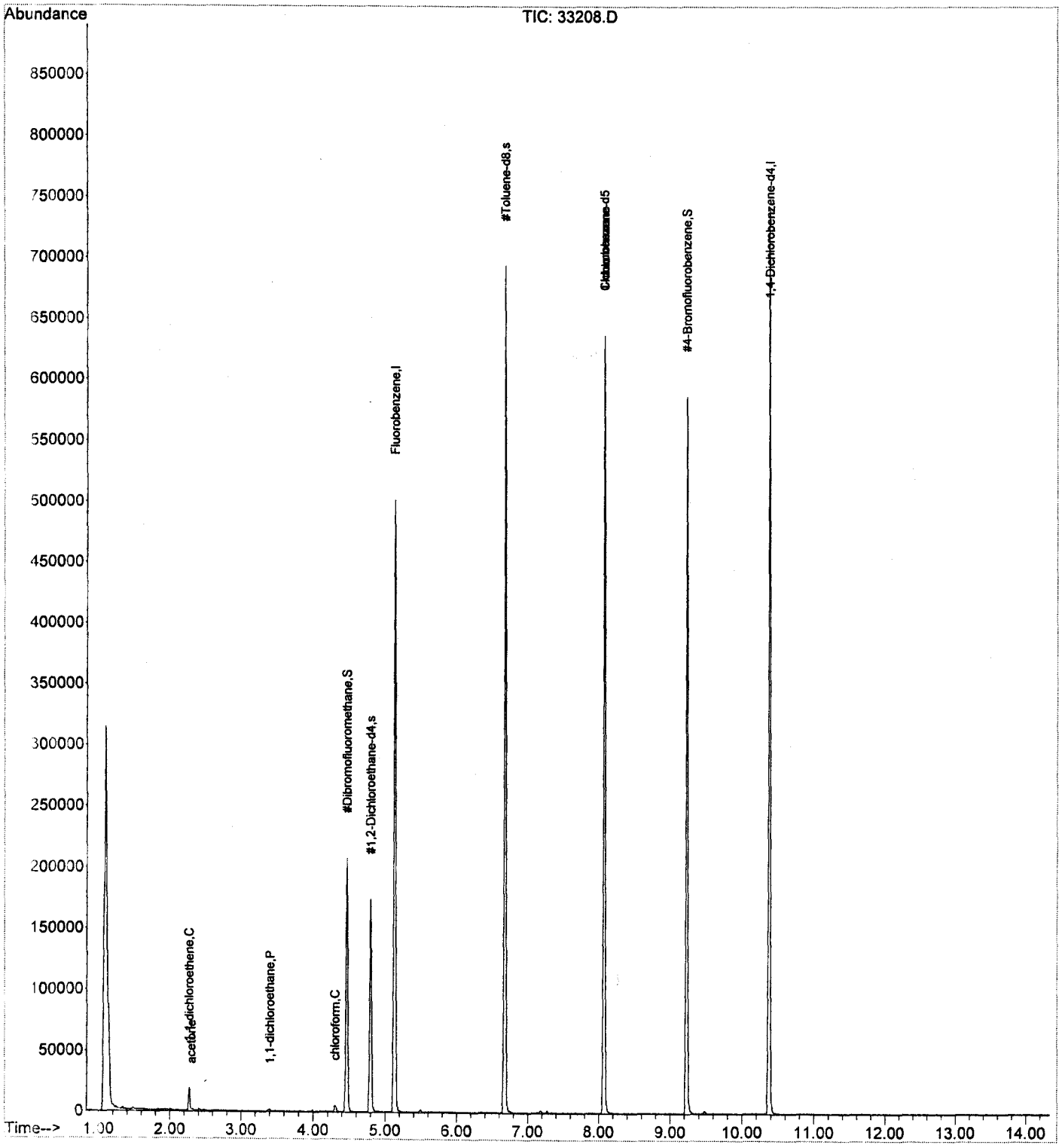
System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
1,2-Dichloroethane-d4	40.0	41.6	104	87 - 123	
Toluene-d8	40.0	38.0	95	91 - 107	
4-Bromofluorobenzene	40.0	39.4	98	84 - 106	

Internal Standard	Area	RT	Ref. Area	Ref. RT	Q
Fluorobenzene	427745	5.13	495489	5.13	
Chlorobenzene-d5	363556	8.08	453134	8.08	
1,4-Dichlorobenzene-d4	217726	10.38	273742	10.38	

* Values outside of QC limits

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33208.D
Acq On : 28 Dec 2010 18:02
Operator : DLV
Sample : 1012332-08
Misc : MWH
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 28 18:17:10 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration



Quantitation Report (Not Edited)

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33208.D
Acq On : 28 Dec 2010 18:02
Operator : DLV
Sample : 1012332-08
Misc : MWH
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 28 18:17:10 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

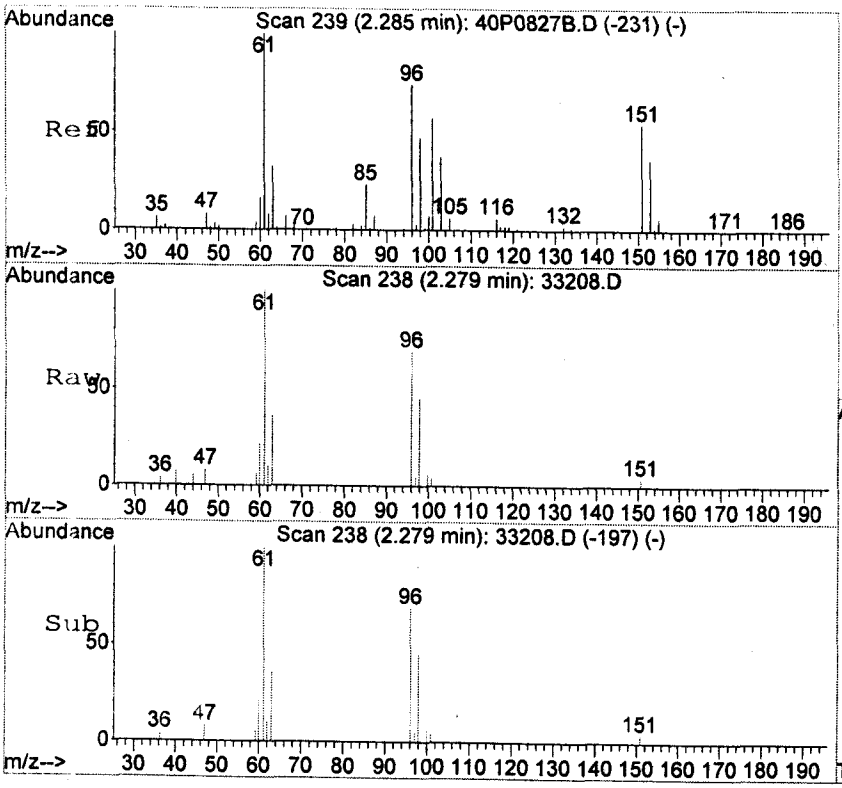
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	427745	40.00	ug/L	0.00 86.33%
50) Chlorobenzene-d5	8.08	117	363556	40.00	ug/L	0.00 80.23%
65) 1,4-Dichlorobenzene-d4	10.38	152	217726	40.00	ug/L	0.00 79.54%
System Monitoring Compounds						
30) #Dibromofluoromethane	4.47	111	113014	39.98	ug/L	0.00
Spiked Amount 40.000			Recovery =	99.95%		
37) #1,2-Dichloroethane-d4	4.80	65	116245	41.60	ug/L	0.00
Spiked Amount 40.000			Recovery =	104.00%		
46) #Toluene-d8	6.67	98	424836	38.00	ug/L	0.00
Spiked Amount 40.000			Recovery =	95.00%		
64) #4-Bromofluorobenzene	9.23	95	171727	39.39	ug/L	0.00
Spiked Amount 40.000			Recovery =	98.47%		
Target Compounds						Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.		
3) chloromethane	0.00	50	0	N.D.		
4) vinyl chloride	0.00	62	0	N.D.		
5) dichlorofluoromethane	0.00	67	0	N.D.		
6) bromomethane	0.00	94	0	N.D.		
7) chloroethane	0.00	64	0	N.D.		
8) trichlorofluoromethane	0.00	101	0	N.D.		
9) acrolein	0.00	56	0	N.D.		
10) ethyl ether	0.00	74	0	N.D.		
11) acrylonitrile	0.00	53	0	N.D.		
12) 1,1,2-trichloro-1,2,2-tr	0.00	101	0	N.D.		
13) 1,1-dichloroethene	2.28	96	6071	1.54	ug/L	91
14) iodomethane	0.00	142	0	N.D.		
15) acetone	2.31	43	1760	0.15	ug/L #	42
16) methyl acetate	0.00	43	0	N.D.		
17) carbon disulfide	0.00	76	0	N.D.		
18) methylene chloride	0.00	49	0	N.D.		
19) trans-1,2-dichloroethene	0.00	96	0	N.D.		
20) methyl (tert) butyl ethe	0.00	73	0	N.D.		
21) 1,1-dichloroethane	3.40	63	1830	0.26	ug/L #	49
22) vinyl acetate	0.00	43	0	N.D.		
23) 2,2-dichloropropane	0.00	77	0	N.D.		
24) cis-1,2-dichloroethene	0.00	96	0	N.D.		
25) 2-butanone (MEK)	0.00	43	0	N.D.		
26) bromochloromethane	0.00	49	0	N.D.		
27) chloroform	4.31	83	4891	0.61	ug/L	92
28) tetrahydrofuran	0.00	71	0	N.D.		
29) 1,1,1-trichloroethane	0.00	97	0	N.D.		
31) carbon tetrachloride	0.00	117	0	N.D.		
32) 1,1-dichloropropene	0.00	75	0	N.D.		
33) cyclohexane	0.00	56	0	N.D.		
34) benzene	0.00	78	0	N.D.		
35) 1,2-dichloroethane	0.00	62	0	N.D.		
36) heptane	5.13	57	11291	No Calib	#	

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33208.D
Acq On : 28 Dec 2010 18:02
Operator : DLV
Sample : 1012332-08
Misc : MWH
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 28 18:17:10 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
38) trichloroethene	0.00	130	0	N.D.		
39) 1,2-dichloropropane	0.00	63	0	N.D.		
40) dibromomethane	0.00	93	0	N.D.		
41) bromodichloromethane	0.00	83	0	N.D.		
42) methylcyclohexane	0.00	83	0	N.D.		
43) 2-chloroethyl vinyl ethe	0.00	63	0	N.D.		
44) cis-1,3-dichloropropene	0.00	75	0	N.D.		
45) 4-methyl-2-pentanone (MI	0.00	43	0	N.D.		
47) toluene	0.00	91	0	N.D.		
48) trans-1,3-dichloropropen	0.00	75	0	N.D.		
49) 1,1,2-trichloroethane	0.00	83	0	N.D.		
51) tetrachloroethene	0.00	166	0	N.D.		
52) 1,3-dichloropropane	0.00	76	0	N.D.		
53) 2-hexanone (MBK)	0.00	43	0	N.D.		
54) dibromochloromethane	0.00	129	0	N.D.		
55) 1,2-dibromoethane	0.00	109	0	N.D.		
56) chlorobenzene	0.00	112	0	N.D.		
57) 1,1,1,2-tetrachloroethan	0.00	131	0	N.D.		
58) 1-chlorohexane	8.07	55	2754	0.10	ug/L #	1
59) ethylbenzene	0.00	91	0	N.D.		
60) m+p-xylene	0.00	106	0	N.D.		
61) o-xylene	0.00	106	0	N.D.		
62) styrene	0.00	104	0	N.D.		
63) bromoform	0.00	173	0	N.D.		
66) isopropylbenzene	0.00	105	0	N.D.		
67) bromobenzene	0.00	77	0	N.D.		
68) 1,1,2,2-tetrachloroethan	0.00	83	0	N.D.		
69) 1,4-dichloro-2-butene	0.00	53	0	N.D.		
70) 1,2,3-trichloropropane	0.00	75	0	N.D.		
71) n-propylbenzene	0.00	120	0	N.D.		
72) 2-chlorotoluene	0.00	126	0	N.D.		
73) 1,3,5-trimethylbenzene	0.00	105	0	N.D.		
74) 4-chlorotoluene	0.00	126	0	N.D.		
75) tert-butylbenzene	0.00	119	0	N.D.		
76) 1,2,4-trimethylbenzene	0.00	105	0	N.D.		
77) sec-butylbenzene	0.00	105	0	N.D.		
78) 4-isopropyltoluene	0.00	119	0	N.D.		
79) 1,3-dichlorobenzene	0.00	146	0	N.D.		
80) 1,4-dichlorobenzene	0.00	146	0	N.D.		
81) 1,2-dichlorobenzene	0.00	146	0	N.D.		
82) n-butylbenzene	0.00	91	0	N.D.		
83) 1,2-dibromo-3-chloroprop	0.00	157	0	N.D.		
84) hexachloroethane	0.00	201	0	N.D.		
85) 1,2,4-trichlorobenzene	0.00	180	0	N.D.		
86) hexachlorobutadiene	0.00	225	0	N.D.		
87) naphthalene	0.00	128	0	N.D.		
88) 1,2,3-trichlorobenzene	0.00	180	0	N.D.		
89) 2-methylnaphthalene	0.00	142	0	N.D.		

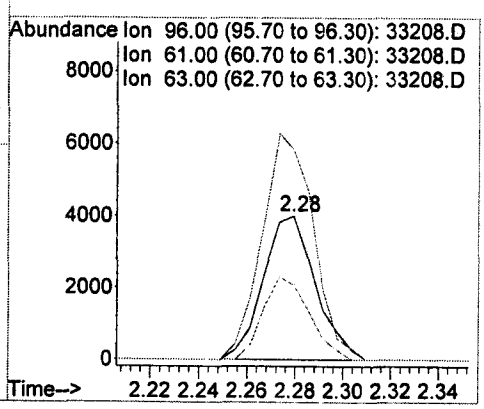
(#) = qualifier out of range (m) = manual integration (+) = signals summed

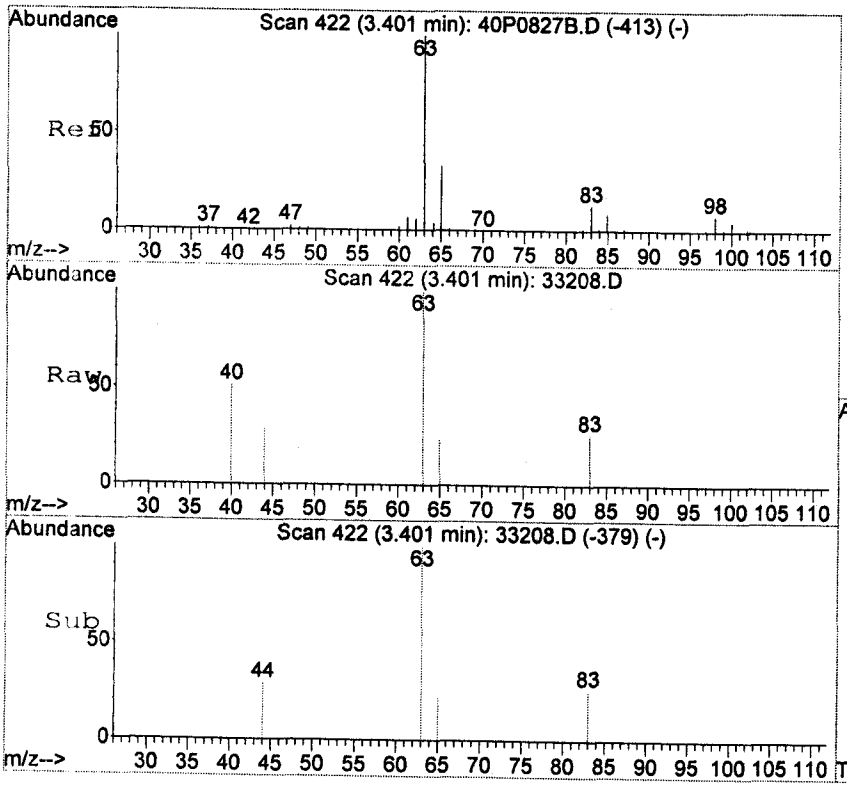


#13
1,1-dichloroethene
Concen: 1.54 ug/L
RT: 2.28 min Scan# 238
Delta R.T. -0.00 min
Lab File: 33208.D
Acq: 28 Dec 2010 18:02

Tgt Ion: 96 Resp: 6071

Ion	Ratio	Lower	Upper
96	100		
61	154.0	122.3	162.3
63	50.8	25.8	65.8

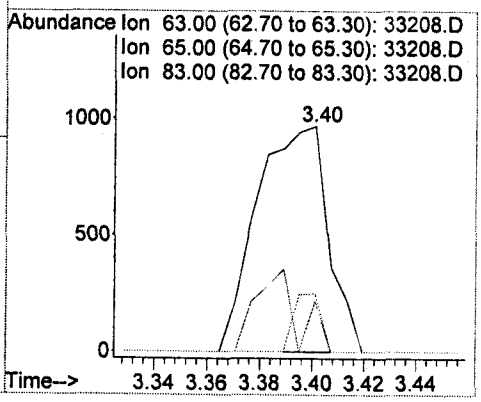


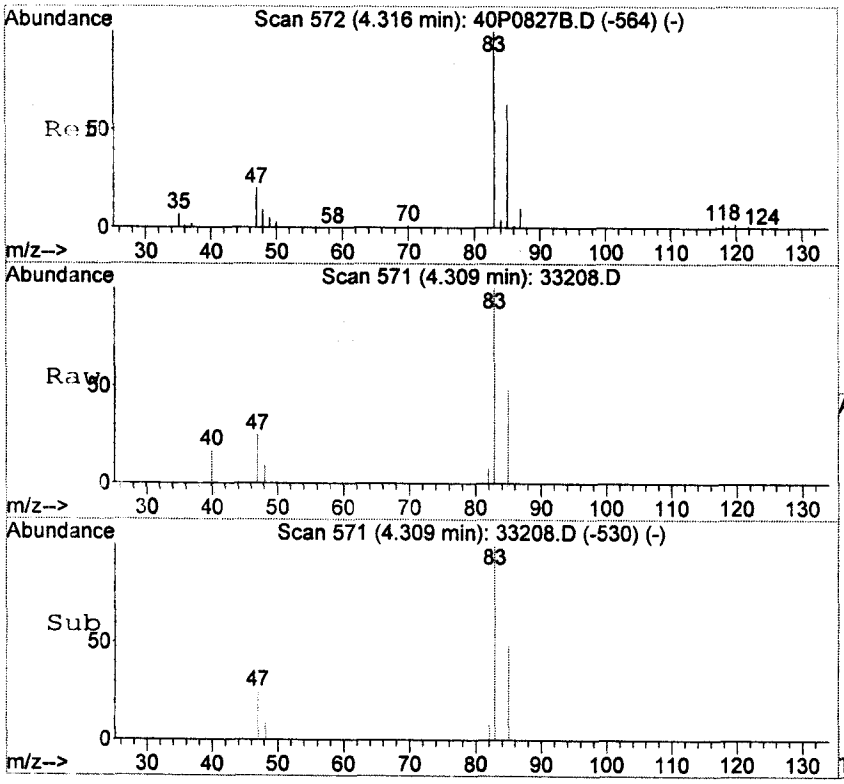


#21
1,1-dichloroethane
Concen: 0.26 ug/L
RT: 3.40 min Scan# 422
Delta R.T. 0.01 min
Lab File: 33208.D
Acq: 28 Dec 2010 18:02

Tgt Ion: 63 Resp: 1830

Ion	Ratio	Lower	Upper
63	100		
65	0.0	12.1	52.1#
83	0.0	0.0	34.2

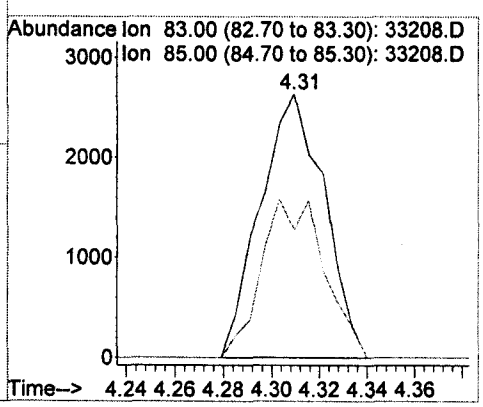




#27
chloroform
Concen: 0.61 ug/L
RT: 4.31 min Scan# 571
Delta R.T. -0.00 min
Lab File: 33208.D
Acq: 28 Dec 2010 18:02

Tgt Ion: 83 Resp: 4891

Ion	Ratio	Lower	Upper
83	100		
85	58.9	44.9	84.9



ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-18S

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-09 File ID: 33209.D

Sampled: 12/17/10 09:40 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 18:39

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
67-64-1	Acetone	1	5.0	2.1	5.0	U
71-43-2	Benzene	1	1.0	0.18	1.0	U
108-86-1	Bromobenzene	1	1.0	0.19	1.0	U
74-97-5	Bromochloromethane	1	1.0	0.18	1.0	U
75-27-4	Bromodichloromethane	1	1.0	0.13	1.0	U
75-25-2	Bromoform	1	1.0	0.15	1.0	U
74-83-9	Bromomethane	1	1.0	0.18	1.0	U
104-51-8	n-Butylbenzene	1	1.0	0.18	1.0	U
135-98-8	sec-Butylbenzene	1	1.0	0.18	1.0	U
98-06-6	tert-Butylbenzene	1	1.0	0.15	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	0.13	1.0	U
108-90-7	Chlorobenzene	1	1.0	0.19	1.0	U
75-00-3	Chloroethane	1	1.0	0.15	1.0	U
67-66-3	Chloroform	1	1.0	0.17	1.0	U
74-87-3	Chloromethane	1	1.0	0.16	1.0	U
95-49-8	2-Chlorotoluene	1	1.0	0.16	1.0	U
106-43-4	4-Chlorotoluene	1	1.0	0.12	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	0.40	1.0	U
124-48-1	Dibromochloromethane	1	1.0	0.14	1.0	U
106-93-4	1,2-Dibromoethane	1	1.0	0.22	1.0	U
74-95-3	Dibromomethane	1	1.0	0.23	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	0.12	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	0.13	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	0.12	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	0.21	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	0.13	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	0.13	1.0	U
75-35-4	1,1-Dichloroethene	1	0.51	0.13	1.0	J
156-59-2	cis-1,2-Dichloroethene	1	1.0	0.23	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	0.20	1.0	U
78-87-5	1,2-Dichloropropane	1	1.0	0.15	1.0	U
142-28-9	1,3-Dichloropropane	1	1.0	0.14	1.0	U
594-20-7	2,2-Dichloropropane	1	1.0	0.18	1.0	U

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-18S

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-09 File ID: 33209.D

Sampled: 12/17/10 09:40 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 18:39

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
563-58-6	1,1-Dichloropropene	1	1.0	0.25	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	0.25	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	0.23	1.0	U
100-41-4	Ethylbenzene	1	1.0	0.14	1.0	U
87-68-3	Hexachlorobutadiene	1	1.0	0.28	1.0	U
98-82-8	Isopropylbenzene	1	1.0	0.15	1.0	U
99-87-6	4-Isopropyltoluene	1	1.0	0.29	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	0.28	1.0	U
75-09-2	Methylene Chloride	1	1.0	0.26	1.0	U
78-93-3	2-Butanone (MEK)	1	5.0	0.55	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	0.28	5.0	U
91-20-3	Naphthalene	1	5.0	0.37	5.0	U
103-65-1	n-Propylbenzene	1	1.0	0.15	1.0	U
100-42-5	Styrene	1	1.0	0.11	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1	1.0	0.16	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	0.070	1.0	U
127-18-4	Tetrachloroethene	1	1.0	0.16	1.0	U
108-88-3	Toluene	1	1.0	0.16	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1	1.0	0.18	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	0.16	1.0	U
71-55-6	1,1,1-Trichloroethane	1	1.0	0.19	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	0.18	1.0	U
79-01-6	Trichloroethene	1	1.0	0.092	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	0.20	1.0	U
96-18-4	1,2,3-Trichloropropane	1	1.0	0.28	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1	1.0	0.16	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1	1.0	0.18	1.0	U
75-01-4	Vinyl Chloride	1	1.0	0.10	1.0	U
136777-61-2	Xylene, Meta + Para	1	2.0	0.28	2.0	U
95-47-6	Xylene, Ortho	1	1.0	0.14	1.0	U

System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
Dibromofluoromethane	40.0	40.3	101	88 - 116	

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-18S

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-09 File ID: 33209.D

Sampled: 12/17/10 09:40 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 18:39

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
1,2-Dichloroethane-d4	40.0	42.1	105	87 - 123	
Toluene-d8	40.0	38.3	96	91 - 107	
4-Bromofluorobenzene	40.0	39.4	98	84 - 106	

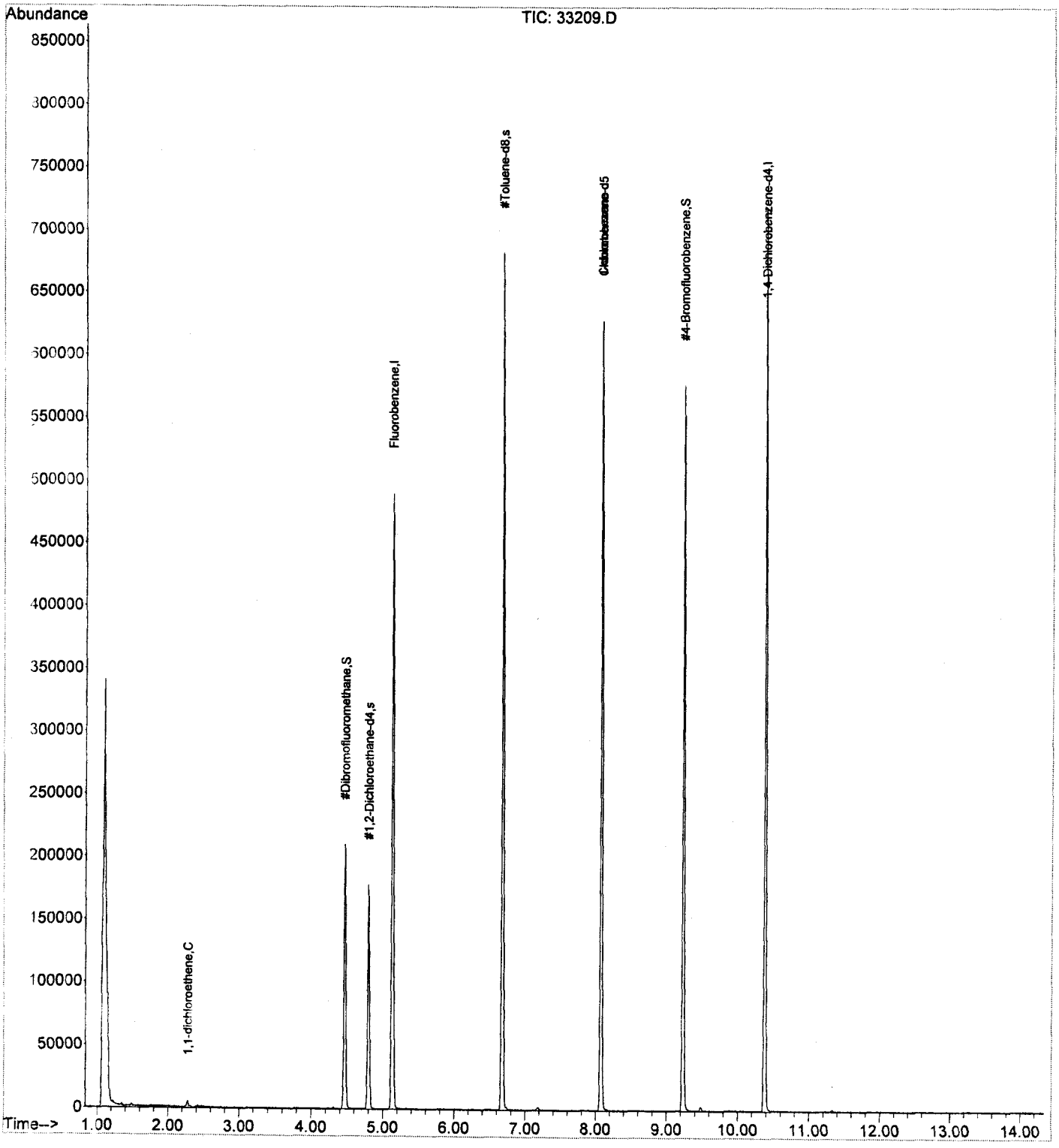
Internal Standard	Area	RT	Ref. Area	Ref. RT	Q
Fluorobenzene	421466	5.13	495489	5.13	
Chlorobenzene-d5	358995	8.08	453134	8.08	
1,4-Dichlorobenzene-d4	210240	10.38	273742	10.38	

* Values outside of QC limits

Quantitation Report (Not Edited)

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33209.D
Acq On : 28 Dec 2010 18:39
Operator : DLV
Sample : 1012332-09
Misc : MWH
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 28 18:53:40 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration



00118

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33209.D
Acq On : 28 Dec 2010 18:39
Operator : DLV
Sample : 1012332-09
Misc : MWH
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 28 18:53:40 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

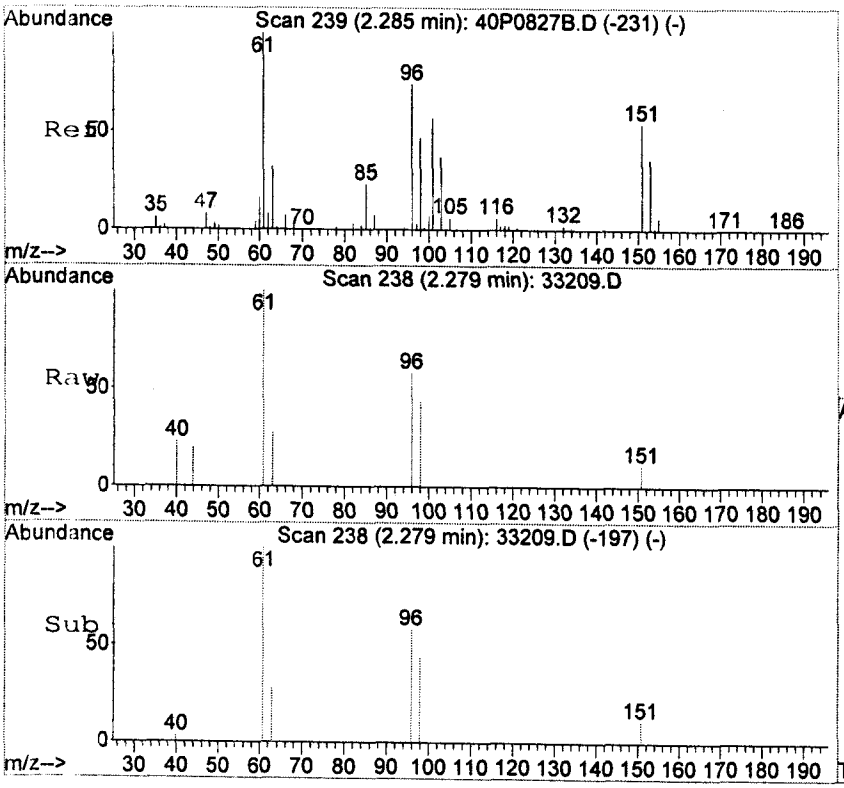
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	421466	40.00	ug/L	0.00 85.06%
50) Chlorobenzene-d5	8.08	117	358995	40.00	ug/L	0.00 79.22%
65) 1,4-Dichlorobenzene-d4	10.38	152	210240	40.00	ug/L	0.00 76.80%
System Monitoring Compounds						
30) #Dibromofluoromethane	4.47	111	112310	40.32	ug/L	0.00
Spiked Amount 40.000			Recovery =	100.80%		
37) #1,2-Dichloroethane-d4	4.80	65	115895	42.09	ug/L	0.00
Spiked Amount 40.000			Recovery =	105.23%		
46) #Toluene-d8	6.67	98	422025	38.31	ug/L	0.00
Spiked Amount 40.000			Recovery =	95.78%		
64) #4-Bromofluorobenzene	9.23	95	169609	39.40	ug/L	0.00
Spiked Amount 40.000			Recovery =	98.50%		
Target Compounds						Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.		
3) chloromethane	0.00	50	0	N.D.		
4) vinyl chloride	0.00	62	0	N.D.		
5) dichlorofluoromethane	0.00	67	0	N.D.		
6) bromomethane	0.00	94	0	N.D.		
7) chloroethane	0.00	64	0	N.D.		
8) trichlorofluoromethane	0.00	101	0	N.D.		
9) acrolein	0.00	56	0	N.D.		
10) ethyl ether	0.00	74	0	N.D.		
11) acrylonitrile	0.00	53	0	N.D.		
12) 1,1,2-trichloro-1,2,2-tr	0.00	101	0	N.D.		
13) 1,1-dichloroethene	2.28	96	1985	0.51	ug/L #	79
14) iodomethane	0.00	142	0	N.D.		
15) acetone	0.00	43	0	N.D.		
16) methyl acetate	0.00	43	0	N.D.		
17) carbon disulfide	0.00	76	0	N.D.		
18) methylene chloride	0.00	49	0	N.D.		
19) trans-1,2-dichloroethene	0.00	96	0	N.D.		
20) methyl (tert) butyl ethe	0.00	73	0	N.D.		
21) 1,1-dichloroethane	0.00	63	0	N.D.		
22) vinyl acetate	0.00	43	0	N.D.		
23) 2,2-dichloropropane	0.00	77	0	N.D.		
24) cis-1,2-dichloroethene	0.00	96	0	N.D.		
25) 2-butanone (MEK)	0.00	43	0	N.D.		
26) bromochloromethane	0.00	49	0	N.D.		
27) chloroform	0.00	83	0	N.D.		
28) tetrahydrofuran	0.00	71	0	N.D.		
29) 1,1,1-trichloroethane	0.00	97	0	N.D.		
31) carbon tetrachloride	0.00	117	0	N.D.		
32) 1,1-dichloropropene	0.00	75	0	N.D.		
33) cyclohexane	0.00	56	0	N.D.		
34) benzene	0.00	78	0	N.D.		
35) 1,2-dichloroethane	0.00	62	0	N.D.		
36) heptane	5.13	57	10975	No Calib	#	

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33209.D
Acq On : 28 Dec 2010 18:39
Operator : DLV
Sample : 1012332-09
Misc : MWH
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 28 18:53:40 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
38) trichloroethene	0.00	130	0	N.D.	
39) 1,2-dichloropropane	0.00	63	0	N.D.	
40) dibromomethane	0.00	93	0	N.D.	
41) bromodichloromethane	0.00	83	0	N.D.	
42) methylcyclohexane	0.00	83	0	N.D.	
43) 2-chloroethyl vinyl ethe	0.00	63	0	N.D.	
44) cis-1,3-dichloropropene	0.00	75	0	N.D.	
45) 4-methyl-2-pentanone (MI	0.00	43	0	N.D.	
47) toluene	0.00	91	0	N.D.	
48) trans-1,3-dichloropropen	0.00	75	0	N.D.	
49) 1,1,2-trichloroethane	0.00	83	0	N.D.	
51) tetrachloroethene	0.00	166	0	N.D.	
52) 1,3-dichloropropane	0.00	76	0	N.D.	
53) 2-hexanone (MBK)	0.00	43	0	N.D.	
54) dibromochloromethane	0.00	129	0	N.D.	
55) 1,2-dibromoethane	0.00	109	0	N.D.	
56) chlorobenzene	0.00	112	0	N.D.	
57) 1,1,1,2-tetrachloroethan	0.00	131	0	N.D.	
58) 1-chlorohexane	8.07	55	2869	0.15 ug/L #	1
59) ethylbenzene	0.00	91	0	N.D.	
60) m+p-xylene	0.00	106	0	N.D.	
61) o-xylene	0.00	106	0	N.D.	
62) styrene	0.00	104	0	N.D.	
63) bromoform	0.00	173	0	N.D.	
66) isopropylbenzene	0.00	105	0	N.D.	
67) bromobenzene	0.00	77	0	N.D.	
68) 1,1,2,2-tetrachloroethan	0.00	83	0	N.D.	
69) 1,4-dichloro-2-butene	0.00	53	0	N.D.	
70) 1,2,3-trichloropropane	0.00	75	0	N.D.	
71) n-propylbenzene	0.00	120	0	N.D.	
72) 2-chlorotoluene	0.00	126	0	N.D.	
73) 1,3,5-trimethylbenzene	0.00	105	0	N.D.	
74) 4-chlorotoluene	0.00	126	0	N.D.	
75) tert-butylbenzene	0.00	119	0	N.D.	
76) 1,2,4-trimethylbenzene	0.00	105	0	N.D.	
77) sec-butylbenzene	0.00	105	0	N.D.	
78) 4-isopropyltoluene	0.00	119	0	N.D.	
79) 1,3-dichlorobenzene	0.00	146	0	N.D.	
80) 1,4-dichlorobenzene	0.00	146	0	N.D.	
81) 1,2-dichlorobenzene	0.00	146	0	N.D.	
82) n-butylbenzene	0.00	91	0	N.D.	
83) 1,2-dibromo-3-chloroprop	0.00	157	0	N.D.	
84) hexachloroethane	0.00	201	0	N.D.	
85) 1,2,4-trichlorobenzene	0.00	180	0	N.D.	
86) hexachlorobutadiene	0.00	225	0	N.D.	
87) naphthalene	0.00	128	0	N.D.	
88) 1,2,3-trichlorobenzene	0.00	180	0	N.D.	
89) 2-methylnaphthalene	0.00	142	0	N.D.	

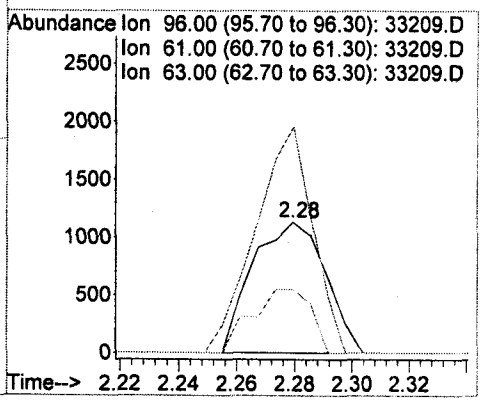
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#13
1,1-dichloroethene
Concen: 0.51 ug/L
RT: 2.28 min Scan# 238
Delta R.T. 0.00 min
Lab File: 33209.D
Acq: 28 Dec 2010 18:39

Tgt Ion: 96 Resp: 1985

Ion	Ratio	Lower	Upper
96	100		
61	134.9	122.3	162.3
63	0.0	25.8	65.8#



ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-18D

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-10 File ID: 33210.D

Sampled: 12/17/10 10:20 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 19:15

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
67-64-1	Acetone	1	2.5	2.1	5.0	J
71-43-2	Benzene	1	1.0	0.18	1.0	U
108-86-1	Bromobenzene	1	1.0	0.19	1.0	U
74-97-5	Bromochloromethane	1	1.0	0.18	1.0	U
75-27-4	Bromodichloromethane	1	1.0	0.13	1.0	U
75-25-2	Bromoform	1	1.0	0.15	1.0	U
74-83-9	Bromomethane	1	1.0	0.18	1.0	U
104-51-8	n-Butylbenzene	1	1.0	0.18	1.0	U
135-98-8	sec-Butylbenzene	1	1.0	0.18	1.0	U
98-06-6	tert-Butylbenzene	1	1.0	0.15	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	0.13	1.0	U
108-90-7	Chlorobenzene	1	1.0	0.19	1.0	U
75-00-3	Chloroethane	1	1.0	0.15	1.0	U
67-66-3	Chloroform	1	1.0	0.17	1.0	
74-87-3	Chloromethane	1	1.0	0.16	1.0	U
95-49-8	2-Chlorotoluene	1	1.0	0.16	1.0	U
106-43-4	4-Chlorotoluene	1	1.0	0.12	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	0.40	1.0	U
124-48-1	Dibromochloromethane	1	1.0	0.14	1.0	U
106-93-4	1,2-Dibromoethane	1	1.0	0.22	1.0	U
74-95-3	Dibromomethane	1	1.0	0.23	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	0.12	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	0.13	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	0.12	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	0.21	1.0	U
75-34-3	1,1-Dichloroethane	1	1.3	0.13	1.0	
107-06-2	1,2-Dichloroethane	1	1.0	0.13	1.0	U
75-35-4	1,1-Dichloroethene	1	19	0.13	1.0	
156-59-2	cis-1,2-Dichloroethene	1	1.0	0.23	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	0.20	1.0	U
78-87-5	1,2-Dichloropropane	1	1.0	0.15	1.0	U
142-28-9	1,3-Dichloropropane	1	1.0	0.14	1.0	U
594-20-7	2,2-Dichloropropane	1	1.0	0.18	1.0	U

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-18D

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-10 File ID: 33210.D

Sampled: 12/17/10 10:20 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 19:15

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
563-58-6	1,1-Dichloropropene	1	1.0	0.25	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	0.25	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	0.23	1.0	U
100-41-4	Ethylbenzene	1	1.0	0.14	1.0	U
87-68-3	Hexachlorobutadiene	1	1.0	0.28	1.0	U
98-82-8	Isopropylbenzene	1	1.0	0.15	1.0	U
99-87-6	4-Isopropyltoluene	1	1.0	0.29	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	0.28	1.0	U
75-09-2	Methylene Chloride	1	1.0	0.26	1.0	U
78-93-3	2-Butanone (MEK)	1	5.0	0.55	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	0.28	5.0	U
91-20-3	Naphthalene	1	5.0	0.37	5.0	U
103-65-1	n-Propylbenzene	1	1.0	0.15	1.0	U
100-42-5	Styrene	1	1.0	0.11	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1	1.0	0.16	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	0.070	1.0	U
127-18-4	Tetrachloroethene	1	1.0	0.16	1.0	U
108-88-3	Toluene	1	1.0	0.16	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1	1.0	0.18	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	0.16	1.0	U
71-55-6	1,1,1-Trichloroethane	1	0.34	0.19	1.0	J
79-00-5	1,1,2-Trichloroethane	1	1.0	0.18	1.0	U
79-01-6	Trichloroethene	1	1.0	0.092	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	0.20	1.0	U
96-18-4	1,2,3-Trichloropropane	1	1.0	0.28	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1	1.0	0.16	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1	1.0	0.18	1.0	U
75-01-4	Vinyl Chloride	1	1.0	0.10	1.0	U
136777-61-2	Xylene, Meta + Para	1	2.0	0.28	2.0	U
95-47-6	Xylene, Ortho	1	1.0	0.14	1.0	U

System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
Dibromofluoromethane	40.0	39.9	100	88 - 116	

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-18D

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-10 File ID: 33210.D

Sampled: 12/17/10 10:20 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 19:15

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

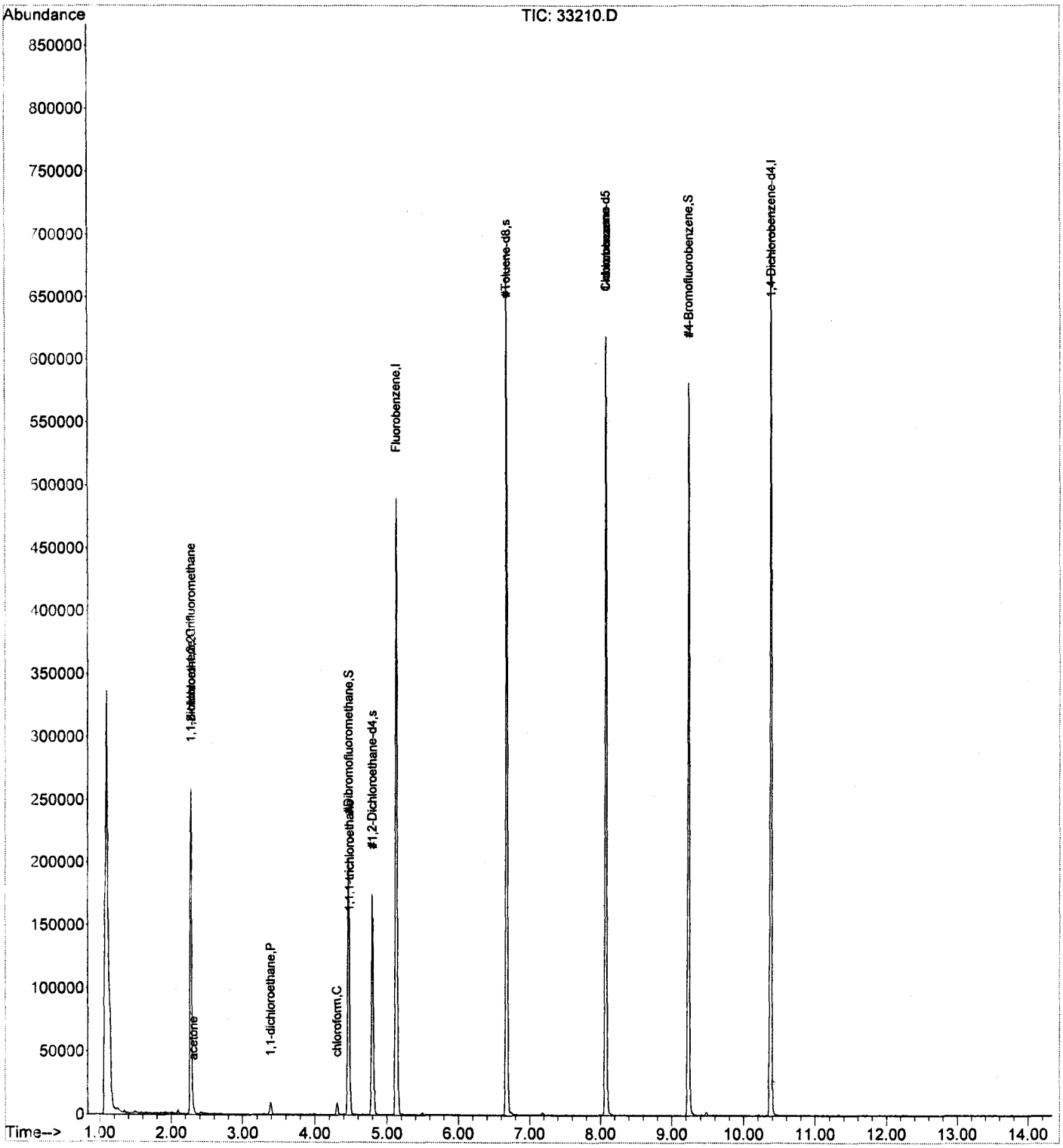
System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
1,2-Dichloroethane-d4	40.0	41.8	104	87 - 123	
Toluene-d8	40.0	37.7	94	91 - 107	
4-Bromofluorobenzene	40.0	39.8	99	84 - 106	

Internal Standard	Area	RT	Ref. Area	Ref. RT	Q
Fluorobenzene	419659	5.13	495489	5.13	
Chlorobenzene-d5	352880	8.08	453134	8.08	
1,4-Dichlorobenzene-d4	210190	10.38	273742	10.38	

* Values outside of QC limits

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33210.D
Acq On : 28 Dec 2010 19:15
Operator : DLV
Sample : 1012332-10
Misc : MWH
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 28 19:30:15 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration



Quantitation Report (Not Edited)

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33210.D
Acq On : 28 Dec 2010 19:15
Operator : DLV
Sample : 1012332-10
Misc : MWH
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 28 19:30:15 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

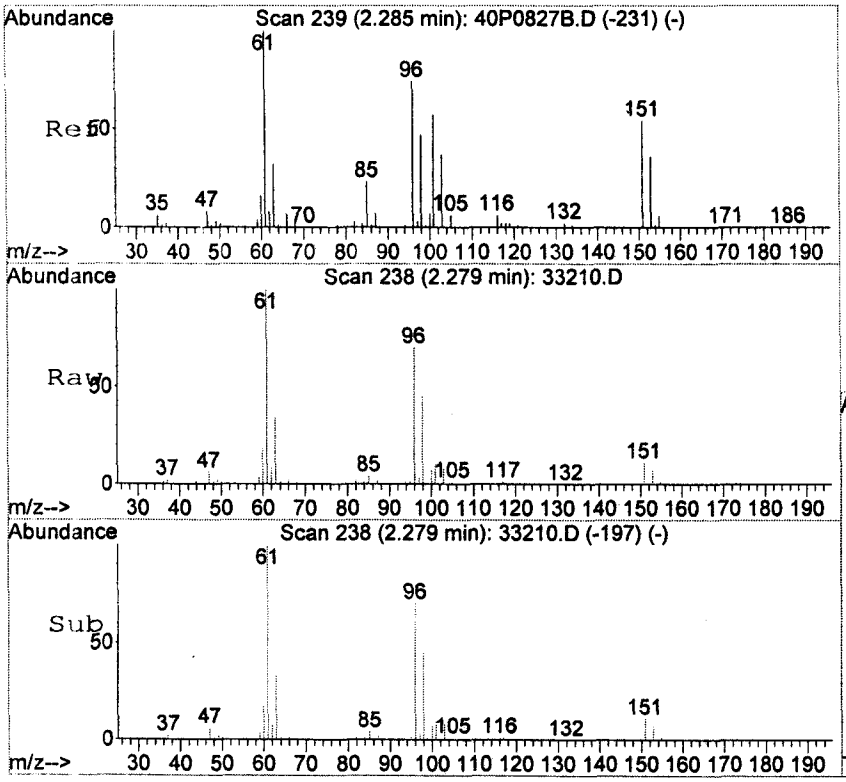
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	419659	40.00	ug/L	0.00 84.70%
50) Chlorobenzene-d5	8.08	117	352880	40.00	ug/L	0.00 77.88%
65) 1,4-Dichlorobenzene-d4	10.38	152	210190	40.00	ug/L	0.00 76.78%
System Monitoring Compounds						
30) #Dibromofluoromethane	4.47	111	110737	39.93	ug/L	0.00
Spiked Amount 40.000			Recovery =	99.83%		
37) #1,2-Dichloroethane-d4	4.80	65	114585	41.80	ug/L	0.00
Spiked Amount 40.000			Recovery =	104.50%		
46) #Toluene-d8	6.67	98	413610	37.71	ug/L	0.00
Spiked Amount 40.000			Recovery =	94.27%		
64) #4-Bromofluorobenzene	9.23	95	168190	39.75	ug/L	0.00
Spiked Amount 40.000			Recovery =	99.38%		
Target Compounds						Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.		
3) chloromethane	0.00	50	0	N.D.		
4) vinyl chloride	0.00	62	0	N.D.		
5) dichlorofluoromethane	0.00	67	0	N.D.		
6) bromomethane	0.00	94	0	N.D.		
7) chloroethane	0.00	64	0	N.D.		
8) trichlorofluoromethane	0.00	101	0	N.D.		
9) acrolein	0.00	56	0	N.D.		
10) ethyl ether	0.00	74	0	N.D.		
11) acrylonitrile	0.00	53	0	N.D.		
12) 1,1,2-trichloro-1,2,2-trif	2.27	101	14621	4.52	ug/L	99
13) 1,1-dichloroethene	2.28	96	73870	19.11	ug/L	94
14) iodomethane	0.00	142	0	N.D.		
15) acetone	2.32	43	3493	2.53	ug/L #	42
16) methyl acetate	0.00	43	0	N.D.		
17) carbon disulfide	0.00	76	0	N.D.		
18) methylene chloride	0.00	49	0	N.D.		
19) trans-1,2-dichloroethene	0.00	96	0	N.D.		
20) methyl (tert) butyl ethe	0.00	73	0	N.D.		
21) 1,1-dichloroethane	3.39	63	9001	1.29	ug/L #	88
22) vinyl acetate	0.00	43	0	N.D.		
23) 2,2-dichloropropane	0.00	77	0	N.D.		
24) cis-1,2-dichloroethene	0.00	96	0	N.D.		
25) 2-butanone (MEK)	0.00	43	0	N.D.		
26) bromochloromethane	0.00	49	0	N.D.		
27) chloroform	4.31	83	7785	1.00	ug/L	95
28) tetrahydrofuran	0.00	71	0	N.D.		
29) 1,1,1-trichloroethane	4.49	97	2436	0.34	ug/L #	25
31) carbon tetrachloride	0.00	117	0	N.D.		
32) 1,1-dichloropropene	0.00	75	0	N.D.		
33) cyclohexane	0.00	56	0	N.D.		
34) benzene	0.00	78	0	N.D.		
35) 1,2-dichloroethane	0.00	62	0	N.D.		
36) heptane	5.13	57	11509	No Calib	#	

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33210.D
Acq On : 28 Dec 2010 19:15
Operator : DLV
Sample : 1012332-10
Misc : MWH
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 28 19:30:15 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
38) trichloroethene	0.00	130	0	N.D.		
39) 1,2-dichloropropane	0.00	63	0	N.D.		
40) dibromomethane	0.00	93	0	N.D.		
41) bromodichloromethane	0.00	83	0	N.D.		
42) methylcyclohexane	0.00	83	0	N.D.		
43) 2-chloroethyl vinyl ethe	0.00	63	0	N.D.		
44) cis-1,3-dichloropropene	0.00	75	0	N.D.		
45) 4-methyl-2-pentanone (MI	0.00	43	0	N.D.		
47) toluene	0.00	91	0	N.D.		
48) trans-1,3-dichloropropen	0.00	75	0	N.D.		
49) 1,1,2-trichloroethane	0.00	83	0	N.D.		
51) tetrachloroethene	0.00	166	0	N.D.		
52) 1,3-dichloropropane	0.00	76	0	N.D.		
53) 2-hexanone (MBK)	0.00	43	0	N.D.		
54) dibromochloromethane	0.00	129	0	N.D.		
55) 1,2-dibromoethane	0.00	109	0	N.D.		
56) chlorobenzene	0.00	112	0	N.D.		
57) 1,1,1,2-tetrachloroethan	0.00	131	0	N.D.		
58) 1-chlorohexane	8.07	55	2535	0.05	ug/L #	1
59) ethylbenzene	0.00	91	0	N.D.		
60) m+p-xylene	0.00	106	0	N.D.		
61) o-xylene	0.00	106	0	N.D.		
62) styrene	0.00	104	0	N.D.		
63) bromoform	0.00	173	0	N.D.		
66) isopropylbenzene	0.00	105	0	N.D.		
67) bromobenzene	0.00	77	0	N.D.		
68) 1,1,2,2-tetrachloroethan	0.00	83	0	N.D.		
69) 1,4-dichloro-2-butene	0.00	53	0	N.D.		
70) 1,2,3-trichloropropane	0.00	75	0	N.D.		
71) n-propylbenzene	0.00	120	0	N.D.		
72) 2-chlorotoluene	0.00	126	0	N.D.		
73) 1,3,5-trimethylbenzene	0.00	105	0	N.D.		
74) 4-chlorotoluene	0.00	126	0	N.D.		
75) tert-butylbenzene	0.00	119	0	N.D.		
76) 1,2,4-trimethylbenzene	0.00	105	0	N.D.		
77) sec-butylbenzene	0.00	105	0	N.D.		
78) 4-isopropyltoluene	0.00	119	0	N.D.		
79) 1,3-dichlorobenzene	0.00	146	0	N.D.		
80) 1,4-dichlorobenzene	0.00	146	0	N.D.		
81) 1,2-dichlorobenzene	0.00	146	0	N.D.		
82) n-butylbenzene	0.00	91	0	N.D.		
83) 1,2-dibromo-3-chloroprop	0.00	157	0	N.D.		
84) hexachloroethane	0.00	201	0	N.D.		
85) 1,2,4-trichlorobenzene	0.00	180	0	N.D.		
86) hexachlorobutadiene	0.00	225	0	N.D.		
87) naphthalene	0.00	128	0	N.D.		
88) 1,2,3-trichlorobenzene	0.00	180	0	N.D.		
89) 2-methylnaphthalene	0.00	142	0	N.D.		

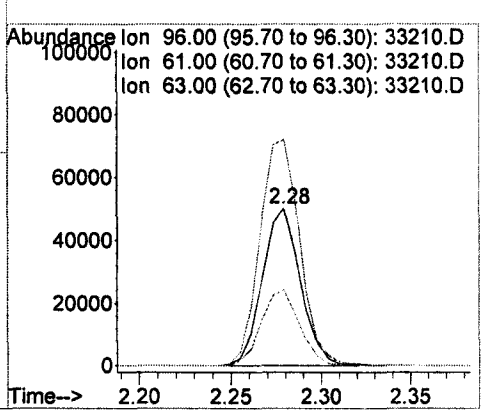
(#) = qualifier out of range (m) = manual integration (+) = signals summed

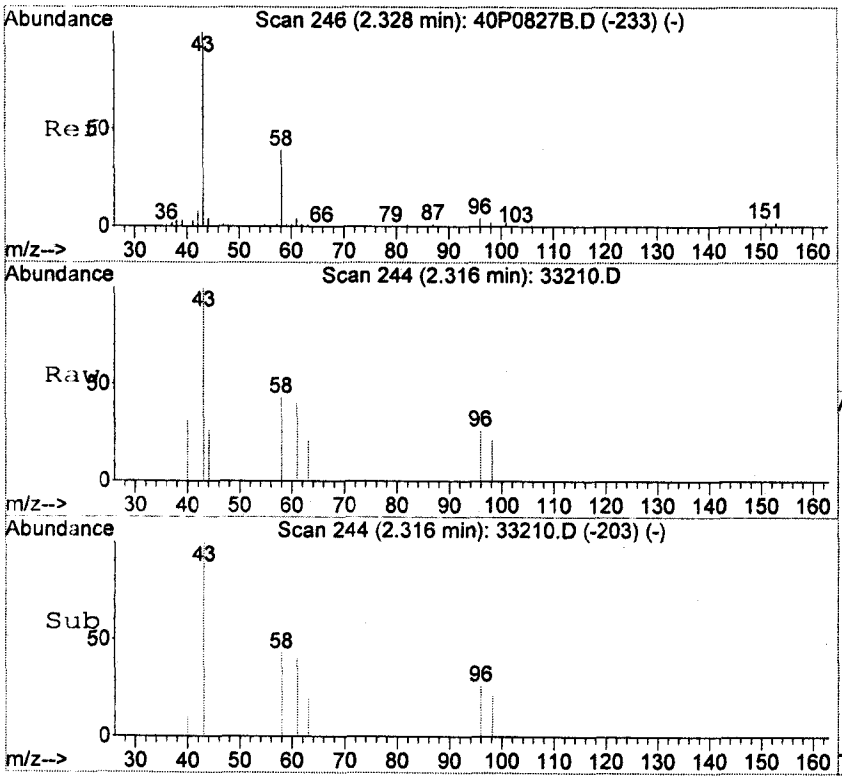


#13
1,1-dichloroethene
Concen: 19.11 ug/L
RT: 2.28 min Scan# 238
Delta R.T. 0.00 min
Lab File: 33210.D
Acq: 28 Dec 2010 19:15

Tgt Ion: 96 Resp: 73870

Ion	Ratio	Lower	Upper
96	100		
61	150.8	122.3	162.3
63	48.6	25.8	65.8

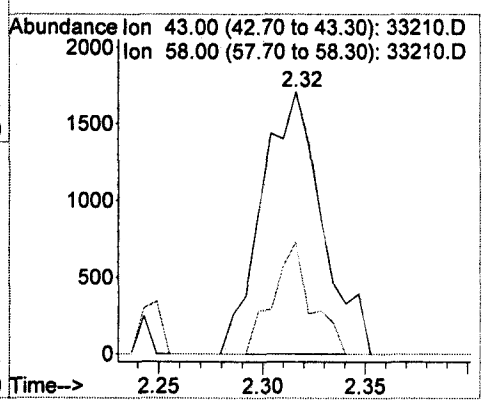


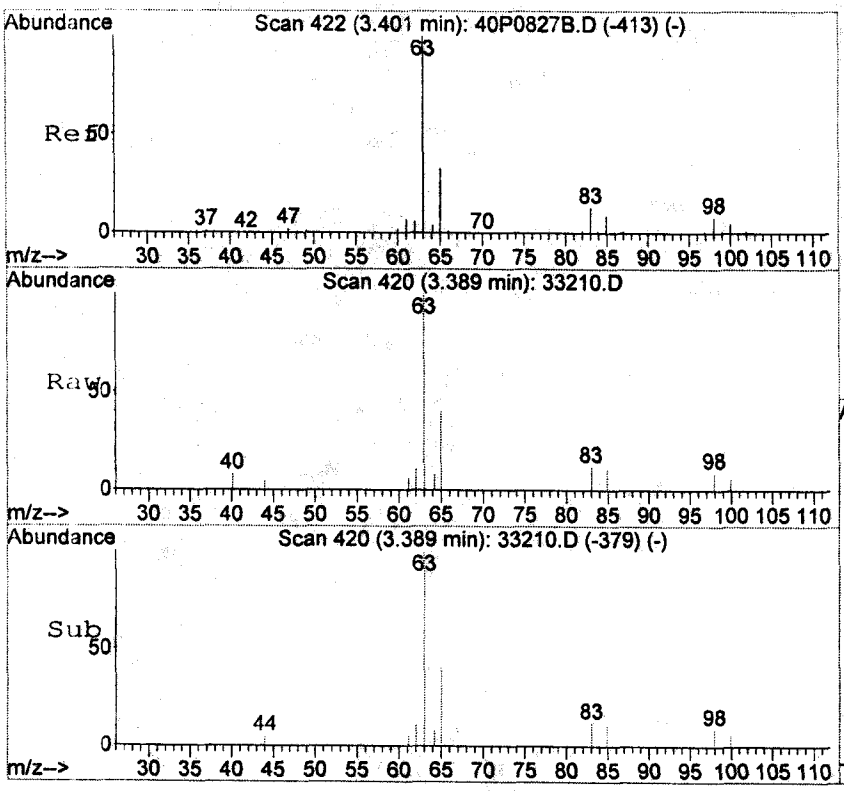


#15
acetone
Concen: 2.53 ug/L
RT: 2.32 min Scan# 244
Delta R.T. 0.00 min
Lab File: 33210.D
Acq: 28 Dec 2010 19:15

Tgt Ion: 43 Resp: 3493

Ion	Ratio	Lower	Upper
43	100		
58	0.0	12.3	52.3#

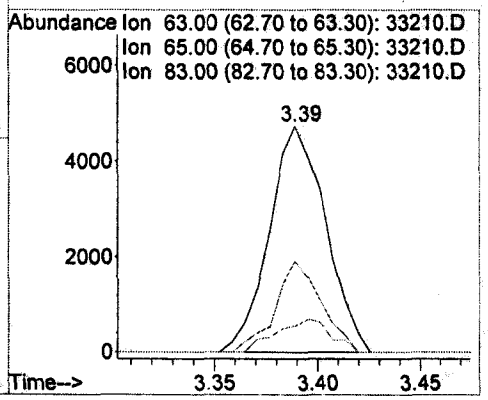


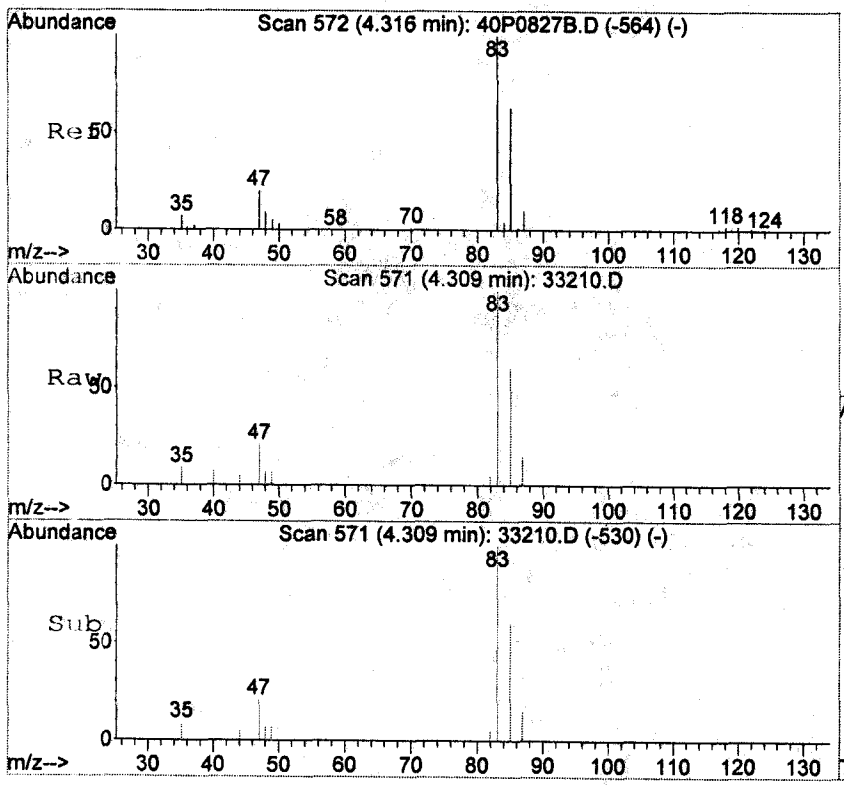


#21
1,1-dichloroethane
Concen: 1.29 ug/L
RT: 3.39 min Scan# 420
Delta R.T. 0.00 min
Lab File: 33210.D
Acq: 28 Dec 2010 19:15

Tgt Ion: 63 Resp: 9001

Ion	Ratio	Lower	Upper
63	100		
65	33.0	12.1	52.1
83	0.0	0.0	34.2

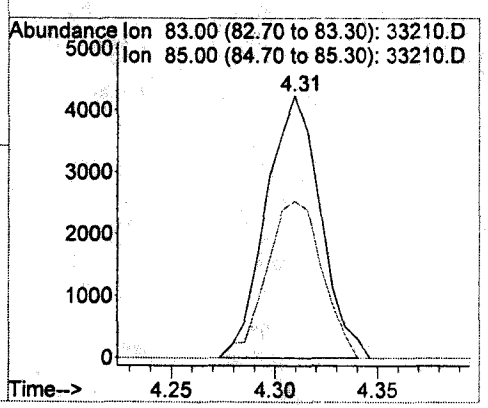


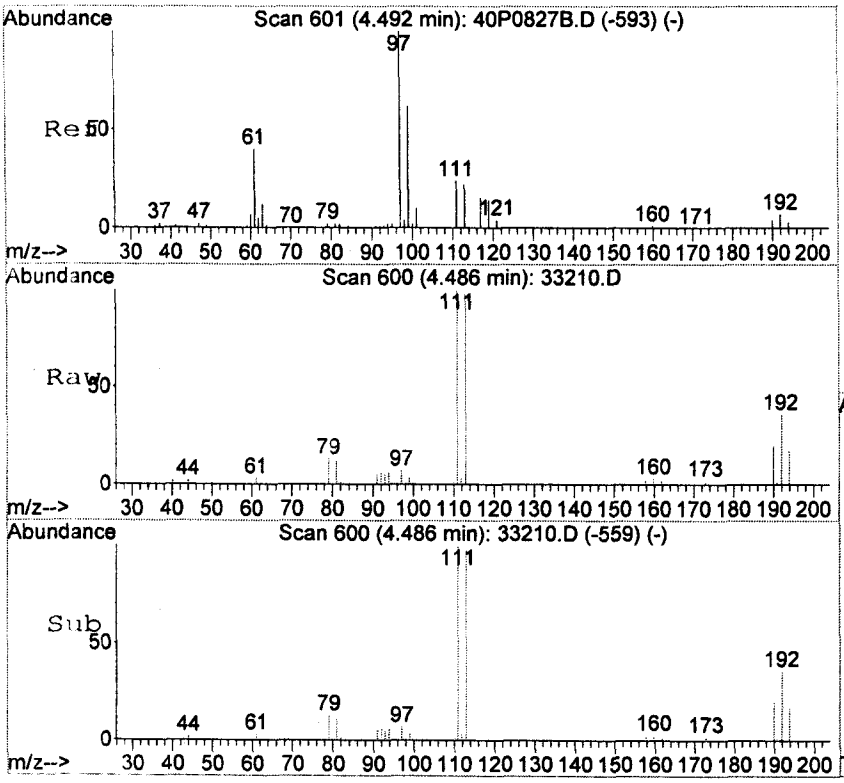


#27
chloroform
Concen: 1.00 ug/L
RT: 4.31 min Scan# 571
Delta R.T. 0.00 min
Lab File: 33210.D
Acq: 28 Dec 2010 19:15

Tgt Ion: 83 Resp: 7785

Ion	Ratio	Lower	Upper
83	100		
85	61.1	44.9	84.9

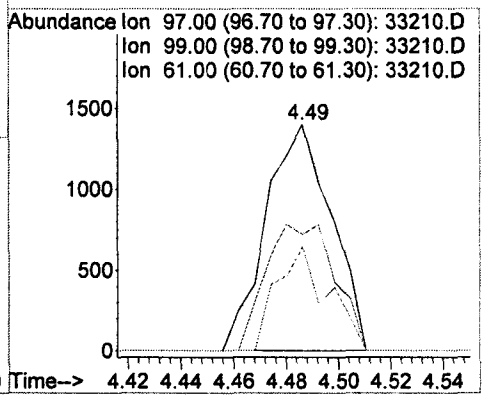




#29
1,1,1-trichloroethane
Concen: 0.34 ug/L
RT: 4.49 min Scan# 600
Delta R.T. 0.00 min
Lab File: 33210.D
Acq: 28 Dec 2010 19:15

Tgt Ion: 97 Resp: 2436

Ion	Ratio	Lower	Upper
97	100		
99	0.0	45.0	85.0#
61	0.0	16.2	56.2#



ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-18D (Duplicate 2)

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-11 File ID: 33211.D

Sampled: 12/17/10 10:40 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 19:52

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
67-64-1	Acetone	1	5.0	2.1	5.0	U
71-43-2	Benzene	1	1.0	0.18	1.0	U
108-86-1	Bromobenzene	1	1.0	0.19	1.0	U
74-97-5	Bromochloromethane	1	1.0	0.18	1.0	U
75-27-4	Bromodichloromethane	1	1.0	0.13	1.0	U
75-25-2	Bromoform	1	1.0	0.15	1.0	U
74-83-9	Bromomethane	1	1.0	0.18	1.0	U
104-51-8	n-Butylbenzene	1	1.0	0.18	1.0	U
135-98-8	sec-Butylbenzene	1	1.0	0.18	1.0	U
98-06-6	tert-Butylbenzene	1	1.0	0.15	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	0.13	1.0	U
108-90-7	Chlorobenzene	1	1.0	0.19	1.0	U
75-00-3	Chloroethane	1	1.0	0.15	1.0	U
67-66-3	Chloroform	1	1.0	0.17	1.0	
74-87-3	Chloromethane	1	1.0	0.16	1.0	U
95-49-8	2-Chlorotoluene	1	1.0	0.16	1.0	U
106-43-4	4-Chlorotoluene	1	1.0	0.12	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	0.40	1.0	U
124-48-1	Dibromochloromethane	1	1.0	0.14	1.0	U
106-93-4	1,2-Dibromoethane	1	1.0	0.22	1.0	U
74-95-3	Dibromomethane	1	1.0	0.23	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	0.12	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	0.13	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	0.12	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	0.21	1.0	U
75-34-3	1,1-Dichloroethane	1	1.3	0.13	1.0	
107-06-2	1,2-Dichloroethane	1	1.0	0.13	1.0	U
75-35-4	1,1-Dichloroethene	1	20	0.13	1.0	
156-59-2	cis-1,2-Dichloroethene	1	1.0	0.23	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	0.20	1.0	U
78-87-5	1,2-Dichloropropane	1	1.0	0.15	1.0	U
142-28-9	1,3-Dichloropropane	1	1.0	0.14	1.0	U
594-20-7	2,2-Dichloropropane	1	1.0	0.18	1.0	U

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-18D (Duplicate 2)

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-11 File ID: 33211.D

Sampled: 12/17/10 10:40 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 19:52

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
563-58-6	1,1-Dichloropropene	1	1.0	0.25	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	0.25	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	0.23	1.0	U
100-41-4	Ethylbenzene	1	1.0	0.14	1.0	U
87-68-3	Hexachlorobutadiene	1	1.0	0.28	1.0	U
98-82-8	Isopropylbenzene	1	1.0	0.15	1.0	U
99-87-6	4-Isopropyltoluene	1	1.0	0.29	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	0.28	1.0	U
75-09-2	Methylene Chloride	1	1.0	0.26	1.0	U
78-93-3	2-Butanone (MEK)	1	5.0	0.55	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	0.28	5.0	U
91-20-3	Naphthalene	1	5.0	0.37	5.0	U
103-65-1	n-Propylbenzene	1	1.0	0.15	1.0	U
100-42-5	Styrene	1	1.0	0.11	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1	1.0	0.16	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	0.070	1.0	U
127-18-4	Tetrachloroethene	1	1.0	0.16	1.0	U
108-88-3	Toluene	1	1.0	0.16	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1	1.0	0.18	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	0.16	1.0	U
71-55-6	1,1,1-Trichloroethane	1	0.31	0.19	1.0	J
79-00-5	1,1,2-Trichloroethane	1	1.0	0.18	1.0	U
79-01-6	Trichloroethene	1	1.0	0.092	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	0.20	1.0	U
96-18-4	1,2,3-Trichloropropane	1	1.0	0.28	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1	1.0	0.16	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1	1.0	0.18	1.0	U
75-01-4	Vinyl Chloride	1	1.0	0.10	1.0	U
136777-61-2	Xylene, Meta + Para	1	2.0	0.28	2.0	U
95-47-6	Xylene, Ortho	1	1.0	0.14	1.0	U

System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
Dibromofluoromethane	40.0	39.9	100	88 - 116	

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-18D (Duplicate 2)

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-11 File ID: 33211.D

Sampled: 12/17/10 10:40 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 19:52

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
1,2-Dichloroethane-d4	40.0	42.3	106	87 - 123	
Toluene-d8	40.0	38.2	95	91 - 107	
4-Bromofluorobenzene	40.0	39.7	99	84 - 106	

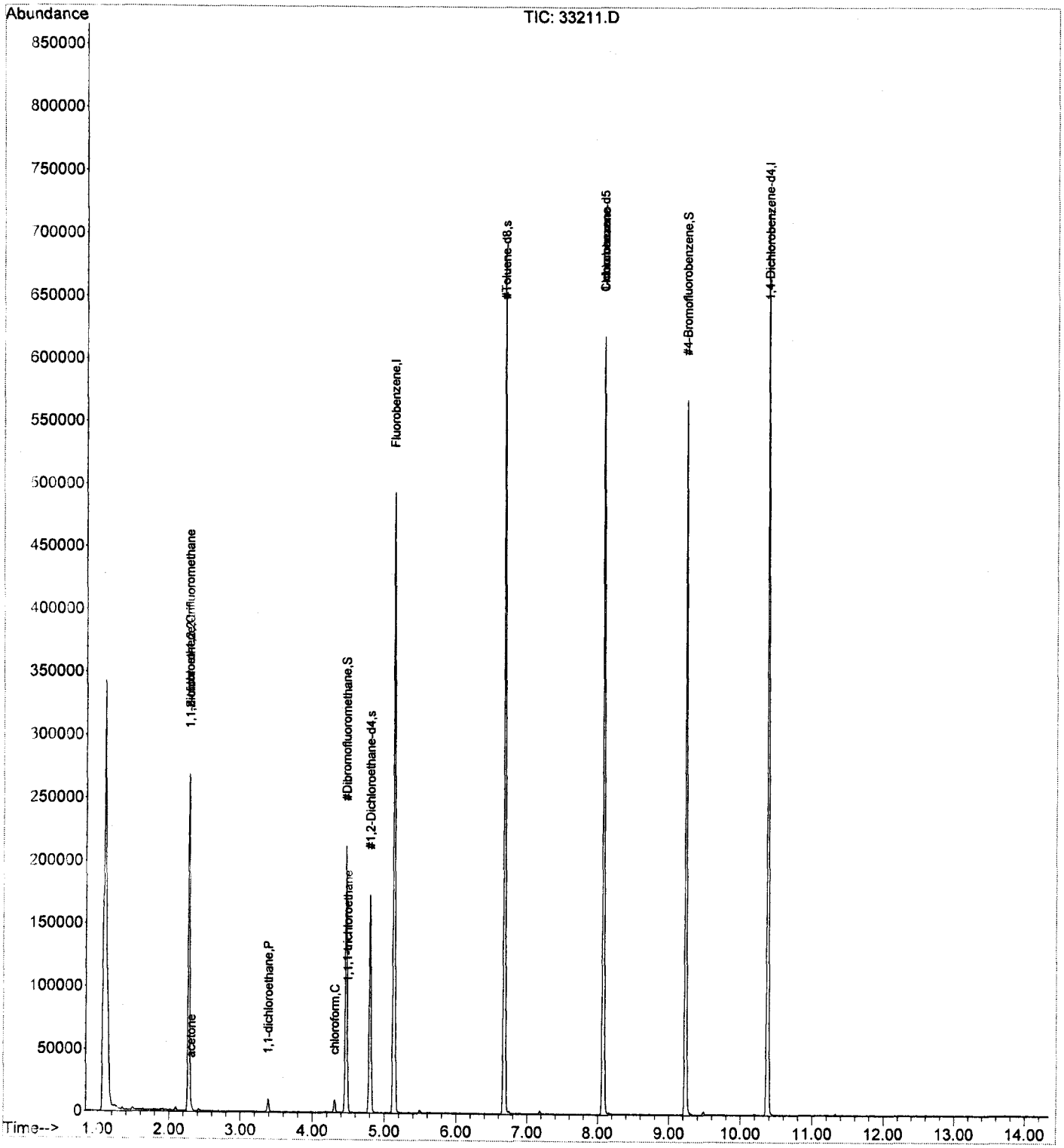
Internal Standard	Area	RT	Ref. Area	Ref. RT	Q
Fluorobenzene	419725	5.13	495489	5.13	
Chlorobenzene-d5	355616	8.08	453134	8.08	
1,4-Dichlorobenzene-d4	207728	10.38	273742	10.38	

* Values outside of QC limits

Quantitation Report (Not Edited)

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33211.D
Acq On : 28 Dec 2010 19:52
Operator : DLV
Sample : 1012332-11
Misc : MWH
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 28 20:06:54 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration



Quantitation Report (Not Edited)

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33211.D
Acq On : 28 Dec 2010 19:52
Operator : DLV
Sample : 1012332-11
Misc : MWH
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 28 20:06:54 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

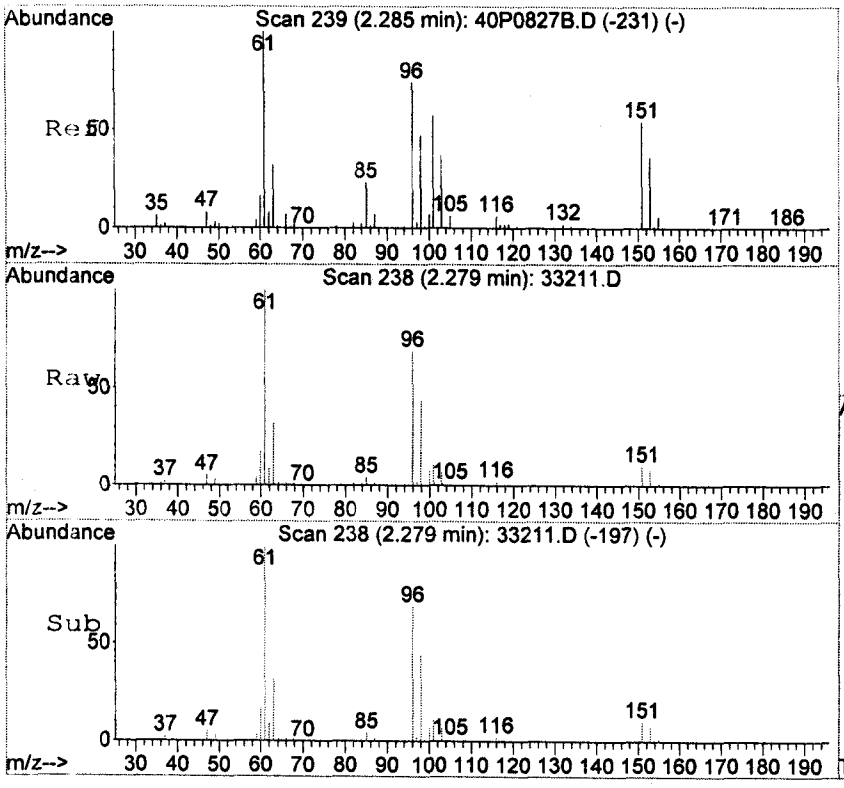
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	419725	40.00	ug/L		0.00 84.71%
50) Chlorobenzene-d5	8.08	117	355616	40.00	ug/L		0.00 78.48%
65) 1,4-Dichlorobenzene-d4	10.38	152	207728	40.00	ug/L		0.00 75.88%
System Monitoring Compounds							
30) #Dibromofluoromethane	4.47	111	110761	39.93	ug/L		0.00
Spiked Amount 40.000			Recovery =	99.83%			
37) #1,2-Dichloroethane-d4	4.80	65	115953	42.29	ug/L		0.00
Spiked Amount 40.000			Recovery =	105.73%			
46) #Toluene-d8	6.67	98	418578	38.16	ug/L		0.00
Spiked Amount 40.000			Recovery =	95.40%			
64) #4-Bromofluorobenzene	9.23	95	169241	39.69	ug/L		0.00
Spiked Amount 40.000			Recovery =	99.22%			
Target Compounds							Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.			
3) chloromethane	0.00	50	0	N.D.			
4) vinyl chloride	0.00	62	0	N.D.			
5) dichlorofluoromethane	0.00	67	0	N.D.			
6) bromomethane	0.00	94	0	N.D.			
7) chloroethane	0.00	64	0	N.D.			
8) trichlorofluoromethane	0.00	101	0	N.D.			
9) acrolein	0.00	56	0	N.D.			
10) ethyl ether	0.00	74	0	N.D.			
11) acrylonitrile	0.00	53	0	N.D.			
12) 1,1,2-trichloro-1,2,2-trif	2.27	101	15514	4.80	ug/L		96
13) 1,1-dichloroethene	2.28	96	76649	19.83	ug/L		96
14) iodomethane	0.00	142	0	N.D.			
15) acetone	2.32	43	2900	1.73	ug/L	#	42
16) methyl acetate	0.00	43	0	N.D.			
17) carbon disulfide	0.00	76	0	N.D.			
18) methylene chloride	0.00	49	0	N.D.			
19) trans-1,2-dichloroethene	0.00	96	0	N.D.			
20) methyl (tert) butyl ethe	0.00	73	0	N.D.			
21) 1,1-dichloroethane	3.39	63	9264	1.33	ug/L	#	88
22) vinyl acetate	0.00	43	0	N.D.			
23) 2,2-dichloropropane	0.00	77	0	N.D.			
24) cis-1,2-dichloroethene	0.00	96	0	N.D.			
25) 2-butanone (MEK)	0.00	43	0	N.D.			
26) bromochloromethane	0.00	49	0	N.D.			
27) chloroform	4.31	83	7985	1.02	ug/L		99
28) tetrahydrofuran	0.00	71	0	N.D.			
29) 1,1,1-trichloroethane	4.49	97	2210	0.31	ug/L	#	74
31) carbon tetrachloride	0.00	117	0	N.D.			
32) 1,1-dichloropropene	0.00	75	0	N.D.			
33) cyclohexane	0.00	56	0	N.D.			
34) benzene	0.00	78	0	N.D.			
35) 1,2-dichloroethane	0.00	62	0	N.D.			
36) heptane	5.13	57	11630	No Calib		#	

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33211.D
Acq On : 28 Dec 2010 19:52
Operator : DLV
Sample : 1012332-11
Misc : MWH
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 28 20:06:54 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
38) trichloroethene	0.00	130	0	N.D.	
39) 1,2-dichloropropane	0.00	63	0	N.D.	
40) dibromomethane	0.00	93	0	N.D.	
41) bromodichloromethane	0.00	83	0	N.D.	
42) methylcyclohexane	0.00	83	0	N.D.	
43) 2-chloroethyl vinyl ethe	0.00	63	0	N.D.	
44) cis-1,3-dichloropropene	0.00	75	0	N.D.	
45) 4-methyl-2-pentanone (MI	0.00	43	0	N.D.	
47) toluene	0.00	91	0	N.D.	
48) trans-1,3-dichloropropen	0.00	75	0	N.D.	
49) 1,1,2-trichloroethane	0.00	83	0	N.D.	
51) tetrachloroethene	0.00	166	0	N.D.	
52) 1,3-dichloropropane	0.00	76	0	N.D.	
53) 2-hexanone (MBK)	0.00	43	0	N.D.	
54) dibromochloromethane	0.00	129	0	N.D.	
55) 1,2-dibromoethane	0.00	109	0	N.D.	
56) chlorobenzene	0.00	112	0	N.D.	
57) 1,1,1,2-tetrachloroethan	0.00	131	0	N.D.	
58) 1-chlorohexane	8.08	55	2446	0.02 ug/L #	1
59) ethylbenzene	0.00	91	0	N.D.	
60) m+p-xylene	0.00	106	0	N.D.	
61) o-xylene	0.00	106	0	N.D.	
62) styrene	0.00	104	0	N.D.	
63) bromoform	0.00	173	0	N.D.	
66) isopropylbenzene	0.00	105	0	N.D.	
67) bromobenzene	0.00	77	0	N.D.	
68) 1,1,2,2-tetrachloroethan	0.00	83	0	N.D.	
69) 1,4-dichloro-2-butene	0.00	53	0	N.D.	
70) 1,2,3-trichloropropane	0.00	75	0	N.D.	
71) n-propylbenzene	0.00	120	0	N.D.	
72) 2-chlorotoluene	0.00	126	0	N.D.	
73) 1,3,5-trimethylbenzene	0.00	105	0	N.D.	
74) 4-chlorotoluene	0.00	126	0	N.D.	
75) tert-butylbenzene	0.00	119	0	N.D.	
76) 1,2,4-trimethylbenzene	0.00	105	0	N.D.	
77) sec-butylbenzene	0.00	105	0	N.D.	
78) 4-isopropyltoluene	0.00	119	0	N.D.	
79) 1,3-dichlorobenzene	0.00	146	0	N.D.	
80) 1,4-dichlorobenzene	0.00	146	0	N.D.	
81) 1,2-dichlorobenzene	0.00	146	0	N.D.	
82) n-butylbenzene	0.00	91	0	N.D.	
83) 1,2-dibromo-3-chloroprop	0.00	157	0	N.D.	
84) hexachloroethane	0.00	201	0	N.D.	
85) 1,2,4-trichlorobenzene	0.00	180	0	N.D.	
86) hexachlorobutadiene	0.00	225	0	N.D.	
87) naphthalene	0.00	128	0	N.D.	
88) 1,2,3-trichlorobenzene	0.00	180	0	N.D.	
89) 2-methylnaphthalene	0.00	142	0	N.D.	

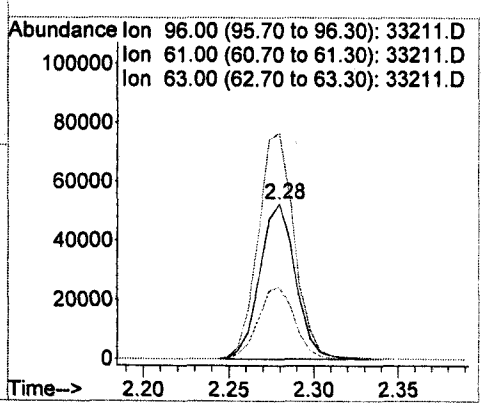
(#) = qualifier out of range (m) = manual integration (+) = signals summed

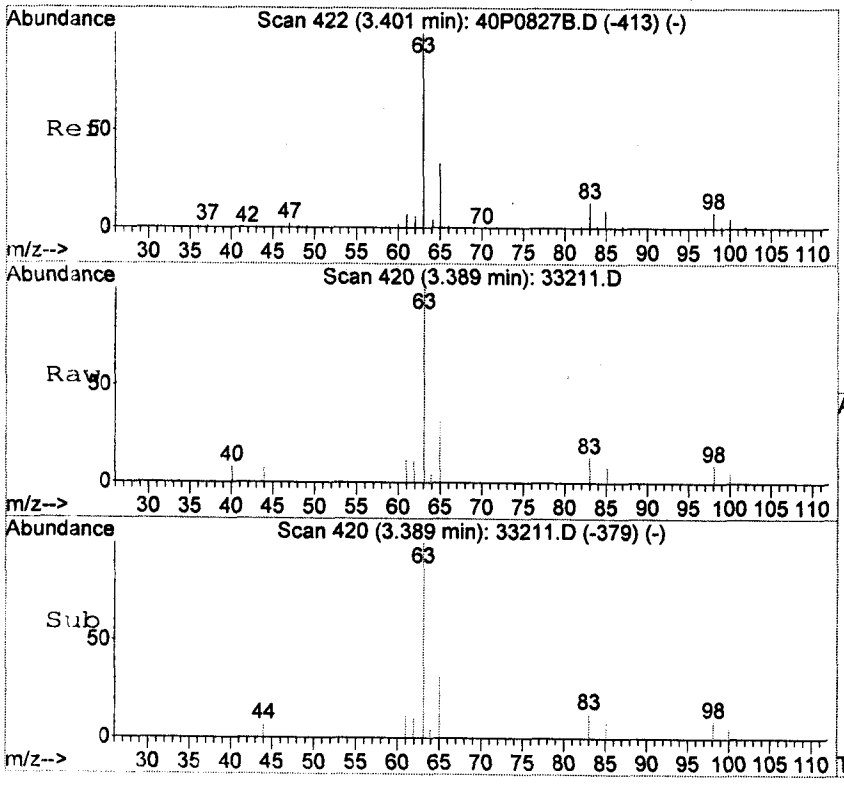


#13
1,1-dichloroethene
Concen: 19.83 ug/L
RT: 2.28 min Scan# 238
Delta R.T. -0.00 min
Lab File: 33211.D
Acq: 28 Dec 2010 19:52

Tgt Ion: 96 Resp: 76649

Ion	Ratio	Lower	Upper
96	100		
61	148.0	122.3	162.3
63	47.3	25.8	65.8

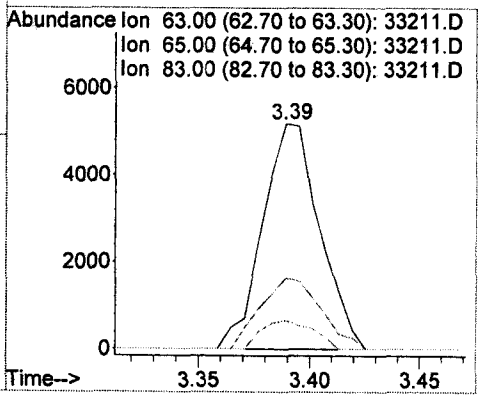


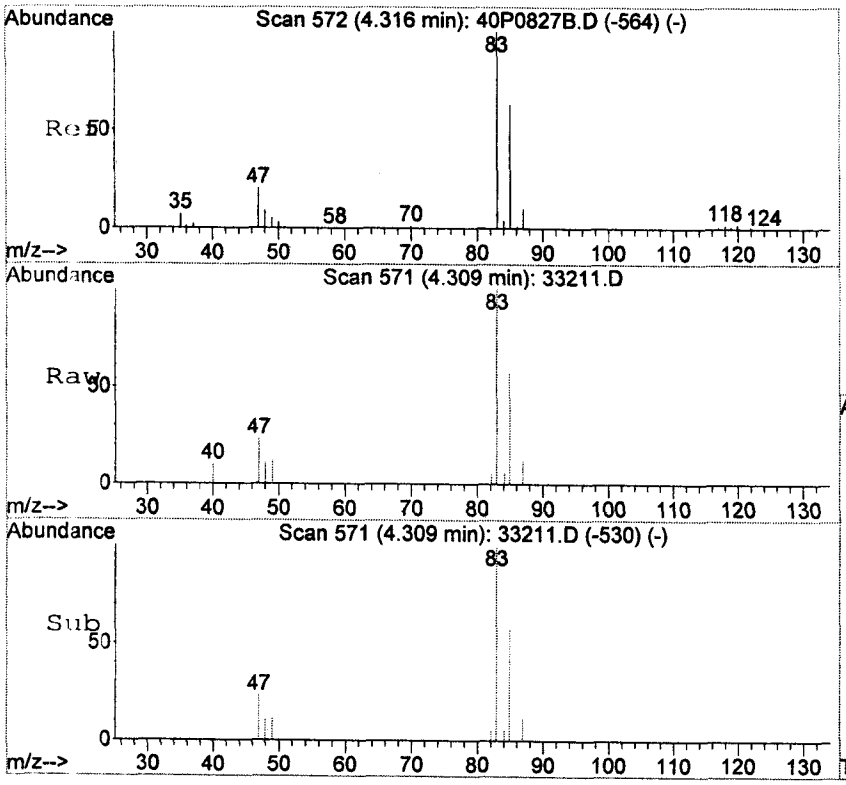


#21
1,1-dichloroethane
Concen: 1.33 ug/L
RT: 3.39 min Scan# 420
Delta R.T. -0.00 min
Lab File: 33211.D
Acq: 28 Dec 2010 19:52

Tgt Ion: 63 Resp: 9264

Ion	Ratio	Lower	Upper
63	100		
65	33.6	12.1	52.1
83	0.0	0.0	34.2

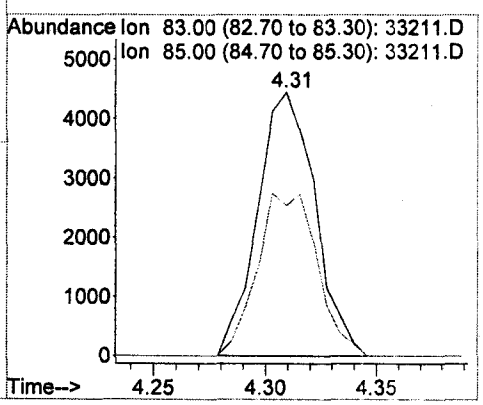


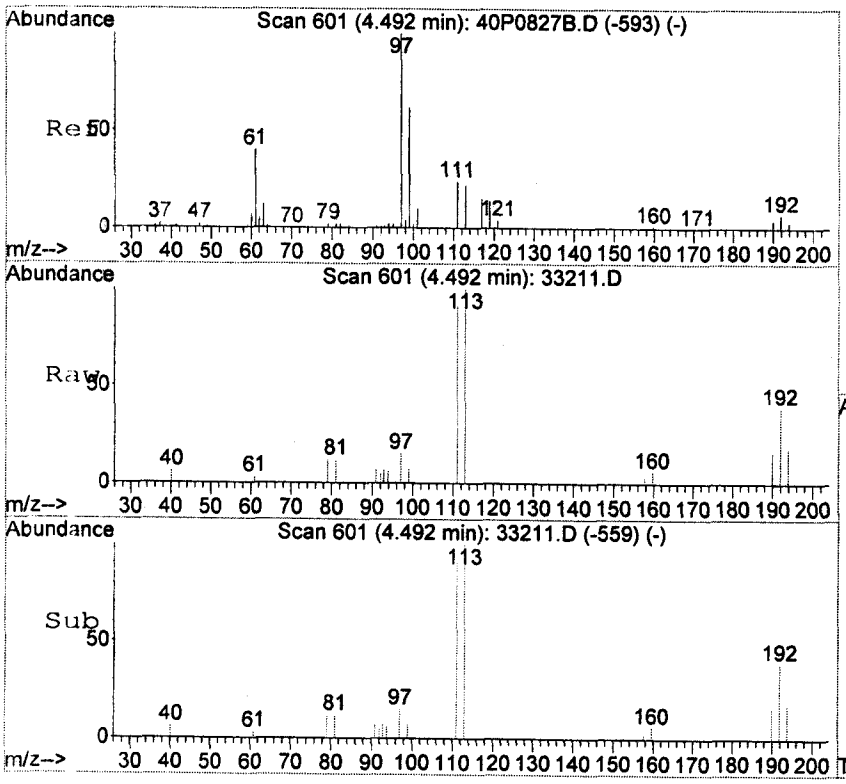


#27
chloroform
Concen: 1.02 ug/L
RT: 4.31 min Scan# 571
Delta R.T. -0.00 min
Lab File: 33211.D
Acq: 28 Dec 2010 19:52

Tgt Ion: 83 Resp: 7985

Ion	Ratio	Lower	Upper
83	100		
85	64.4	44.9	84.9

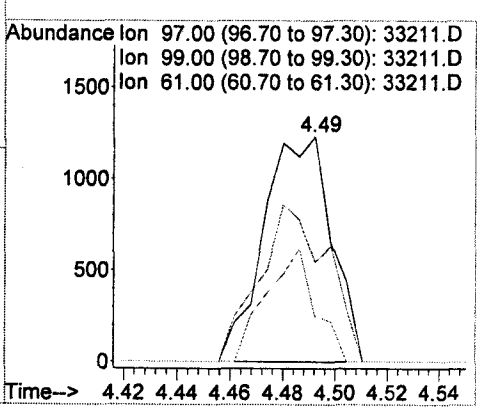




#29
1,1,1-trichloroethane
Concen: 0.31 ug/L
RT: 4.49 min Scan# 601
Delta R.T. 0.01 min
Lab File: 33211.D
Acq: 28 Dec 2010 19:52

Tgt Ion: 97 Resp: 2210

Ion	Ratio	Lower	Upper
97	100		
99	70.0	45.0	85.0
61	0.0	16.2	56.2#



ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-17D

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-12 File ID: 33212.D

Sampled: 12/17/10 11:25 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 12:32

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
67-64-1	Acetone	1	3.5	2.1	5.0	J
71-43-2	Benzene	1	1.0	0.18	1.0	U
108-86-1	Bromobenzene	1	1.0	0.19	1.0	U
74-97-5	Bromochloromethane	1	1.0	0.18	1.0	U
75-27-4	Bromodichloromethane	1	1.0	0.13	1.0	U
75-25-2	Bromoform	1	1.0	0.15	1.0	U
74-83-9	Bromomethane	1	1.0	0.18	1.0	U
104-51-8	n-Butylbenzene	1	1.0	0.18	1.0	U
135-98-8	sec-Butylbenzene	1	1.0	0.18	1.0	U
98-06-6	tert-Butylbenzene	1	1.0	0.15	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	0.13	1.0	U
108-90-7	Chlorobenzene	1	1.0	0.19	1.0	U
75-00-3	Chloroethane	1	1.0	0.15	1.0	U
67-66-3	Chloroform	1	1.0	0.17	1.0	U
74-87-3	Chloromethane	1	1.0	0.16	1.0	U
95-49-8	2-Chlorotoluene	1	1.0	0.16	1.0	U
106-43-4	4-Chlorotoluene	1	1.0	0.12	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	0.40	1.0	U
124-48-1	Dibromochloromethane	1	1.0	0.14	1.0	U
106-93-4	1,2-Dibromoethane	1	1.0	0.22	1.0	U
74-95-3	Dibromomethane	1	1.0	0.23	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	0.12	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	0.13	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	0.12	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	0.21	1.0	U
75-34-3	1,1-Dichloroethane	1	1.9	0.13	1.0	
107-06-2	1,2-Dichloroethane	1	1.0	0.13	1.0	U
75-35-4	1,1-Dichloroethene	1	64	0.13	1.0	
156-59-2	cis-1,2-Dichloroethene	1	1.0	0.23	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	0.20	1.0	U
78-87-5	1,2-Dichloropropane	1	1.0	0.15	1.0	U
142-28-9	1,3-Dichloropropane	1	1.0	0.14	1.0	U
594-20-7	2,2-Dichloropropane	1	1.0	0.18	1.0	U

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-17D

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-12 File ID: 33212.D

Sampled: 12/17/10 11:25 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 12:32

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
563-58-6	1,1-Dichloropropene	1	1.0	0.25	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	0.25	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	0.23	1.0	U
100-41-4	Ethylbenzene	1	1.0	0.14	1.0	U
87-68-3	Hexachlorobutadiene	1	1.0	0.28	1.0	U
98-82-8	Isopropylbenzene	1	1.0	0.15	1.0	U
99-87-6	4-Isopropyltoluene	1	1.0	0.29	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	0.28	1.0	U
75-09-2	Methylene Chloride	1	1.0	0.26	1.0	U
78-93-3	2-Butanone (MEK)	1	5.0	0.55	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	0.28	5.0	U
91-20-3	Naphthalene	1	5.0	0.37	5.0	U
103-65-1	n-Propylbenzene	1	1.0	0.15	1.0	U
100-42-5	Styrene	1	1.0	0.11	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1	1.0	0.16	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	0.070	1.0	U
127-18-4	Tetrachloroethene	1	1.0	0.16	1.0	U
108-88-3	Toluene	1	1.0	0.16	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1	1.0	0.18	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	0.16	1.0	U
71-55-6	1,1,1-Trichloroethane	1	1.0	0.19	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	0.18	1.0	U
79-01-6	Trichloroethene	1	1.0	0.092	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	0.20	1.0	U
96-18-4	1,2,3-Trichloropropane	1	1.0	0.28	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1	1.0	0.16	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1	1.0	0.18	1.0	U
75-01-4	Vinyl Chloride	1	1.0	0.10	1.0	U
136777-61-2	Xylene, Meta + Para	1	2.0	0.28	2.0	U
95-47-6	Xylene, Ortho	1	1.0	0.14	1.0	U

System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
Dibromofluoromethane	40.0	39.8	100	88 - 116	

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-17D

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-12 File ID: 33212.D

Sampled: 12/17/10 11:25 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 12:32

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

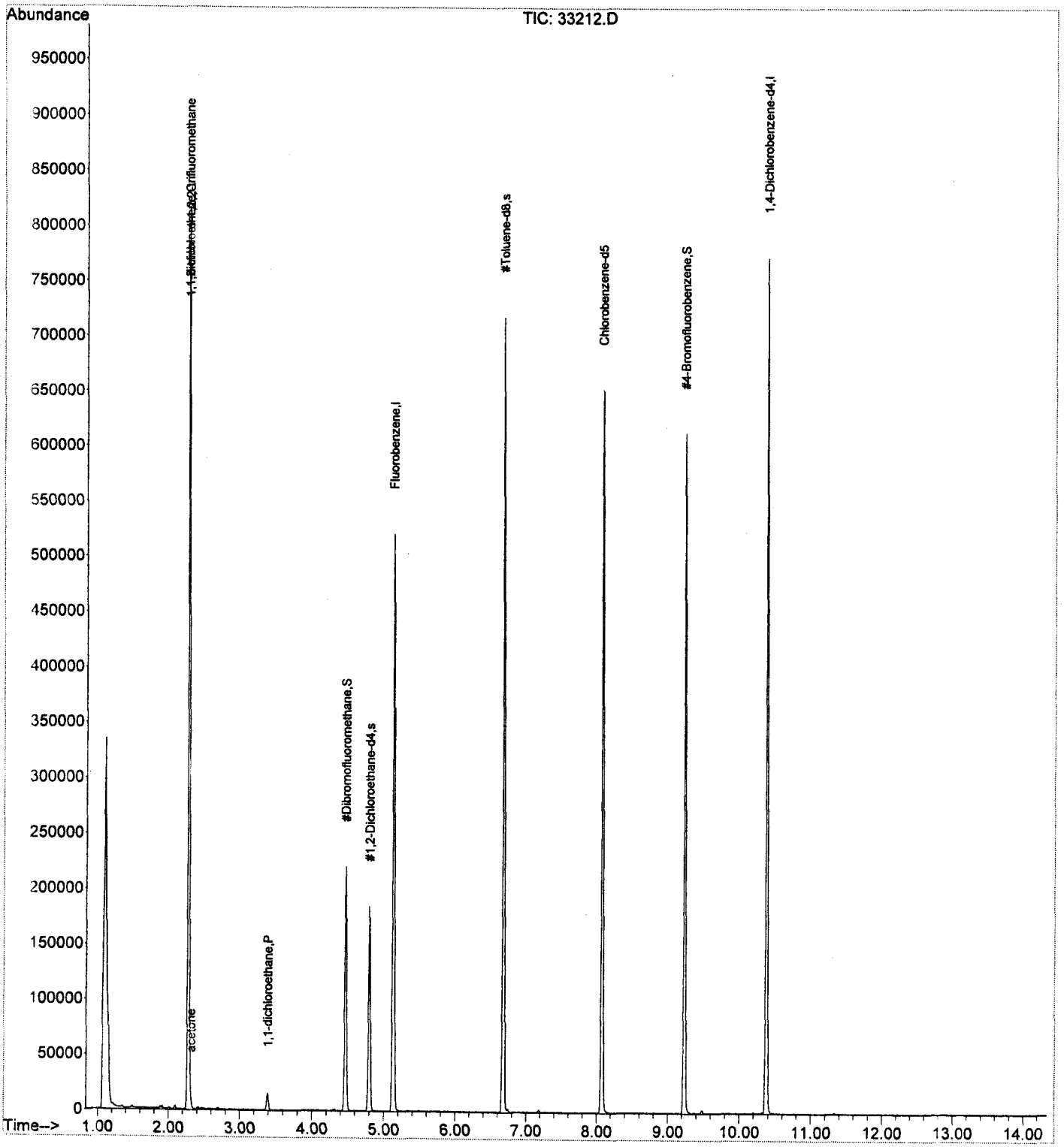
System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
1,2-Dichloroethane-d4	40.0	42.4	106	87 - 123	
Toluene-d8	40.0	38.0	95	91 - 107	
4-Bromofluorobenzene	40.0	39.6	99	84 - 106	

Internal Standard	Area	RT	Ref. Area	Ref. RT	Q
Fluorobenzene	443696	5.13	495489	5.13	
Chlorobenzene-d5	377296	8.08	453134	8.08	
1,4-Dichlorobenzene-d4	223863	10.38	273742	10.38	

* Values outside of QC limits

Data Path : C:\MSDCHEM\1\DATA\12-28-10\
InstName : 224
Data File : 33212.D
Acq On : 28 Dec 2010 12:32
Operator : DLV
Sample : 1012332-12
Misc : MWH
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 28 12:47:23 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration



Data Path : C:\MSDCHEM\1\DATA\12-28-10\
InstName : 224
Data File : 33212.D
Acq On : 28 Dec 2010 12:32
Operator : DLV
Sample : 1012332-12
Misc : MWH
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 28 12:47:23 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

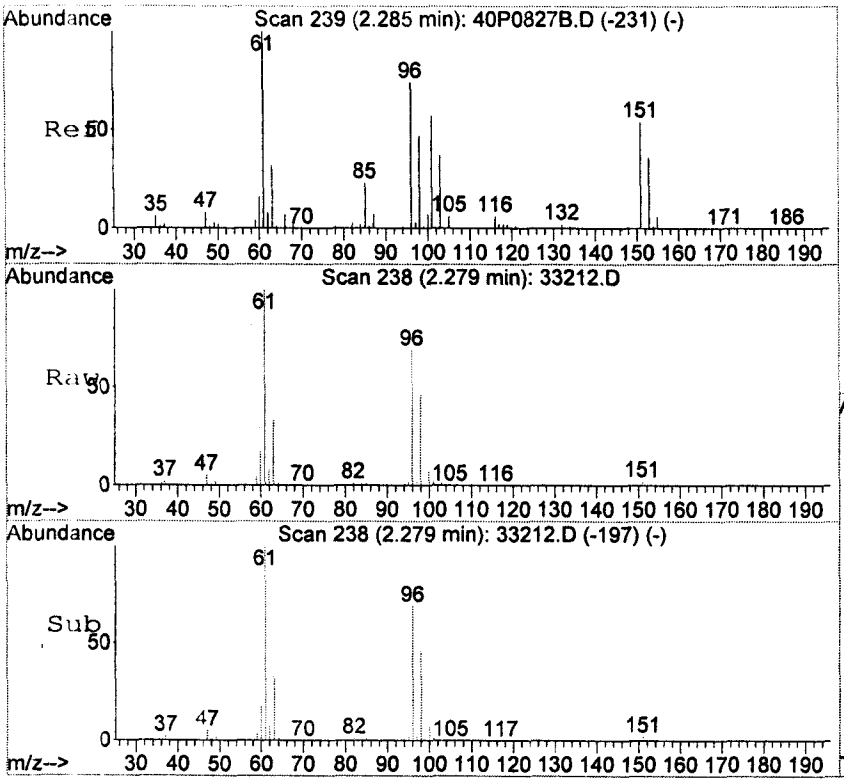
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	443696	40.00 ug/L	0.00 89.55%
50) Chlorobenzene-d5	8.08	117	377296	40.00 ug/L	0.00 83.26%
65) 1,4-Dichlorobenzene-d4	10.38	152	223863	40.00 ug/L	0.00 81.78%
System Monitoring Compounds					
30) #Dibromofluoromethane	4.47	111	116867	39.85 ug/L	0.00
Spiked Amount 40.000			Recovery =	99.63%	
37) #1,2-Dichloroethane-d4	4.80	65	123027	42.45 ug/L	0.00
Spiked Amount 40.000			Recovery =	106.13%	
46) #Toluene-d8	6.67	98	440676	38.00 ug/L	0.00
Spiked Amount 40.000			Recovery =	95.00%	
64) #4-Bromofluorobenzene	9.23	95	179092	39.59 ug/L	0.00
Spiked Amount 40.000			Recovery =	98.98%	
Target Compounds					Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.	
3) chloromethane	0.00	50	0	N.D.	
4) vinyl chloride	0.00	62	0	N.D.	
5) dichlorofluoromethane	0.00	67	0	N.D.	
6) bromomethane	0.00	94	0	N.D.	
7) chloroethane	0.00	64	0	N.D.	
8) trichlorofluoromethane	0.00	101	0	N.D.	
9) acrolein	0.00	56	0	N.D.	
10) ethyl ether	0.00	74	0	N.D.	
11) acrylonitrile	0.00	53	0	N.D.	
12) 1,1,2-trichloro-1,2,2-trif	2.27	101	10668	3.12 ug/L	86
13) 1,1-dichloroethene	2.28	96	263584	64.50 ug/L	97
14) iodomethane	0.00	142	0	N.D.	
15) acetone	2.32	43	4461	3.51 ug/L #	42
16) methyl acetate	0.00	43	0	N.D.	
17) carbon disulfide	0.00	76	0	N.D.	
18) methylene chloride	0.00	49	0	N.D.	
19) trans-1,2-dichloroethene	0.00	96	0	N.D.	
20) methyl (tert) butyl ethe	0.00	73	0	N.D.	
21) 1,1-dichloroethane	3.39	63	14158	1.92 ug/L	99
22) vinyl acetate	0.00	43	0	N.D.	
23) 2,2-dichloropropane	0.00	77	0	N.D.	
24) cis-1,2-dichloroethene	0.00	96	0	N.D.	
25) 2-butanone (MEK)	0.00	43	0	N.D.	
26) bromochloromethane	0.00	49	0	N.D.	
27) chloroform	0.00	83	0	N.D.	
28) tetrahydrofuran	0.00	71	0	N.D.	
29) 1,1,1-trichloroethane	0.00	97	0	N.D.	
31) carbon tetrachloride	0.00	117	0	N.D.	
32) 1,1-dichloropropene	0.00	75	0	N.D.	
33) cyclohexane	0.00	56	0	N.D.	
34) benzene	0.00	78	0	N.D.	
35) 1,2-dichloroethane	0.00	62	0	N.D.	
36) heptane	5.13	57	11984	No Calib #	

Data Path : C:\MSDCHEM\1\DATA\12-28-10\
InstName : 224
Data File : 33212.D
Acq On : 28 Dec 2010 12:32
Operator : DLV
Sample : 1012332-12
Misc : MWH
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 28 12:47:23 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
38) trichloroethene	0.00	130	0	N.D.	
39) 1,2-dichloropropane	0.00	63	0	N.D.	
40) dibromomethane	0.00	93	0	N.D.	
41) bromodichloromethane	0.00	83	0	N.D.	
42) methylcyclohexane	0.00	83	0	N.D.	
43) 2-chloroethyl vinyl ethe	0.00	63	0	N.D.	
44) cis-1,3-dichloropropene	0.00	75	0	N.D.	
45) 4-methyl-2-pentanone (MI	0.00	43	0	N.D.	
47) toluene	0.00	91	0	N.D.	
48) trans-1,3-dichloropropen	0.00	75	0	N.D.	
49) 1,1,2-trichloroethane	0.00	83	0	N.D.	
51) tetrachloroethene	0.00	166	0	N.D.	
52) 1,3-dichloropropane	0.00	76	0	N.D.	
53) 2-hexanone (MBK)	0.00	43	0	N.D.	
54) dibromochloromethane	0.00	129	0	N.D.	
55) 1,2-dibromoethane	0.00	109	0	N.D.	
56) chlorobenzene	0.00	112	0	N.D.	
57) 1,1,1,2-tetrachloroethan	0.00	131	0	N.D.	
58) 1-chlorohexane	8.07	55	2507	Below Cal #	1
59) ethylbenzene	0.00	91	0	N.D.	
60) m+p-xylene	0.00	106	0	N.D.	
61) o-xylene	0.00	106	0	N.D.	
62) styrene	0.00	104	0	N.D.	
63) bromoform	0.00	173	0	N.D.	
66) isopropylbenzene	0.00	105	0	N.D.	
67) bromobenzene	0.00	77	0	N.D.	
68) 1,1,2,2-tetrachloroethan	0.00	83	0	N.D.	
69) 1,4-dichloro-2-butene	0.00	53	0	N.D.	
70) 1,2,3-trichloropropane	0.00	75	0	N.D.	
71) n-propylbenzene	0.00	120	0	N.D.	
72) 2-chlorotoluene	0.00	126	0	N.D.	
73) 1,3,5-trimethylbenzene	0.00	105	0	N.D.	
74) 4-chlorotoluene	0.00	126	0	N.D.	
75) tert-butylbenzene	0.00	119	0	N.D.	
76) 1,2,4-trimethylbenzene	0.00	105	0	N.D.	
77) sec-butylbenzene	0.00	105	0	N.D.	
78) 4-isopropyltoluene	0.00	119	0	N.D.	
79) 1,3-dichlorobenzene	0.00	146	0	N.D.	
80) 1,4-dichlorobenzene	0.00	146	0	N.D.	
81) 1,2-dichlorobenzene	0.00	146	0	N.D.	
82) n-butylbenzene	0.00	91	0	N.D.	
83) 1,2-dibromo-3-chloroprop	0.00	157	0	N.D.	
84) hexachloroethane	0.00	201	0	N.D.	
85) 1,2,4-trichlorobenzene	0.00	180	0	N.D.	
86) hexachlorobutadiene	0.00	225	0	N.D.	
87) naphthalene	0.00	128	0	N.D.	
88) 1,2,3-trichlorobenzene	0.00	180	0	N.D.	
89) 2-methylnaphthalene	0.00	142	0	N.D.	

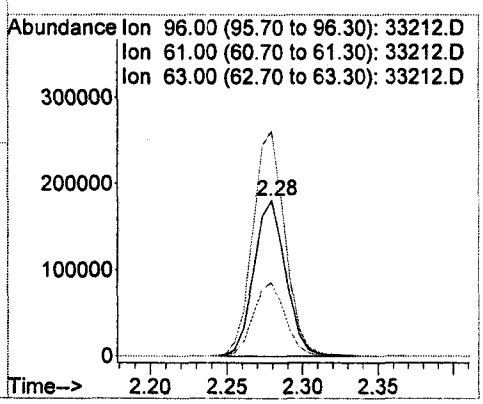
(#) = qualifier out of range (m) = manual integration (+) = signals summed

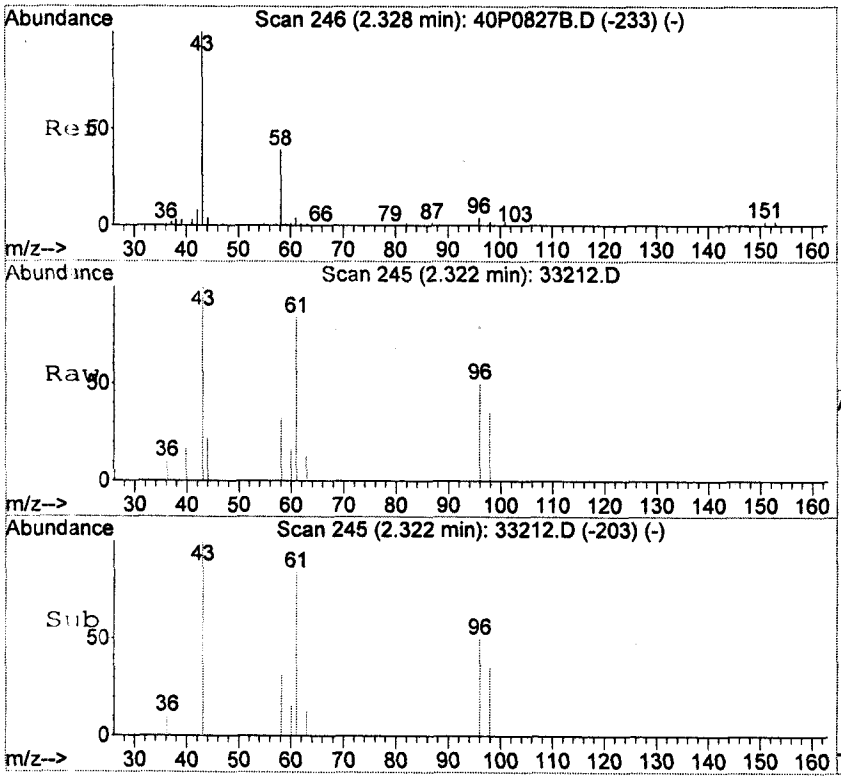


#13
1,1-dichloroethene
Concen: 64.50 ug/L
RT: 2.28 min Scan# 238
Delta R.T. -0.00 min
Lab File: 33212.D
Acq: 28 Dec 2010 12:32

Tgt Ion: 96 Resp: 263584

Ion	Ratio	Lower	Upper
96	100		
61	146.8	122.3	162.3
63	47.7	25.8	65.8

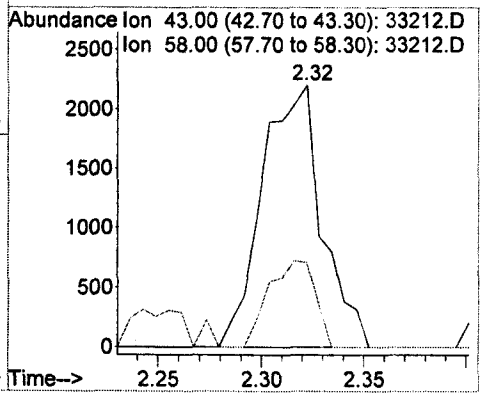


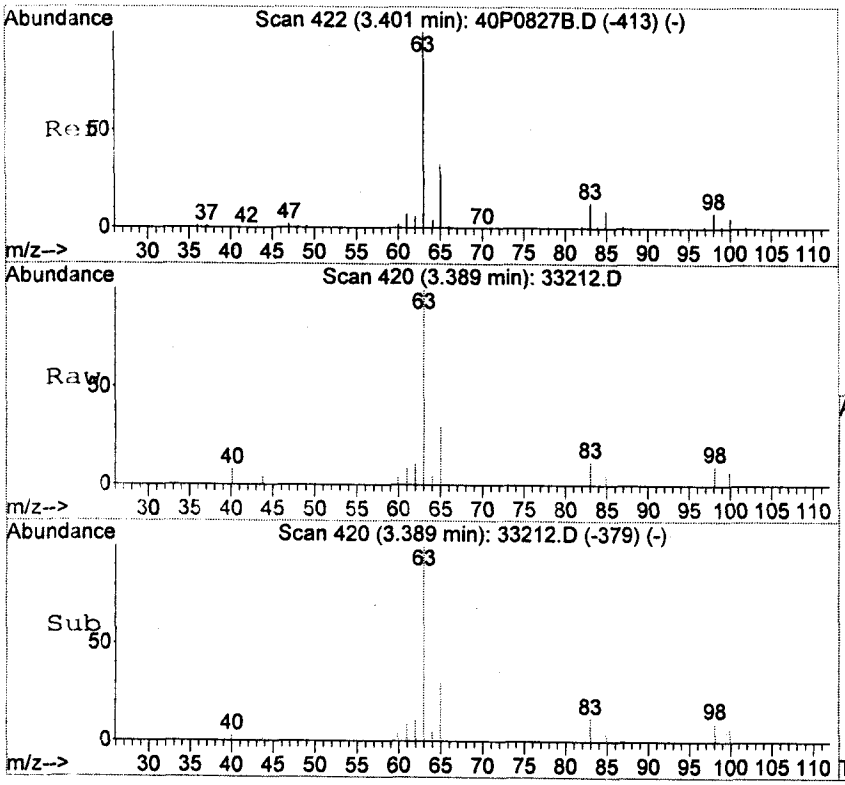


#15
acetone
Concen: 3.51 ug/L
RT: 2.32 min Scan# 245
Delta R.T. 0.01 min
Lab File: 33212.D
Acq: 28 Dec 2010 12:32

Tgt Ion: 43 Resp: 4461

Ion	Ratio	Lower	Upper
43	100		
58	0.0	12.3	52.3#

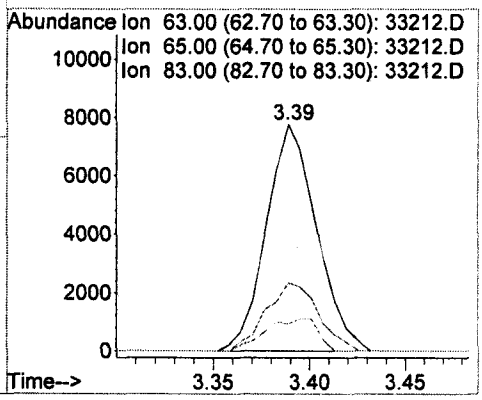




#21
1,1-dichloroethane
Concen: 1.92 ug/L
RT: 3.39 min Scan# 420
Delta R.T. -0.00 min
Lab File: 33212.D
Acq: 28 Dec 2010 12:32

Tgt Ion: 63 Resp: 14158

Ion	Ratio	Lower	Upper
63	100		
65	31.5	12.1	52.1
83	14.9	0.0	34.2



ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-19D

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-13 File ID: 33213.D

Sampled: 12/17/10 12:25 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 13:09

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
67-64-1	Acetone	1	5.0	2.1	5.0	U
71-43-2	Benzene	1	1.0	0.18	1.0	U
108-86-1	Bromobenzene	1	1.0	0.19	1.0	U
74-97-5	Bromochloromethane	1	1.0	0.18	1.0	U
75-27-4	Bromodichloromethane	1	1.0	0.13	1.0	U
75-25-2	Bromoform	1	1.0	0.15	1.0	U
74-83-9	Bromomethane	1	1.0	0.18	1.0	U
104-51-8	n-Butylbenzene	1	1.0	0.18	1.0	U
135-98-8	sec-Butylbenzene	1	1.0	0.18	1.0	U
98-06-6	tert-Butylbenzene	1	1.0	0.15	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	0.13	1.0	U
108-90-7	Chlorobenzene	1	1.0	0.19	1.0	U
75-00-3	Chloroethane	1	1.0	0.15	1.0	U
67-66-3	Chloroform	1	1.6	0.17	1.0	
74-87-3	Chloromethane	1	1.0	0.16	1.0	U
95-49-8	2-Chlorotoluene	1	1.0	0.16	1.0	U
106-43-4	4-Chlorotoluene	1	1.0	0.12	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	0.40	1.0	U
124-48-1	Dibromochloromethane	1	1.0	0.14	1.0	U
106-93-4	1,2-Dibromoethane	1	1.0	0.22	1.0	U
74-95-3	Dibromomethane	1	1.0	0.23	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	0.12	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	0.13	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	0.12	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	0.21	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	0.13	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	0.13	1.0	U
75-35-4	1,1-Dichloroethene	1	1.2	0.13	1.0	
156-59-2	cis-1,2-Dichloroethene	1	1.0	0.23	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	0.20	1.0	U
78-87-5	1,2-Dichloropropane	1	1.0	0.15	1.0	U
142-28-9	1,3-Dichloropropane	1	1.0	0.14	1.0	U
594-20-7	2,2-Dichloropropane	1	1.0	0.18	1.0	U

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-19D

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-13 File ID: 33213.D

Sampled: 12/17/10 12:25 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 13:09

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
563-58-6	1,1-Dichloropropene	1	1.0	0.25	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	0.25	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	0.23	1.0	U
100-41-4	Ethylbenzene	1	1.0	0.14	1.0	U
87-68-3	Hexachlorobutadiene	1	1.0	0.28	1.0	U
98-82-8	Isopropylbenzene	1	1.0	0.15	1.0	U
99-87-6	4-Isopropyltoluene	1	1.0	0.29	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	0.28	1.0	U
75-09-2	Methylene Chloride	1	1.0	0.26	1.0	U
78-93-3	2-Butanone (MEK)	1	5.0	0.55	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	0.28	5.0	U
91-20-3	Naphthalene	1	5.0	0.37	5.0	U
103-65-1	n-Propylbenzene	1	1.0	0.15	1.0	U
100-42-5	Styrene	1	1.0	0.11	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1	1.0	0.16	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	0.070	1.0	U
127-18-4	Tetrachloroethene	1	1.0	0.16	1.0	U
108-88-3	Toluene	1	1.0	0.16	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1	1.0	0.18	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	0.16	1.0	U
71-55-6	1,1,1-Trichloroethane	1	1.0	0.19	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	0.18	1.0	U
79-01-6	Trichloroethene	1	1.0	0.092	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	0.20	1.0	U
96-18-4	1,2,3-Trichloropropane	1	1.0	0.28	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1	1.0	0.16	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1	1.0	0.18	1.0	U
75-01-4	Vinyl Chloride	1	1.0	0.10	1.0	U
136777-61-2	Xylene, Meta + Para	1	2.0	0.28	2.0	U
95-47-6	Xylene, Ortho	1	1.0	0.14	1.0	U

System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
Dibromofluoromethane	40.0	39.6	99	88 - 116	

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-19D

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-13 File ID: 33213.D

Sampled: 12/17/10 12:25 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 13:09

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

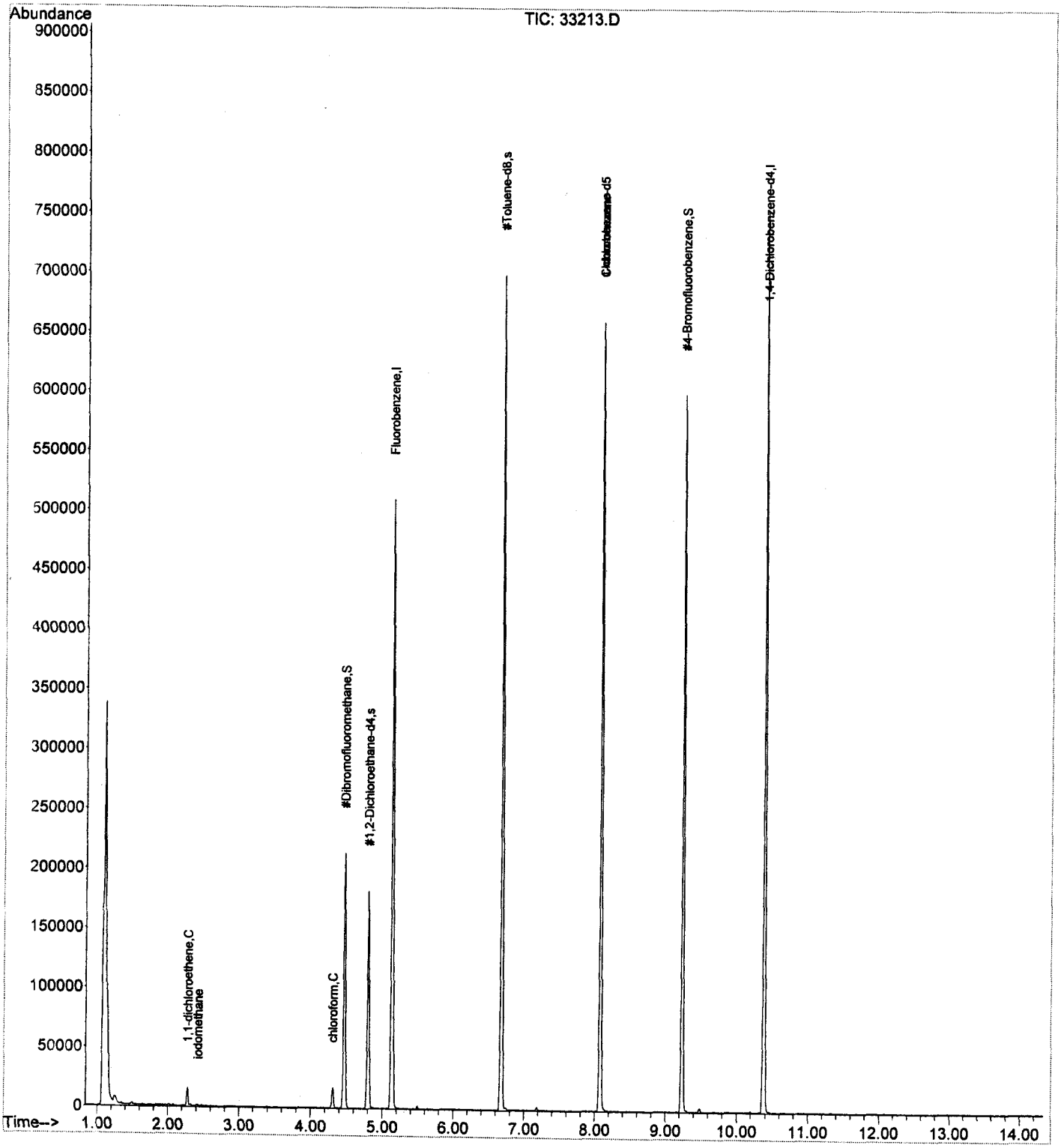
System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
1,2-Dichloroethane-d4	40.0	42.5	106	87 - 123	
Toluene-d8	40.0	38.3	96	91 - 107	
4-Bromofluorobenzene	40.0	40.1	100	84 - 106	

Internal Standard	Area	RT	Ref. Area	Ref. RT	Q
Fluorobenzene	434956	5.13	495489	5.13	
Chlorobenzene-d5	372894	8.08	453134	8.08	
1,4-Dichlorobenzene-d4	222659	10.38	273742	10.38	

* Values outside of QC limits

Data Path : C:\MSDCHEM\1\DATA\12-28-10\
InstName : 224
Data File : 33213.D
Acq On : 28 Dec 2010 13:09
Operator : DLV
Sample : 1012332-13
Misc : MWH
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 28 13:24:04 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration



Data Path : C:\MSDCHEM\1\DATA\12-28-10\
InstName : 224
Data File : 33213.D
Acq On : 28 Dec 2010 13:09
Operator : DLV
Sample : 1012332-13
Misc : MWH
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 28 13:24:04 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

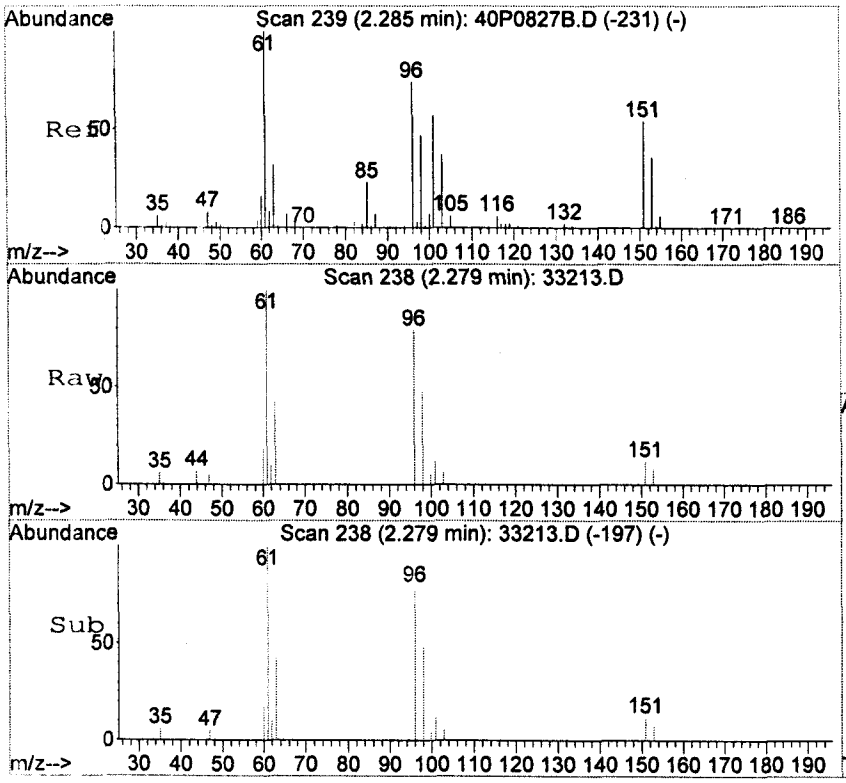
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	434956	40.00 ug/L	0.00 87.78%
50) Chlorobenzene-d5	8.08	117	372894	40.00 ug/L	0.00 82.29%
65) 1,4-Dichlorobenzene-d4	10.38	152	222659	40.00 ug/L	0.00 81.34%
System Monitoring Compounds					
30) #Dibromofluoromethane	4.47	111	113887	39.62 ug/L	0.00
Spiked Amount 40.000			Recovery =	99.05%	
37) #1,2-Dichloroethane-d4	4.80	65	120753	42.50 ug/L	0.00
Spiked Amount 40.000			Recovery =	106.25%	
46) #Toluene-d8	6.67	98	435530	38.31 ug/L	0.00
Spiked Amount 40.000			Recovery =	95.78%	
64) #4-Bromofluorobenzene	9.23	95	179212	40.08 ug/L	0.00
Spiked Amount 40.000			Recovery =	100.20%	
Target Compounds					Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.	
3) chloromethane	0.00	50	0	N.D.	
4) vinyl chloride	0.00	62	0	N.D.	
5) dichlorofluoromethane	0.00	67	0	N.D.	
6) bromomethane	0.00	94	0	N.D.	
7) chloroethane	0.00	64	0	N.D.	
8) trichlorofluoromethane	0.00	101	0	N.D.	
9) acrolein	0.00	56	0	N.D.	
10) ethyl ether	0.00	74	0	N.D.	
11) acrylonitrile	0.00	53	0	N.D.	
12) 1,1,2-trichloro-1,2,2-tr	0.00	101	0	N.D.	
13) 1,1-dichloroethene	2.28	96	4981	1.24 ug/L	94
14) iodomethane	2.42	142	1508	4.60 ug/L #	44
15) acetone	0.00	43	0	N.D.	
16) methyl acetate	0.00	43	0	N.D.	
17) carbon disulfide	0.00	76	0	N.D.	
18) methylene chloride	0.00	49	0	N.D.	
19) trans-1,2-dichloroethene	0.00	96	0	N.D.	
20) methyl (tert) butyl ethe	0.00	73	0	N.D.	
21) 1,1-dichloroethane	0.00	63	0	N.D.	
22) vinyl acetate	0.00	43	0	N.D.	
23) 2,2-dichloropropane	0.00	77	0	N.D.	
24) cis-1,2-dichloroethene	0.00	96	0	N.D.	
25) 2-butanone (MEK)	0.00	43	0	N.D.	
26) bromochloromethane	0.00	49	0	N.D.	
27) chloroform	4.31	83	13031	1.61 ug/L	97
28) tetrahydrofuran	0.00	71	0	N.D.	
29) 1,1,1-trichloroethane	0.00	97	0	N.D.	
31) carbon tetrachloride	0.00	117	0	N.D.	
32) 1,1-dichloropropene	0.00	75	0	N.D.	
33) cyclohexane	0.00	56	0	N.D.	
34) benzene	0.00	78	0	N.D.	
35) 1,2-dichloroethane	0.00	62	0	N.D.	
36) heptane	5.13	57	11650	No Calib #	

Data Path : C:\MSDCHEM\1\DATA\12-28-10\
InstName : 224
Data File : 33213.D
Acq On : 28 Dec 2010 13:09
Operator : DLV
Sample : 1012332-13
Misc : MWH
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 28 13:24:04 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
38) trichloroethene	0.00	130	0	N.D.	
39) 1,2-dichloropropane	0.00	63	0	N.D.	
40) dibromomethane	0.00	93	0	N.D.	
41) bromodichloromethane	0.00	83	0	N.D.	
42) methylcyclohexane	0.00	83	0	N.D.	
43) 2-chloroethyl vinyl ethe	0.00	63	0	N.D.	
44) cis-1,3-dichloropropene	0.00	75	0	N.D.	
45) 4-methyl-2-pentanone (MI	0.00	43	0	N.D.	
47) toluene	0.00	91	0	N.D.	
48) trans-1,3-dichloropropen	0.00	75	0	N.D.	
49) 1,1,2-trichloroethane	0.00	83	0	N.D.	
51) tetrachloroethene	0.00	166	0	N.D.	
52) 1,3-dichloropropane	0.00	76	0	N.D.	
53) 2-hexanone (MBK)	0.00	43	0	N.D.	
54) dibromochloromethane	0.00	129	0	N.D.	
55) 1,2-dibromoethane	0.00	109	0	N.D.	
56) chlorobenzene	0.00	112	0	N.D.	
57) 1,1,1,2-tetrachloroethan	0.00	131	0	N.D.	
58) 1-chlorohexane	8.07	55	2785	0.09 ug/L #	1
59) ethylbenzene	0.00	91	0	N.D.	
60) m+p-xylene	0.00	106	0	N.D.	
61) o-xylene	0.00	106	0	N.D.	
62) styrene	0.00	104	0	N.D.	
63) bromoform	0.00	173	0	N.D.	
66) isopropylbenzene	0.00	105	0	N.D.	
67) bromobenzene	0.00	77	0	N.D.	
68) 1,1,2,2-tetrachloroethan	0.00	83	0	N.D.	
69) 1,4-dichloro-2-butene	0.00	53	0	N.D.	
70) 1,2,3-trichloropropane	0.00	75	0	N.D.	
71) n-propylbenzene	0.00	120	0	N.D.	
72) 2-chlorotoluene	0.00	126	0	N.D.	
73) 1,3,5-trimethylbenzene	0.00	105	0	N.D.	
74) 4-chlorotoluene	0.00	126	0	N.D.	
75) tert-butylbenzene	0.00	119	0	N.D.	
76) 1,2,4-trimethylbenzene	0.00	105	0	N.D.	
77) sec-butylbenzene	0.00	105	0	N.D.	
78) 4-isopropyltoluene	0.00	119	0	N.D.	
79) 1,3-dichlorobenzene	0.00	146	0	N.D.	
80) 1,4-dichlorobenzene	0.00	146	0	N.D.	
81) 1,2-dichlorobenzene	0.00	146	0	N.D.	
82) n-butylbenzene	0.00	91	0	N.D.	
83) 1,2-dibromo-3-chloroprop	0.00	157	0	N.D.	
84) hexachloroethane	0.00	201	0	N.D.	
85) 1,2,4-trichlorobenzene	0.00	180	0	N.D.	
86) hexachlorobutadiene	0.00	225	0	N.D.	
87) naphthalene	0.00	128	0	N.D.	
88) 1,2,3-trichlorobenzene	0.00	180	0	N.D.	
89) 2-methylnaphthalene	0.00	142	0	N.D.	

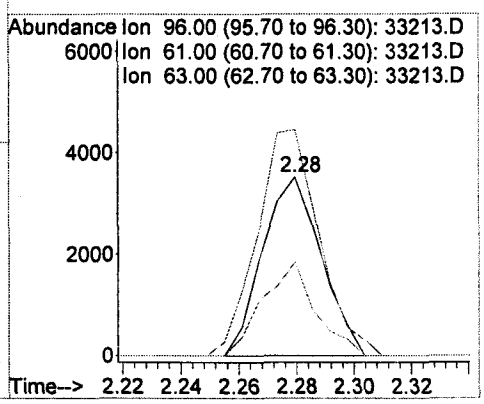
(#) = qualifier out of range (m) = manual integration (+) = signals summed

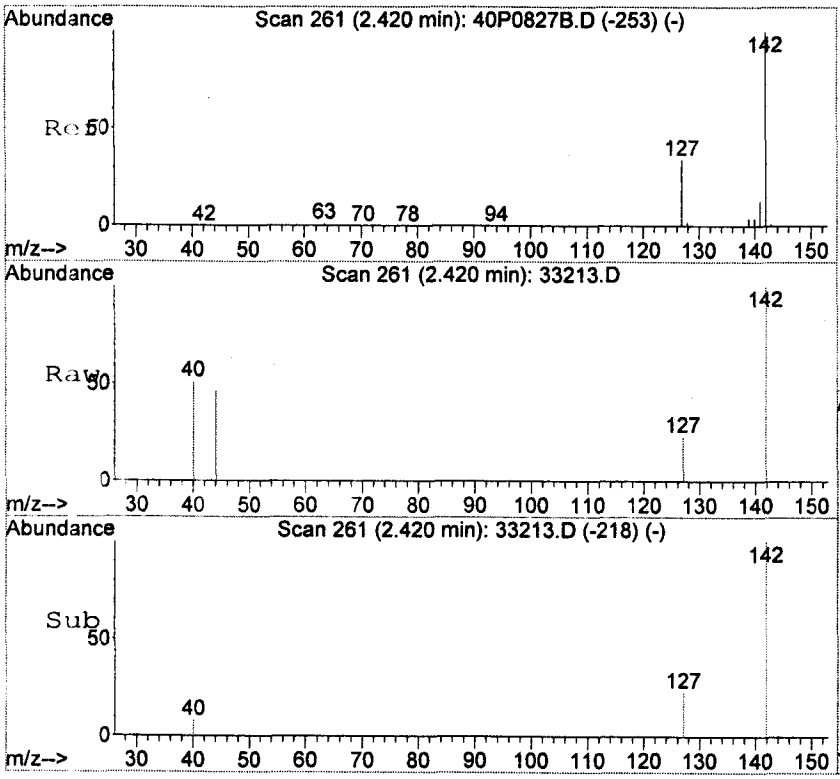


#13
1,1-dichloroethene
Concen: 1.24 ug/L
RT: 2.28 min Scan# 238
Delta R.T. 0.00 min
Lab File: 33213.D
Acq: 28 Dec 2010 13:09

Tgt Ion: 96 Resp: 4981

Ion	Ratio	Lower	Upper
96	100		
61	133.7	122.3	162.3
63	47.2	25.8	65.8

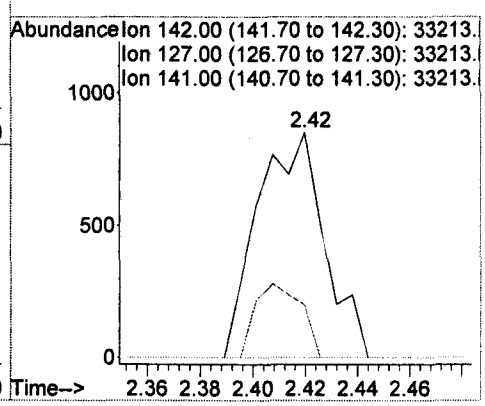


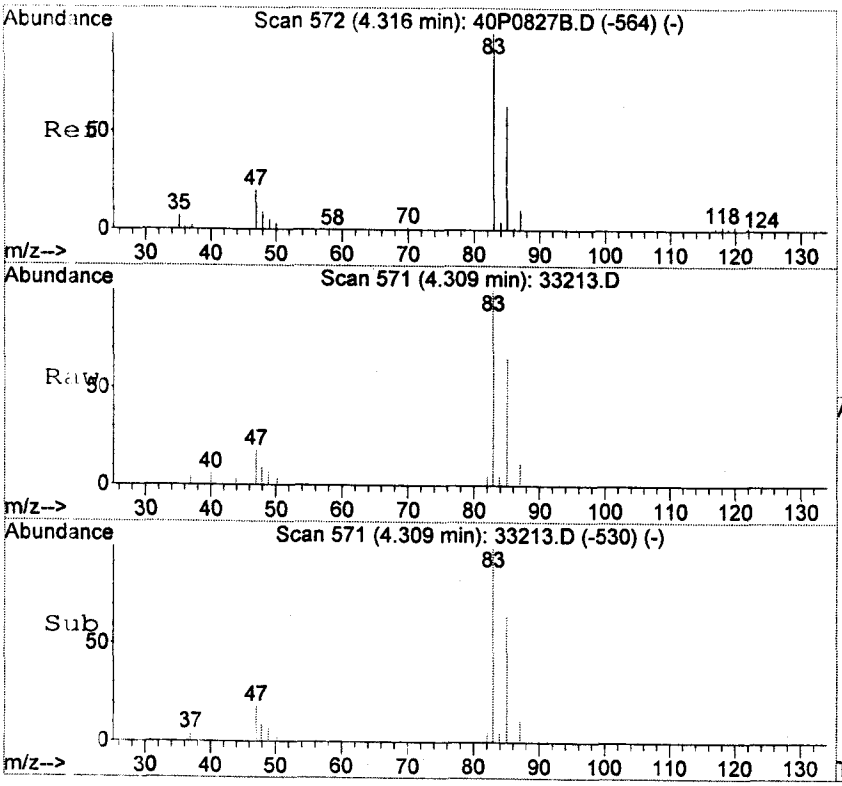


#14
iodomethane
Concen: 4.60 ug/L
RT: 2.42 min Scan# 261
Delta R.T. 0.01 min
Lab File: 33213.D
Acq: 28 Dec 2010 13:09

Tgt Ion:142 Resp: 1508

Ion	Ratio	Lower	Upper
142	100		
127	0.0	19.5	59.5#
141	0.0	0.0	33.8

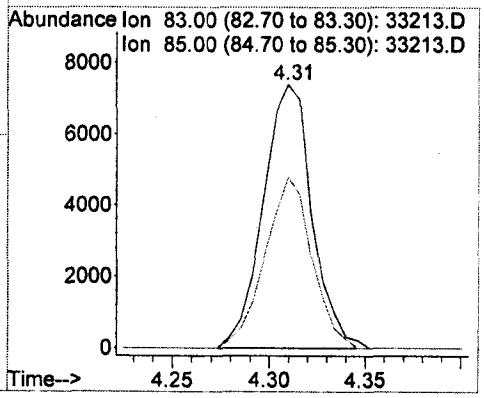




#27
chloroform
Concen: 1.61 ug/L
RT: 4.31 min Scan# 571
Delta R.T. 0.00 min
Lab File: 33213.D
Acq: 28 Dec 2010 13:09

Tgt Ion: 83 Resp: 13031

Ion	Ratio	Lower	Upper
83	100		
85	62.3	44.9	84.9



ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-19S

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-14 File ID: 33214.D

Sampled: 12/17/10 13:10 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 13:46

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
67-64-1	Acetone	1	5.0	2.1	5.0	U
71-43-2	Benzene	1	1.0	0.18	1.0	U
108-86-1	Bromobenzene	1	1.0	0.19	1.0	U
74-97-5	Bromochloromethane	1	1.0	0.18	1.0	U
75-27-4	Bromodichloromethane	1	1.0	0.13	1.0	U
75-25-2	Bromoform	1	1.0	0.15	1.0	U
74-83-9	Bromomethane	1	1.0	0.18	1.0	U
104-51-8	n-Butylbenzene	1	1.0	0.18	1.0	U
135-98-8	sec-Butylbenzene	1	1.0	0.18	1.0	U
98-06-6	tert-Butylbenzene	1	1.0	0.15	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	0.13	1.0	U
108-90-7	Chlorobenzene	1	1.0	0.19	1.0	U
75-00-3	Chloroethane	1	1.0	0.15	1.0	U
67-66-3	Chloroform	1	1.0	0.17	1.0	U
74-87-3	Chloromethane	1	1.0	0.16	1.0	U
95-49-8	2-Chlorotoluene	1	1.0	0.16	1.0	U
106-43-4	4-Chlorotoluene	1	1.0	0.12	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	0.40	1.0	U
124-48-1	Dibromochloromethane	1	1.0	0.14	1.0	U
106-93-4	1,2-Dibromoethane	1	1.0	0.22	1.0	U
74-95-3	Dibromomethane	1	1.0	0.23	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	0.12	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	0.13	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	0.12	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	0.21	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	0.13	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	0.13	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	0.13	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	0.23	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	0.20	1.0	U
78-87-5	1,2-Dichloropropane	1	1.0	0.15	1.0	U
142-28-9	1,3-Dichloropropane	1	1.0	0.14	1.0	U
594-20-7	2,2-Dichloropropane	1	1.0	0.18	1.0	U

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-19S

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-14 File ID: 33214.D

Sampled: 12/17/10 13:10 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 13:46

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
563-58-6	1,1-Dichloropropene	1	1.0	0.25	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	0.25	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	0.23	1.0	U
100-41-4	Ethylbenzene	1	1.0	0.14	1.0	U
87-68-3	Hexachlorobutadiene	1	1.0	0.28	1.0	U
98-82-8	Isopropylbenzene	1	1.0	0.15	1.0	U
99-87-6	4-Isopropyltoluene	1	1.0	0.29	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	0.28	1.0	U
75-09-2	Methylene Chloride	1	1.0	0.26	1.0	U
78-93-3	2-Butanone (MEK)	1	5.0	0.55	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	0.28	5.0	U
91-20-3	Naphthalene	1	5.0	0.37	5.0	U
103-65-1	n-Propylbenzene	1	1.0	0.15	1.0	U
100-42-5	Styrene	1	1.0	0.11	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1	1.0	0.16	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	0.070	1.0	U
127-18-4	Tetrachloroethene	1	1.0	0.16	1.0	U
108-88-3	Toluene	1	1.0	0.16	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1	1.0	0.18	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	0.16	1.0	U
71-55-6	1,1,1-Trichloroethane	1	1.0	0.19	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	0.18	1.0	U
79-01-6	Trichloroethene	1	1.0	0.092	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	0.20	1.0	U
96-18-4	1,2,3-Trichloropropane	1	1.0	0.28	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1	1.0	0.16	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1	1.0	0.18	1.0	U
75-01-4	Vinyl Chloride	1	1.0	0.10	1.0	U
136777-61-2	Xylene, Meta + Para	1	2.0	0.28	2.0	U
95-47-6	Xylene, Ortho	1	1.0	0.14	1.0	U

System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
Dibromofluoromethane	40.0	40.1	100	88 - 116	

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-19S

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-14 File ID: 33214.D

Sampled: 12/17/10 13:10 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 13:46

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

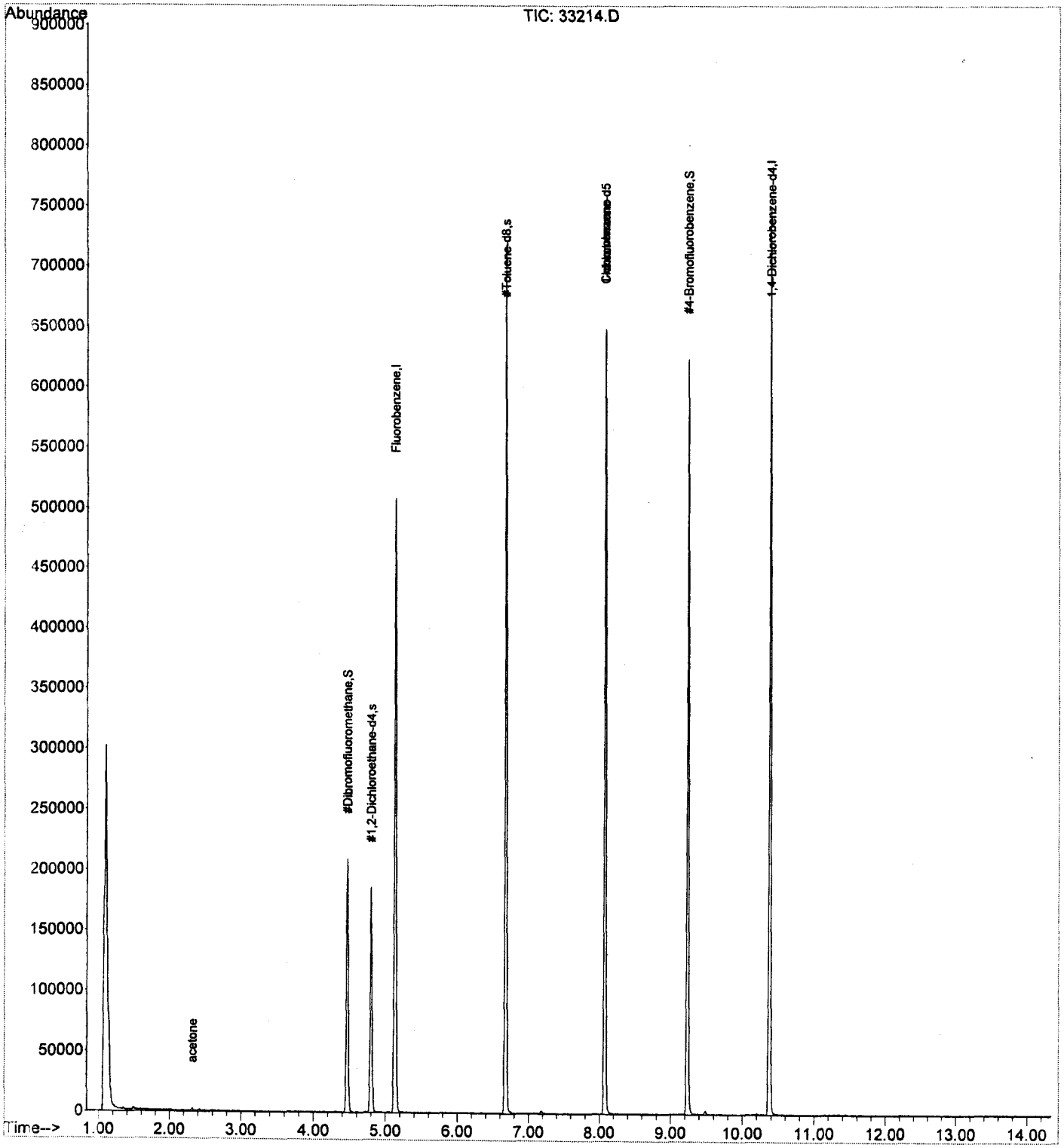
System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
1,2-Dichloroethane-d4	40.0	42.2	106	87 - 123	
Toluene-d8	40.0	38.6	96	91 - 107	
4-Bromofluorobenzene	40.0	39.8	100	84 - 106	

Internal Standard	Area	RT	Ref. Area	Ref. RT	Q
Fluorobenzene	435259	5.13	495489	5.13	
Chlorobenzene-d5	372084	8.08	453134	8.08	
1,4-Dichlorobenzene-d4	218608	10.38	273742	10.38	

* Values outside of QC limits

Data Path : C:\MSDCHEM\1\DATA\12-28-10\
InstName : 224
Data File : 33214.D
Acq On : 28 Dec 2010 13:46
Operator : DLV
Sample : 1012332-14
Misc : MWH
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 28 14:00:40 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration



Quantitation Report (Not Edited)

Data Path : C:\MSDCHEM\1\DATA\12-28-10\
InstName : 224
Data File : 33214.D
Acq On : 28 Dec 2010 13:46
Operator : DLV
Sample : 1012332-14
Misc : MWH
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 28 14:00:40 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	435259	40.00	ug/L	0.00 87.84%
50) Chlorobenzene-d5	8.08	117	372084	40.00	ug/L	0.00 82.11%
65) 1,4-Dichlorobenzene-d4	10.38	152	218608	40.00	ug/L	0.00 79.86%
System Monitoring Compounds						
30) #Dibromofluoromethane	4.47	111	115374	40.11	ug/L	0.00
Spiked Amount 40.000			Recovery =	100.28%		
37) #1,2-Dichloroethane-d4	4.80	65	119980	42.20	ug/L	0.00
Spiked Amount 40.000			Recovery =	105.50%		
46) #Toluene-d8	6.67	98	438845	38.58	ug/L	0.00
Spiked Amount 40.000			Recovery =	96.45%		
64) #4-Bromofluorobenzene	9.23	95	177716	39.83	ug/L	0.00
Spiked Amount 40.000			Recovery =	99.57%		
Target Compounds						Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.		
3) chloromethane	0.00	50	0	N.D.		
4) vinyl chloride	0.00	62	0	N.D.		
5) dichlorofluoromethane	0.00	67	0	N.D.		
6) bromomethane	0.00	94	0	N.D.		
7) chloroethane	0.00	64	0	N.D.		
8) trichlorofluoromethane	0.00	101	0	N.D.		
9) acrolein	0.00	56	0	N.D.		
10) ethyl ether	0.00	74	0	N.D.		
11) acrylonitrile	0.00	53	0	N.D.		
12) 1,1,2-trichloro-1,2,2-tr	0.00	101	0	N.D.		
13) 1,1-dichloroethene	0.00	96	0	N.D.		
14) iodomethane	0.00	142	0	N.D.		
15) acetone	2.32	43	2432	0.98	ug/L #	42
16) methyl acetate	0.00	43	0	N.D.		
17) carbon disulfide	0.00	76	0	N.D.		
18) methylene chloride	0.00	49	0	N.D.		
19) trans-1,2-dichloroethene	0.00	96	0	N.D.		
20) methyl (tert) butyl ethe	0.00	73	0	N.D.		
21) 1,1-dichloroethane	0.00	63	0	N.D.		
22) vinyl acetate	0.00	43	0	N.D.		
23) 2,2-dichloropropane	0.00	77	0	N.D.		
24) cis-1,2-dichloroethene	0.00	96	0	N.D.		
25) 2-butanone (MEK)	0.00	43	0	N.D.		
26) bromochloromethane	0.00	49	0	N.D.		
27) chloroform	0.00	83	0	N.D.		
28) tetrahydrofuran	0.00	71	0	N.D.		
29) 1,1,1-trichloroethane	0.00	97	0	N.D.		
31) carbon tetrachloride	0.00	117	0	N.D.		
32) 1,1-dichloropropene	0.00	75	0	N.D.		
33) cyclohexane	0.00	56	0	N.D.		
34) benzene	0.00	78	0	N.D.		
35) 1,2-dichloroethane	0.00	62	0	N.D.		
36) heptane	5.13	57	13046	No Calib	#	

Data Path : C:\MSDCHEM\1\DATA\12-28-10\
InstName : 224
Data File : 33214.D
Acq On : 28 Dec 2010 13:46
Operator : DLV
Sample : 1012332-14
Misc : MWH
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 28 14:00:40 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
38) trichloroethene	0.00	130	0	N.D.		
39) 1,2-dichloropropane	0.00	63	0	N.D.		
40) dibromomethane	0.00	93	0	N.D.		
41) bromodichloromethane	0.00	83	0	N.D.		
42) methylcyclohexane	0.00	83	0	N.D.		
43) 2-chloroethyl vinyl ethe	0.00	63	0	N.D.		
44) cis-1,3-dichloropropene	0.00	75	0	N.D.		
45) 4-methyl-2-pentanone (MI	0.00	43	0	N.D.		
47) toluene	0.00	91	0	N.D.		
48) trans-1,3-dichloropropen	0.00	75	0	N.D.		
49) 1,1,2-trichloroethane	0.00	83	0	N.D.		
51) tetrachloroethene	0.00	166	0	N.D.		
52) 1,3-dichloropropane	0.00	76	0	N.D.		
53) 2-hexanone (MBK)	0.00	43	0	N.D.		
54) dibromochloromethane	0.00	129	0	N.D.		
55) 1,2-dibromoethane	0.00	109	0	N.D.		
56) chlorobenzene	0.00	112	0	N.D.		
57) 1,1,1,2-tetrachloroethan	0.00	131	0	N.D.		
58) 1-chlorohexane	8.07	55	2822	0.10	ug/L #	1
59) ethylbenzene	0.00	91	0	N.D.		
60) m+p-xylene	0.00	106	0	N.D.		
61) o-xylene	0.00	106	0	N.D.		
62) styrene	0.00	104	0	N.D.		
63) bromoform	0.00	173	0	N.D.		
66) isopropylbenzene	0.00	105	0	N.D.		
67) bromobenzene	0.00	77	0	N.D.		
68) 1,1,2,2-tetrachloroethan	0.00	83	0	N.D.		
69) 1,4-dichloro-2-butene	0.00	53	0	N.D.		
70) 1,2,3-trichloropropane	0.00	75	0	N.D.		
71) n-propylbenzene	0.00	120	0	N.D.		
72) 2-chlorotoluene	0.00	126	0	N.D.		
73) 1,3,5-trimethylbenzene	0.00	105	0	N.D.		
74) 4-chlorotoluene	0.00	126	0	N.D.		
75) tert-butylbenzene	0.00	119	0	N.D.		
76) 1,2,4-trimethylbenzene	0.00	105	0	N.D.		
77) sec-butylbenzene	0.00	105	0	N.D.		
78) 4-isopropyltoluene	0.00	119	0	N.D.		
79) 1,3-dichlorobenzene	0.00	146	0	N.D.		
80) 1,4-dichlorobenzene	0.00	146	0	N.D.		
81) 1,2-dichlorobenzene	0.00	146	0	N.D.		
82) n-butylbenzene	0.00	91	0	N.D.		
83) 1,2-dibromo-3-chloroprop	0.00	157	0	N.D.		
84) hexachloroethane	0.00	201	0	N.D.		
85) 1,2,4-trichlorobenzene	0.00	180	0	N.D.		
86) hexachlorobutadiene	0.00	225	0	N.D.		
87) naphthalene	0.00	128	0	N.D.		
88) 1,2,3-trichlorobenzene	0.00	180	0	N.D.		
89) 2-methylnaphthalene	0.00	142	0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-8D

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-15 File ID: 33215.D

Sampled: 12/17/10 15:05 Prepared: 12/28/10 20:00 Analyzed: 12/29/10 00:03

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21014 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
67-64-1	Acetone	1	2.3	2.1	5.0	J
71-43-2	Benzene	1	1.0	0.18	1.0	U
108-86-1	Bromobenzene	1	1.0	0.19	1.0	U
74-97-5	Bromochloromethane	1	1.0	0.18	1.0	U
75-27-4	Bromodichloromethane	1	1.0	0.13	1.0	U
75-25-2	Bromoform	1	1.0	0.15	1.0	U
74-83-9	Bromomethane	1	1.0	0.18	1.0	U
104-51-8	n-Butylbenzene	1	1.0	0.18	1.0	U
135-98-8	sec-Butylbenzene	1	1.0	0.18	1.0	U
98-06-6	tert-Butylbenzene	1	1.0	0.15	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	0.13	1.0	U
108-90-7	Chlorobenzene	1	1.0	0.19	1.0	U
75-00-3	Chloroethane	1	1.0	0.15	1.0	U
67-66-3	Chloroform	1	0.45	0.17	1.0	J
74-87-3	Chloromethane	1	1.0	0.16	1.0	U
95-49-8	2-Chlorotoluene	1	1.0	0.16	1.0	U
106-43-4	4-Chlorotoluene	1	1.0	0.12	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	0.40	1.0	U
124-48-1	Dibromochloromethane	1	1.0	0.14	1.0	U
106-93-4	1,2-Dibromoethane	1	1.0	0.22	1.0	U
74-95-3	Dibromomethane	1	1.0	0.23	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	0.12	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	0.13	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	0.12	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	0.21	1.0	U
75-34-3	1,1-Dichloroethane	1	17	0.13	1.0	
107-06-2	1,2-Dichloroethane	1	1.0	0.13	1.0	U
75-35-4	1,1-Dichloroethene	1	290	0.13	1.0	
156-59-2	cis-1,2-Dichloroethene	1	1.0	0.23	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	0.20	1.0	U
78-87-5	1,2-Dichloropropane	1	1.0	0.15	1.0	U
142-28-9	1,3-Dichloropropane	1	1.0	0.14	1.0	U
594-20-7	2,2-Dichloropropane	1	1.0	0.18	1.0	U

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-8D

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-15 File ID: 33215.D

Sampled: 12/17/10 15:05 Prepared: 12/28/10 20:00 Analyzed: 12/29/10 00:03

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21014 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
563-58-6	1,1-Dichloropropene	1	1.0	0.25	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	0.25	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	0.23	1.0	U
100-41-4	Ethylbenzene	1	1.0	0.14	1.0	U
87-68-3	Hexachlorobutadiene	1	1.0	0.28	1.0	U
98-82-8	Isopropylbenzene	1	1.0	0.15	1.0	U
99-87-6	4-Isopropyltoluene	1	1.0	0.29	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	0.28	1.0	U
75-09-2	Methylene Chloride	1	1.0	0.26	1.0	U
78-93-3	2-Butanone (MEK)	1	5.0	0.55	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	0.28	5.0	U
91-20-3	Naphthalene	1	5.0	0.37	5.0	U
103-65-1	n-Propylbenzene	1	1.0	0.15	1.0	U
100-42-5	Styrene	1	1.0	0.11	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1	1.0	0.16	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	0.070	1.0	U
127-18-4	Tetrachloroethene	1	1.0	0.16	1.0	U
108-88-3	Toluene	1	1.0	0.16	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1	1.0	0.18	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	0.16	1.0	U
71-55-6	1,1,1-Trichloroethane	1	24	0.19	1.0	
79-00-5	1,1,2-Trichloroethane	1	1.0	0.18	1.0	U
79-01-6	Trichloroethene	1	1.0	0.092	1.0	U
75-69-4	Trichlorofluoromethane	1	1.1	0.20	1.0	
96-18-4	1,2,3-Trichloropropane	1	1.0	0.28	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1	1.0	0.16	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1	1.0	0.18	1.0	U
75-01-4	Vinyl Chloride	1	1.0	0.10	1.0	U
136777-61-2	Xylene, Meta + Para	1	2.0	0.28	2.0	U
95-47-6	Xylene, Ortho	1	1.0	0.14	1.0	U

System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
Dibromofluoromethane	40.0	40.1	100	88 - 116	

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-8D

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-15 File ID: 33215.D

Sampled: 12/17/10 15:05 Prepared: 12/28/10 20:00 Analyzed: 12/29/10 00:03

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21014 Calibration: 0L28007 Instrument: 224

System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
1,2-Dichloroethane-d4	40.0	41.5	104	87 - 123	
Toluene-d8	40.0	37.8	95	91 - 107	
4-Bromofluorobenzene	40.0	40.0	100	84 - 106	

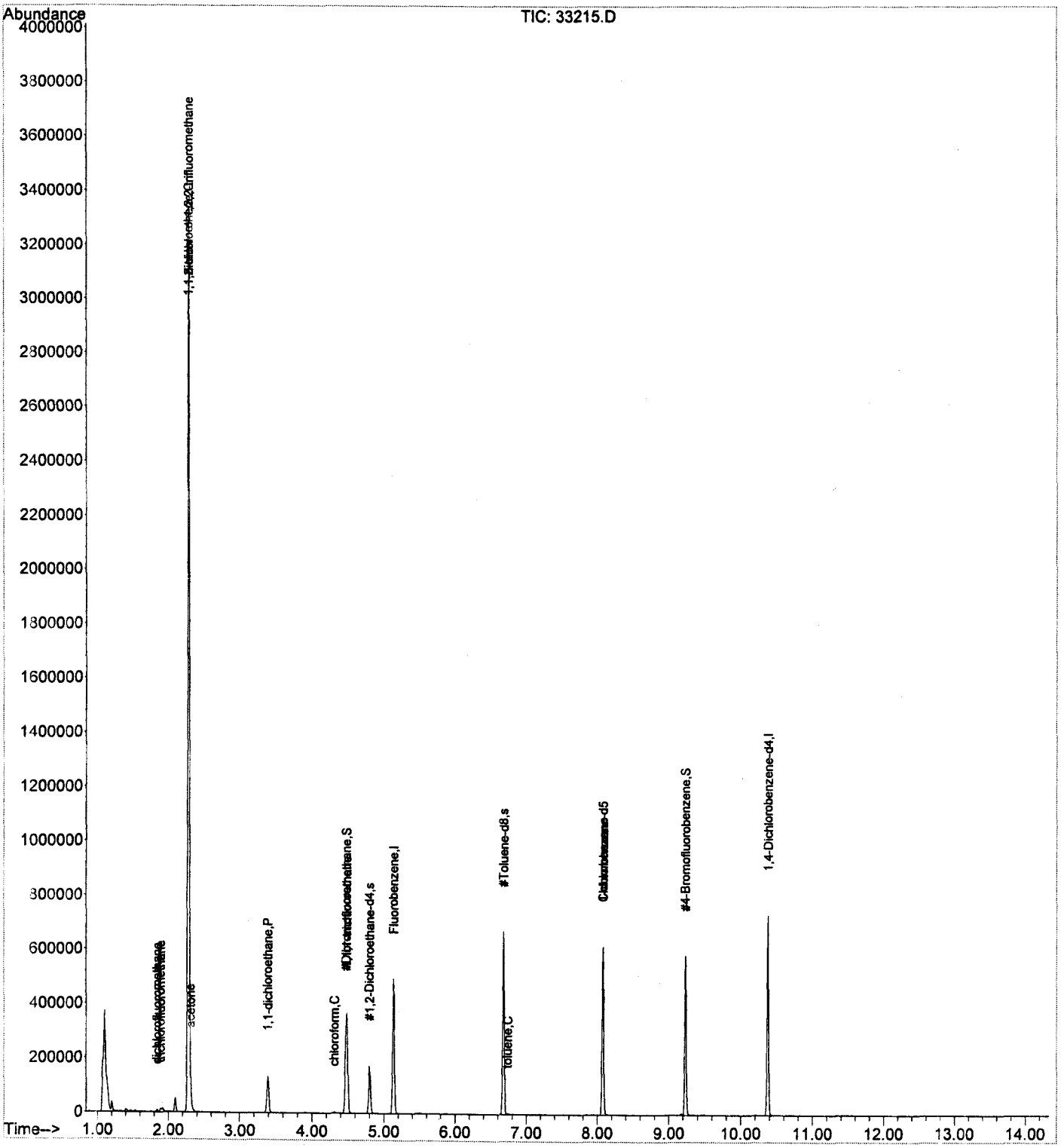
Internal Standard	Area	RT	Ref. Area	Ref. RT	Q
Fluorobenzene	420477	5.13	495489	5.13	
Chlorobenzene-d5	352688	8.08	453134	8.08	
1,4-Dichlorobenzene-d4	209320	10.38	273742	10.38	

* Values outside of QC limits

Quantitation Report (Not Edited)

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33215.D
Acq On : 29 Dec 2010 00:03
Operator : DLV
Sample : 1012332-15
Misc : MWH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 29 00:17:43 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration



00164

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33215.D
Acq On : 29 Dec 2010 00:03
Operator : DLV
Sample : 1012332-15
Misc : MWH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 29 00:17:43 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

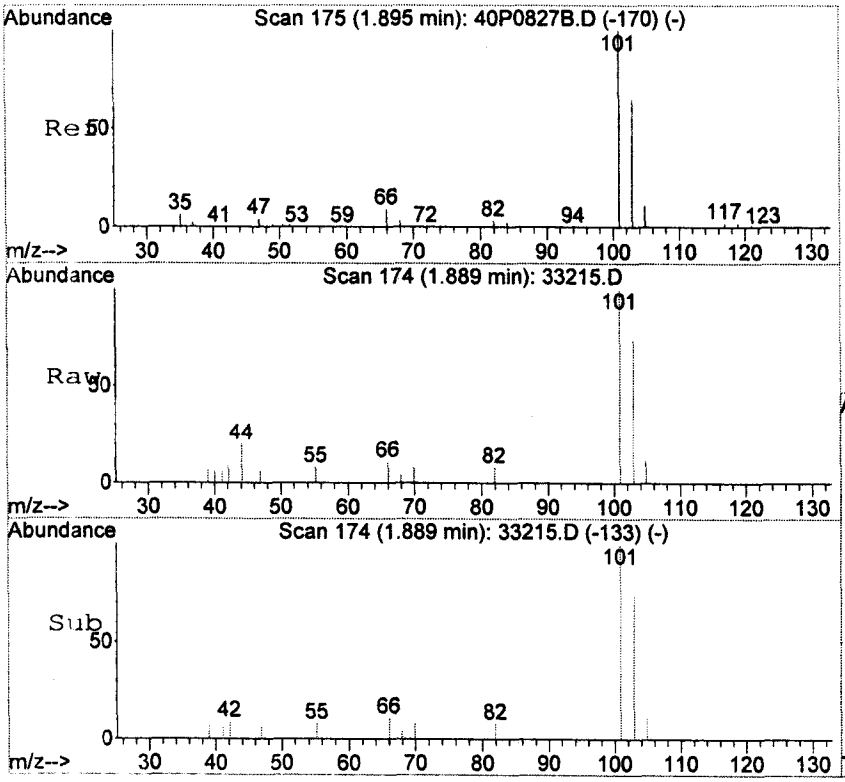
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	420477	40.00	ug/L	0.00 84.86%
50) Chlorobenzene-d5	8.08	117	352688	40.00	ug/L	0.00 77.83%
65) 1,4-Dichlorobenzene-d4	10.38	152	209320	40.00	ug/L	0.00 76.47%
System Monitoring Compounds						
30) #Dibromofluoromethane	4.47	111	111451	40.11	ug/L	0.00
Spiked Amount 40.000			Recovery =	100.28%		
37) #1,2-Dichloroethane-d4	4.80	65	114064	41.53	ug/L	0.00
Spiked Amount 40.000			Recovery =	103.83%		
46) #Toluene-d8	6.67	98	415909	37.85	ug/L	0.00
Spiked Amount 40.000			Recovery =	94.63%		
64) #4-Bromofluorobenzene	9.23	95	169222	40.02	ug/L	0.00
Spiked Amount 40.000			Recovery =	100.05%		
Target Compounds						Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.		
3) chloromethane	0.00	50	0	N.D.		
4) vinyl chloride	0.00	62	0	N.D.		
5) dichlorofluoromethane	1.84	67	6032	0.92	ug/L	92
6) bromomethane	0.00	94	0	N.D.		
7) chloroethane	0.00	64	0	N.D.		
8) trichlorofluoromethane	1.89	101	7838	1.11	ug/L #	95
9) acrolein	0.00	56	0	N.D.		
10) ethyl ether	0.00	74	0	N.D.		
11) acrylonitrile	0.00	53	0	N.D.		
12) 1,1,2-trichloro-1,2,2-trif	2.27	101	48352	14.93	ug/L	96
13) 1,1-dichloroethene	2.28	96	1123303	290.03	ug/L	94
14) iodomethane	0.00	142	0	N.D.		
15) acetone	2.32	43	3342	2.32	ug/L #	42
16) methyl acetate	0.00	43	0	N.D.		
17) carbon disulfide	0.00	76	0	N.D.		
18) methylene chloride	0.00	49	0	N.D.		
19) trans-1,2-dichloroethene	0.00	96	0	N.D.		
20) methyl (tert) butyl ethe	0.00	73	0	N.D.		
21) 1,1-dichloroethane	3.39	63	121083	17.33	ug/L	99
22) vinyl acetate	0.00	43	0	N.D.		
23) 2,2-dichloropropane	0.00	77	0	N.D.		
24) cis-1,2-dichloroethene	0.00	96	0	N.D.		
25) 2-butanone (MEK)	0.00	43	0	N.D.		
26) bromochloromethane	0.00	49	0	N.D.		
27) chloroform	4.31	83	3500	0.45	ug/L	95
28) tetrahydrofuran	0.00	71	0	N.D.		
29) 1,1,1-trichloroethane	4.49	97	168928	23.88	ug/L	98
31) carbon tetrachloride	0.00	117	0	N.D.		
32) 1,1-dichloropropene	0.00	75	0	N.D.		
33) cyclohexane	0.00	56	0	N.D.		
34) benzene	0.00	78	0	N.D.		
35) 1,2-dichloroethane	0.00	62	0	N.D.		
36) heptane	5.13	57	11454	No Calib	#	

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33215.D
Acq On : 29 Dec 2010 00:03
Operator : DLV
Sample : 1012332-15
Misc : MWH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 29 00:17:43 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
38) trichloroethene	0.00	130	0	N.D.	
39) 1,2-dichloropropane	0.00	63	0	N.D.	
40) dibromomethane	0.00	93	0	N.D.	
41) bromodichloromethane	0.00	83	0	N.D.	
42) methylcyclohexane	0.00	83	0	N.D.	
43) 2-chloroethyl vinyl ethe	0.00	63	0	N.D.	
44) cis-1,3-dichloropropene	0.00	75	0	N.D.	
45) 4-methyl-2-pentanone (MI	0.00	43	0	N.D.	
47) toluene	6.74	91	1637	0.08 ug/L #	20
48) trans-1,3-dichloropropen	0.00	75	0	N.D.	
49) 1,1,2-trichloroethane	0.00	83	0	N.D.	
51) tetrachloroethene	0.00	166	0	N.D.	
52) 1,3-dichloropropane	0.00	76	0	N.D.	
53) 2-hexanone (MBK)	0.00	43	0	N.D.	
54) dibromochloromethane	0.00	129	0	N.D.	
55) 1,2-dibromoethane	0.00	109	0	N.D.	
56) chlorobenzene	0.00	112	0	N.D.	
57) 1,1,1,2-tetrachloroethan	0.00	131	0	N.D.	
58) 1-chlorohexane	8.07	55	3034	0.22 ug/L #	1
59) ethylbenzene	0.00	91	0	N.D.	
60) m+p-xylene	0.00	106	0	N.D.	
61) o-xylene	0.00	106	0	N.D.	
62) styrene	0.00	104	0	N.D.	
63) bromoform	0.00	173	0	N.D.	
66) isopropylbenzene	0.00	105	0	N.D.	
67) bromobenzene	0.00	77	0	N.D.	
68) 1,1,2,2-tetrachloroethan	0.00	83	0	N.D.	
69) 1,4-dichloro-2-butene	0.00	53	0	N.D.	
70) 1,2,3-trichloropropane	0.00	75	0	N.D.	
71) n-propylbenzene	0.00	120	0	N.D.	
72) 2-chlorotoluene	0.00	126	0	N.D.	
73) 1,3,5-trimethylbenzene	0.00	105	0	N.D.	
74) 4-chlorotoluene	0.00	126	0	N.D.	
75) tert-butylbenzene	0.00	119	0	N.D.	
76) 1,2,4-trimethylbenzene	0.00	105	0	N.D.	
77) sec-butylbenzene	0.00	105	0	N.D.	
78) 4-isopropyltoluene	0.00	119	0	N.D.	
79) 1,3-dichlorobenzene	0.00	146	0	N.D.	
80) 1,4-dichlorobenzene	0.00	146	0	N.D.	
81) 1,2-dichlorobenzene	0.00	146	0	N.D.	
82) n-butylbenzene	0.00	91	0	N.D.	
83) 1,2-dibromo-3-chloroprop	0.00	157	0	N.D.	
84) hexachloroethane	0.00	201	0	N.D.	
85) 1,2,4-trichlorobenzene	0.00	180	0	N.D.	
86) hexachlorobutadiene	0.00	225	0	N.D.	
87) naphthalene	0.00	128	0	N.D.	
88) 1,2,3-trichlorobenzene	0.00	180	0	N.D.	
89) 2-methylnaphthalene	0.00	142	0	N.D.	

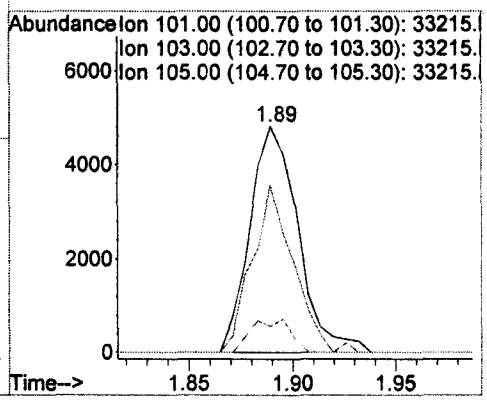
(#) = qualifier out of range (m) = manual integration (+) = signals summed

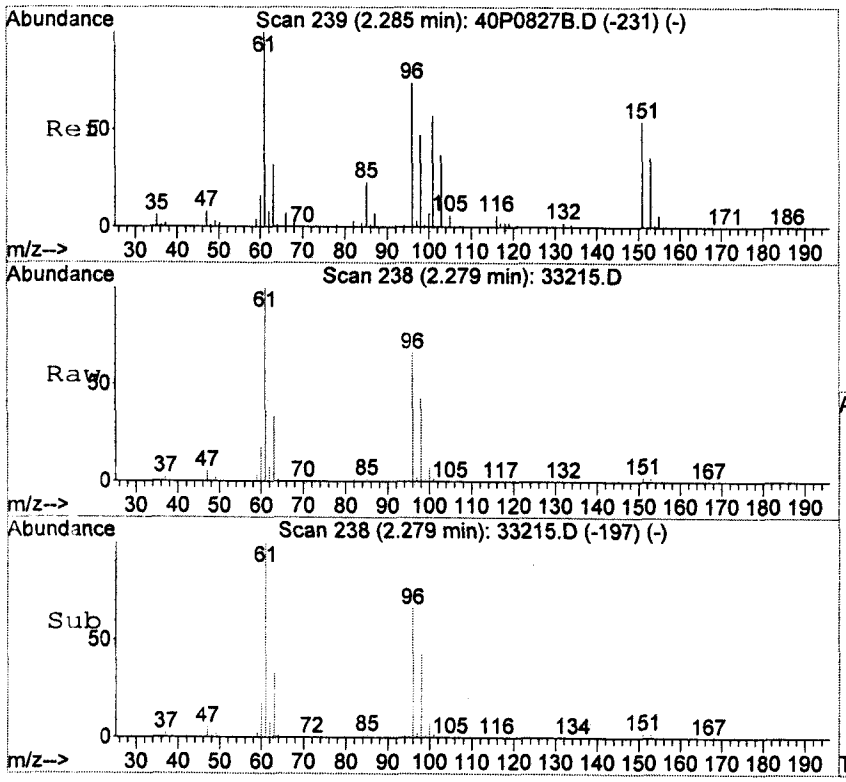


#8
trichlorofluoromethane
Concen: 1.11 ug/L
RT: 1.89 min Scan# 174
Delta R.T. 0.00 min
Lab File: 33215.D
Acq: 29 Dec 2010 00:03

Tgt Ion:101 Resp: 7838

Ion	Ratio	Lower	Upper
101	100		
103	63.8	45.2	85.2
105	0.0	0.0	30.5

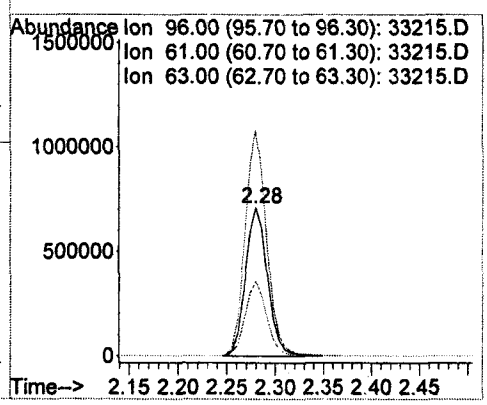


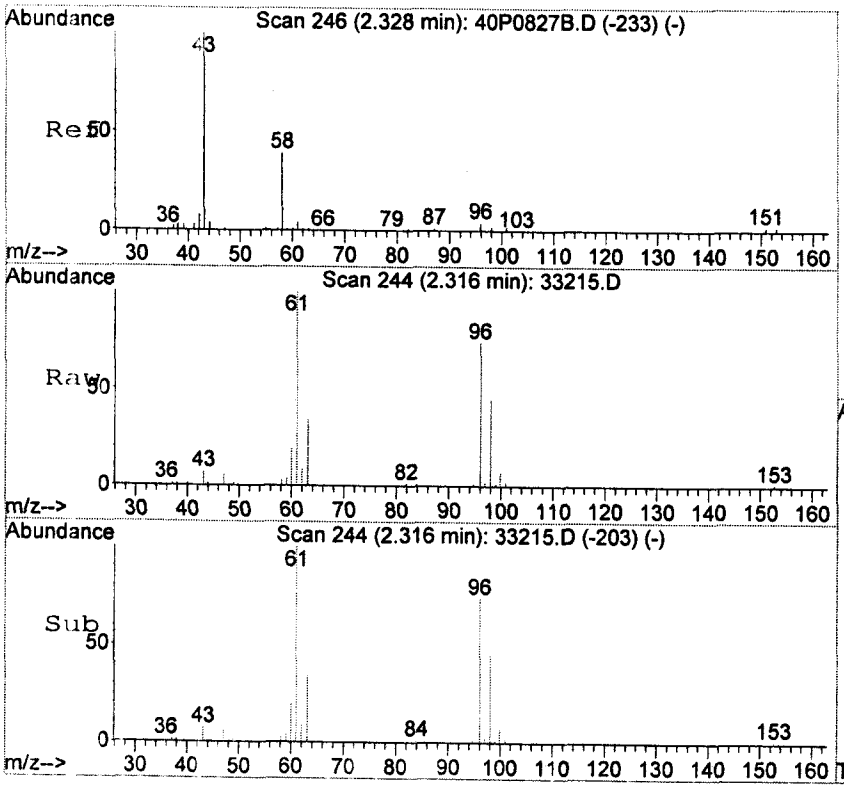


#13
1,1-dichloroethene
Concen: 290.03 ug/L
RT: 2.28 min Scan# 238
Delta R.T. 0.00 min
Lab File: 33215.D
Acq: 29 Dec 2010 00:03

Tgt Ion: 96 Resp: 1123303

Ion	Ratio	Lower	Upper
96	100		
61	149.4	122.3	162.3
63	49.2	25.8	65.8

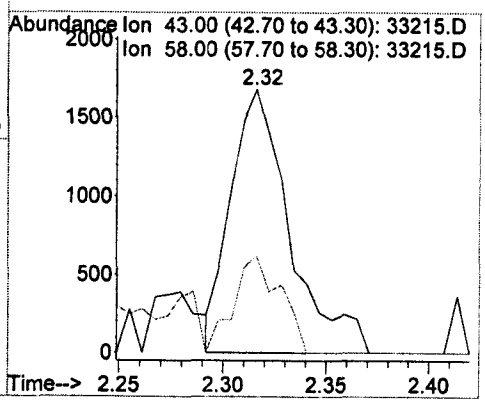


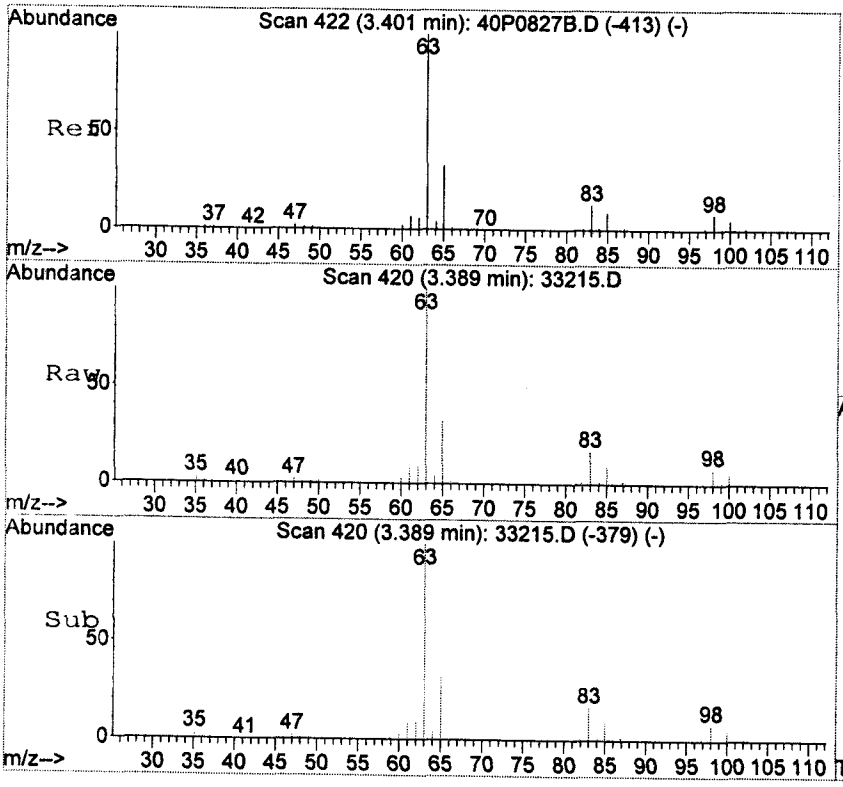


#15
acetone
Concen: 2.32 ug/L
RT: 2.32 min Scan# 244
Delta R.T. 0.00 min
Lab File: 33215.D
Acq: 29 Dec 2010 00:03

Tgt Ion: 43 Resp: 3342

Ion	Ratio	Lower	Upper
43	100		
58	0.0	12.3	52.3#

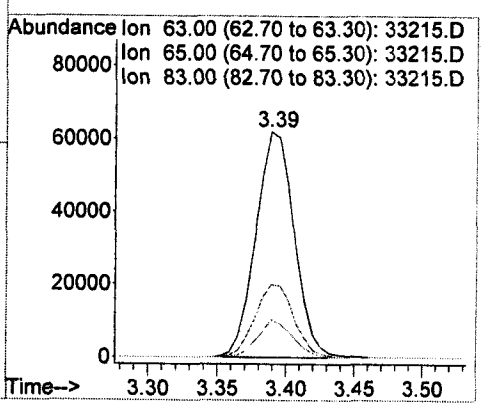


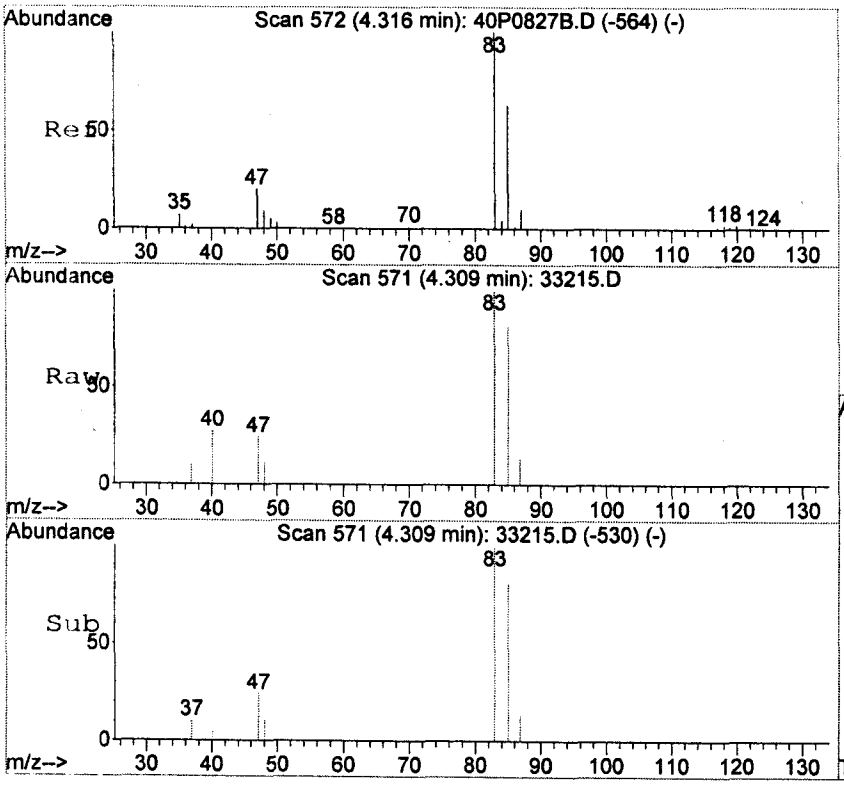


#21
1,1-dichloroethane
Concen: 17.33 ug/L
RT: 3.39 min Scan# 420
Delta R.T. 0.00 min
Lab File: 33215.D
Acq: 29 Dec 2010 00:03

Tgt Ion: 63 Resp: 121083

Ion	Ratio	Lower	Upper
63	100		
65	32.7	12.1	52.1
83	15.1	0.0	34.2

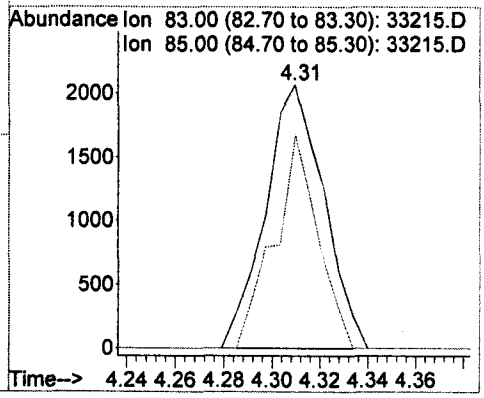


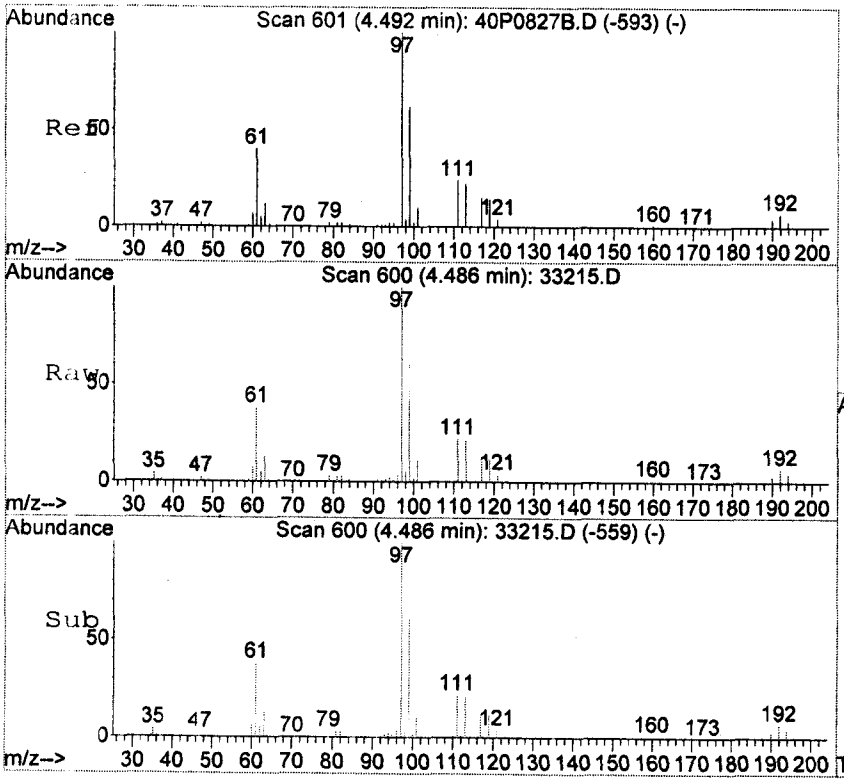


#27
chloroform
Concen: 0.45 ug/L
RT: 4.31 min Scan# 571
Delta R.T. 0.00 min
Lab File: 33215.D
Acq: 29 Dec 2010 00:03

Tgt Ion: 83 Resp: 3500

Ion	Ratio	Lower	Upper
83	100		
85	60.8	44.9	84.9

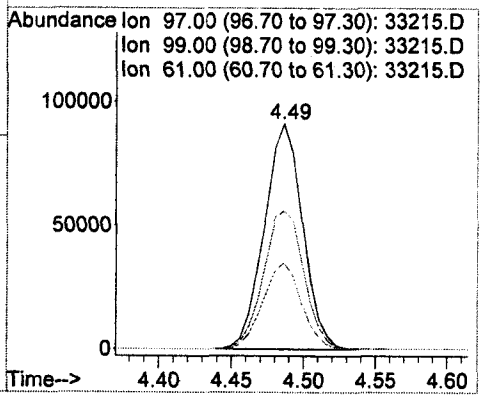




#29
1,1,1-trichloroethane
Concen: 23.88 ug/L
RT: 4.49 min Scan# 600
Delta R.T. 0.00 min
Lab File: 33215.D
Acq: 29 Dec 2010 00:03

Tgt Ion: 97 Resp: 168928

Ion	Ratio	Lower	Upper
97	100		
99	64.7	45.0	85.0
61	38.5	16.2	56.2



ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-8D

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-15RE1 File ID: 33215A.D

Sampled: 12/17/10 15:05 Prepared: 12/29/10 09:00 Analyzed: 12/29/10 13:29

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21015 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
67-64-1	Acetone	2	6.7	4.2	10	J
71-43-2	Benzene	2	2.0	0.35	2.0	U
108-86-1	Bromobenzene	2	2.0	0.39	2.0	U
74-97-5	Bromochloromethane	2	2.0	0.35	2.0	U
75-27-4	Bromodichloromethane	2	2.0	0.27	2.0	U
75-25-2	Bromoform	2	2.0	0.30	2.0	U
74-83-9	Bromomethane	2	2.0	0.35	2.0	U
104-51-8	n-Butylbenzene	2	2.0	0.36	2.0	U
135-98-8	sec-Butylbenzene	2	2.0	0.35	2.0	U
98-06-6	tert-Butylbenzene	2	2.0	0.31	2.0	U
56-23-5	Carbon Tetrachloride	2	2.0	0.26	2.0	U
108-90-7	Chlorobenzene	2	2.0	0.38	2.0	U
75-00-3	Chloroethane	2	2.0	0.30	2.0	U
67-66-3	Chloroform	2	0.58	0.34	2.0	J
74-87-3	Chloromethane	2	2.0	0.32	2.0	U
95-49-8	2-Chlorotoluene	2	2.0	0.33	2.0	U
106-43-4	4-Chlorotoluene	2	2.0	0.24	2.0	U
96-12-8	1,2-Dibromo-3-chloropropane	2	2.0	0.79	2.0	U
124-48-1	Dibromochloromethane	2	2.0	0.28	2.0	U
106-93-4	1,2-Dibromoethane	2	2.0	0.43	2.0	U
74-95-3	Dibromomethane	2	2.0	0.45	2.0	U
95-50-1	1,2-Dichlorobenzene	2	2.0	0.25	2.0	U
541-73-1	1,3-Dichlorobenzene	2	2.0	0.25	2.0	U
106-46-7	1,4-Dichlorobenzene	2	2.0	0.24	2.0	U
75-71-8	Dichlorodifluoromethane	2	2.0	0.42	2.0	U
75-34-3	1,1-Dichloroethane	2	17	0.26	2.0	
107-06-2	1,2-Dichloroethane	2	2.0	0.25	2.0	U
75-35-4	1,1-Dichloroethene	2	270	0.26	2.0	
156-59-2	cis-1,2-Dichloroethene	2	2.0	0.47	2.0	U
156-60-5	trans-1,2-Dichloroethene	2	2.0	0.40	2.0	U
78-87-5	1,2-Dichloropropane	2	2.0	0.29	2.0	U
142-28-9	1,3-Dichloropropane	2	2.0	0.28	2.0	U
594-20-7	2,2-Dichloropropane	2	2.0	0.35	2.0	U

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-8D

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-15RE1 File ID: 33215A.D

Sampled: 12/17/10 15:05 Prepared: 12/29/10 09:00 Analyzed: 12/29/10 13:29

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21015 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
563-58-6	1,1-Dichloropropene	2	2.0	0.49	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2	2.0	0.51	2.0	U
10061-02-6	trans-1,3-Dichloropropene	2	2.0	0.47	2.0	U
100-41-4	Ethylbenzene	2	2.0	0.29	2.0	U
87-68-3	Hexachlorobutadiene	2	2.0	0.56	2.0	U
98-82-8	Isopropylbenzene	2	2.0	0.30	2.0	U
99-87-6	4-Isopropyltoluene	2	2.0	0.58	2.0	U
1634-04-4	Methyl tert-Butyl Ether	2	2.0	0.56	2.0	U
75-09-2	Methylene Chloride	2	2.0	0.53	2.0	U
78-93-3	2-Butanone (MEK)	2	10	1.1	10	U
108-10-1	4-Methyl-2-pentanone (MIBK)	2	10	0.55	10	U
91-20-3	Naphthalene	2	10	0.74	10	U
103-65-1	n-Propylbenzene	2	2.0	0.30	2.0	U
100-42-5	Styrene	2	2.0	0.23	2.0	U
630-20-6	1,1,1,2-Tetrachloroethane	2	2.0	0.31	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2	2.0	0.14	2.0	U
127-18-4	Tetrachloroethene	2	2.0	0.31	2.0	U
108-88-3	Toluene	2	2.0	0.32	2.0	U
87-61-6	1,2,3-Trichlorobenzene	2	2.0	0.36	2.0	U
120-82-1	1,2,4-Trichlorobenzene	2	2.0	0.33	2.0	U
71-55-6	1,1,1-Trichloroethane	2	22	0.39	2.0	
79-00-5	1,1,2-Trichloroethane	2	2.0	0.37	2.0	U
79-01-6	Trichloroethene	2	2.0	0.18	2.0	U
75-69-4	Trichlorofluoromethane	2	1.1	0.39	2.0	J
96-18-4	1,2,3-Trichloropropane	2	2.0	0.55	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2	2.0	0.33	2.0	U
108-67-8	1,3,5-Trimethylbenzene	2	2.0	0.36	2.0	U
75-01-4	Vinyl Chloride	2	2.0	0.20	2.0	U
136777-61-2	Xylene, Meta + Para	2	4.0	0.56	4.0	U
95-47-6	Xylene, Ortho	2	2.0	0.28	2.0	U

System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
Dibromofluoromethane	40.0	39.4	99	88 - 116	

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-8D

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-15RE1 File ID: 33215A.D

Sampled: 12/17/10 15:05 Prepared: 12/29/10 09:00 Analyzed: 12/29/10 13:29

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21015 Calibration: 0L28007 Instrument: 224

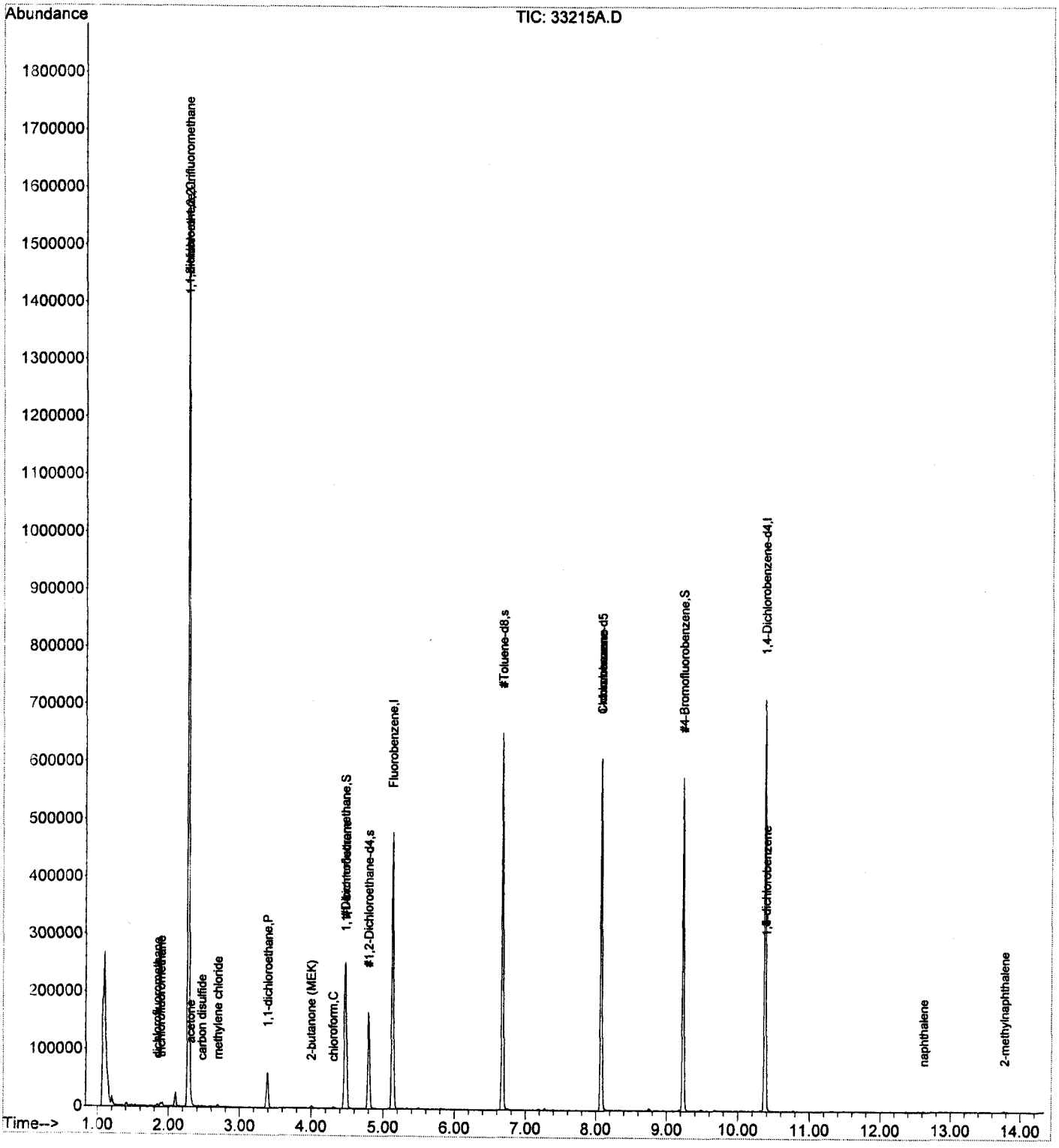
System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
1,2-Dichloroethane-d4	40.0	42.4	106	87 - 123	
Toluene-d8	40.0	38.3	96	91 - 107	
4-Bromofluorobenzene	40.0	40.1	100	84 - 106	

Internal Standard	Area	RT	Ref. Area	Ref. RT	Q
Fluorobenzene	404022	5.13	495489	5.13	
Chlorobenzene-d5	348261	8.08	453134	8.08	
1,4-Dichlorobenzene-d4	208844	10.38	273742	10.38	

* Values outside of QC limits

Data Path : C:\MSDChem\1\DATA\12-29-10\
InstName : 224
Data File : 33215A.D
Acq On : 29 Dec 2010 13:29
Operator : DLV
Sample : 1012332-15RE1
Misc : MWH 2x = 25mL:50m
ALS Vial : 5 Sample Multiplier: 2

Quant Time: Dec 29 13:44:18 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration



Quantitation Report (Not Edited)

Data Path : C:\MSDChem\1\DATA\12-29-10\
InstName : 224
Data File : 33215A.D
Acq On : 29 Dec 2010 13:29
Operator : DLV
Sample : 1012332-15RE1
Misc : MWH 2x = 25mL:50m
ALS Vial : 5 Sample Multiplier: 2

Quant Time: Dec 29 13:44:18 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

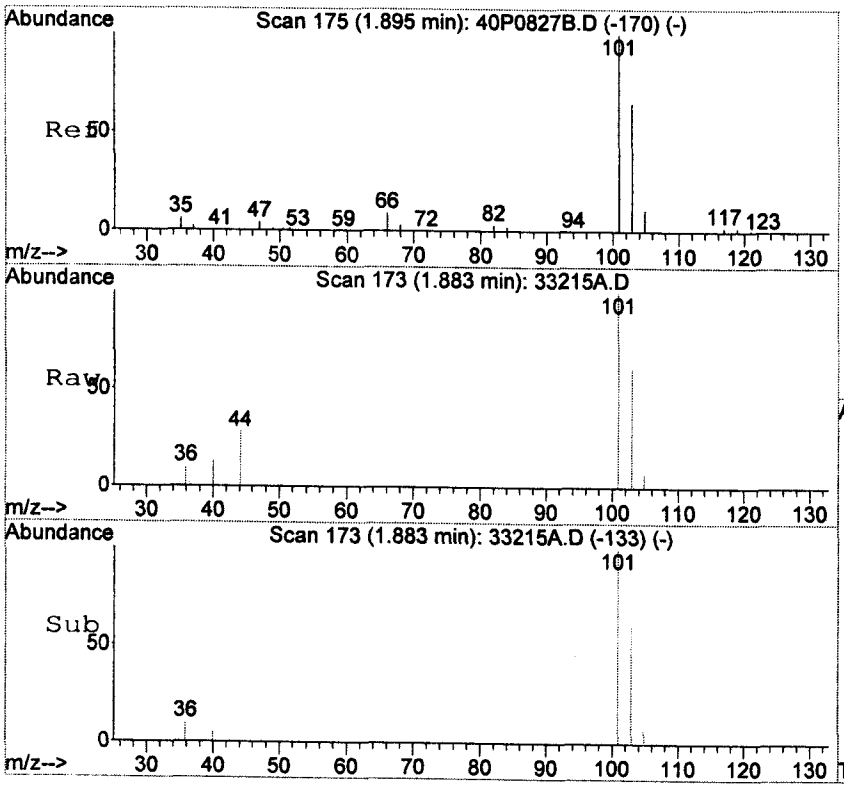
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	404022	40.00	ug/L	0.00 81.54%
50) Chlorobenzene-d5	8.08	117	348261	40.00	ug/L	0.00 76.86%
65) 1,4-Dichlorobenzene-d4	10.38	152	208844	40.00	ug/L	0.00 76.29%
System Monitoring Compounds						
30) #Dibromofluoromethane	4.47	111	105283	39.43	ug/L	0.00
Spiked Amount 40.000			Recovery =	98.58%		
37) #1,2-Dichloroethane-d4	4.80	65	112020	42.44	ug/L	0.00
Spiked Amount 40.000			Recovery =	106.10%		
46) #Toluene-d8	6.67	98	404022	38.26	ug/L	0.00
Spiked Amount 40.000			Recovery =	95.65%		
64) #4-Bromofluorobenzene	9.23	95	167471	40.10	ug/L	0.00
Spiked Amount 40.000			Recovery =	100.25%		
Target Compounds						Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.		
3) chloromethane	0.00	50	0	N.D.		
4) vinyl chloride	0.00	62	0	N.D.		
5) dichlorofluoromethane	1.85	67	3127	0.50	ug/L #	42
6) bromomethane	0.00	94	0	N.D.		
7) chloroethane	0.00	64	0	N.D.		
8) trichlorofluoromethane	1.88	101	3801	0.56	ug/L #	89
9) acrolein	0.00	56	0	N.D.		
10) ethyl ether	0.00	74	0	N.D.		
11) acrylonitrile	0.00	53	0	N.D.		
12) 1,1,2-trichloro-1,2,2-trif	2.27	101	22118	7.11	ug/L	95
13) 1,1-dichloroethene	2.28	96	499230	134.15	ug/L	96
14) iodomethane	0.00	142	0	N.D.		
15) acetone	2.32	43	3944	3.34	ug/L #	42
16) methyl acetate	0.00	43	0	N.D.		
17) carbon disulfide	2.47	76	1810	DNC 0.22	ug/L #	75
18) methylene chloride	2.69	49	1749	DNC 0.42	ug/L #	61
19) trans-1,2-dichloroethene	0.00	96	0	N.D.		
20) methyl (tert) butyl ethe	0.00	73	0	N.D.		
21) 1,1-dichloroethane	3.39	63	56495	8.42	ug/L	99
22) vinyl acetate	0.00	43	0	N.D.		
23) 2,2-dichloropropane	0.00	77	0	N.D.		
24) cis-1,2-dichloroethene	0.00	96	0	N.D.		
25) 2-butanone (MEK)	4.00	43	4608	DNC 3.83	ug/L #	41
26) bromochloromethane	0.00	49	0	N.D.		
27) chloroform	4.31	83	2185	0.29	ug/L #	18
28) tetrahydrofuran	0.00	71	0	N.D.		
29) 1,1,1-trichloroethane	4.49	97	75488	11.10	ug/L	97
31) carbon tetrachloride	0.00	117	0	N.D.		
32) 1,1-dichloropropene	0.00	75	0	N.D.		
33) cyclohexane	0.00	56	0	N.D.		
34) benzene	0.00	78	0	N.D.		
35) 1,2-dichloroethane	0.00	62	0	N.D.		
36) heptane	5.13	57	10896	No Calib	#	

Data Path : C:\MSDChem\1\DATA\12-29-10\
InstName : 224
Data File : 33215A.D
Acq On : 29 Dec 2010 13:29
Operator : DLV
Sample : 1012332-15RE1
Misc : MWH 2x = 25mL:50m
ALS Vial : 5 Sample Multiplier: 2

Quant Time: Dec 29 13:44:18 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

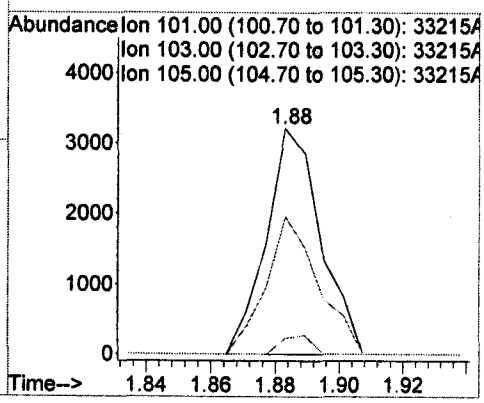
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
38) trichloroethene	0.00	130	0	N.D.	
39) 1,2-dichloropropane	0.00	63	0	N.D.	
40) dibromomethane	0.00	93	0	N.D.	
41) bromodichloromethane	0.00	83	0	N.D.	
42) methylcyclohexane	0.00	83	0	N.D.	
43) 2-chloroethyl vinyl ethe	0.00	63	0	N.D.	
44) cis-1,3-dichloropropene	0.00	75	0	N.D.	
45) 4-methyl-2-pentanone (MI	0.00	43	0	N.D.	
47) toluene	0.00	91	0	N.D.	
48) trans-1,3-dichloropropen	0.00	75	0	N.D.	
49) 1,1,2-trichloroethane	0.00	83	0	N.D.	
51) tetrachloroethene	0.00	166	0	N.D.	
52) 1,3-dichloropropane	0.00	76	0	N.D.	
53) 2-hexanone (MBK)	0.00	43	0	N.D.	
54) dibromochloromethane	0.00	129	0	N.D.	
55) 1,2-dibromoethane	0.00	109	0	N.D.	
56) chlorobenzene	0.00	112	0	N.D.	
57) 1,1,1,2-tetrachloroethan	0.00	131	0	N.D.	
58) 1-chlorohexane	8.07	55	3082	0.24 ug/L #	1
59) ethylbenzene	0.00	91	0	N.D.	
60) m+p-xylene	0.00	106	0	N.D.	
61) o-xylene	0.00	106	0	N.D.	
62) styrene	0.00	104	0	N.D.	
63) bromoform	0.00	173	0	N.D.	
66) isopropylbenzene	0.00	105	0	N.D.	
67) bromobenzene	0.00	77	0	N.D.	
68) 1,1,2,2-tetrachloroethan	0.00	83	0	N.D.	
69) 1,4-dichloro-2-butene	0.00	53	0	N.D.	
70) 1,2,3-trichloropropane	0.00	75	0	N.D.	
71) n-propylbenzene	0.00	120	0	N.D.	
72) 2-chlorotoluene	0.00	126	0	N.D.	
73) 1,3,5-trimethylbenzene	0.00	105	0	N.D.	
74) 4-chlorotoluene	0.00	126	0	N.D.	
75) tert-butylbenzene	0.00	119	0	N.D.	
76) 1,2,4-trimethylbenzene	0.00	105	0	N.D.	
77) sec-butylbenzene	0.00	105	0	N.D.	
78) 4-isopropyltoluene	0.00	119	0	N.D.	
79) 1,3-dichlorobenzene	10.39	146	1533	0.17 ug/L #	26
80) 1,4-dichlorobenzene	10.39	146	1533	0.16 ug/L #	26
81) 1,2-dichlorobenzene	0.00	146	0	N.D.	
82) n-butylbenzene	0.00	91	0	N.D.	
83) 1,2-dibromo-3-chloroprop	0.00	157	0	N.D.	
84) hexachloroethane	0.00	201	0	N.D.	
85) 1,2,4-trichlorobenzene	0.00	180	0	N.D.	
86) hexachlorobutadiene	0.00	225	0	N.D.	
87) naphthalene	12.61	128	1901	0.18 ug/L #	81
88) 1,2,3-trichlorobenzene	0.00	180	0	N.D.	
89) 2-methylnaphthalene	13.78	142	1595	0.45 ug/L #	17

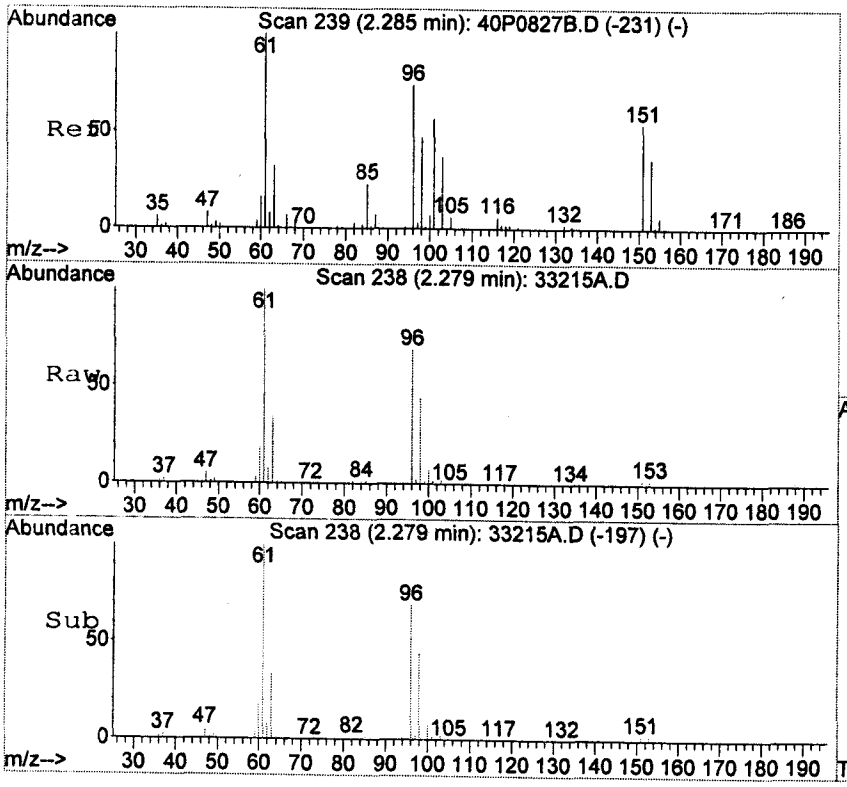
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#8
trichlorofluoromethane
Concen: 0.56 ug/L
RT: 1.88 min Scan# 173
Delta R.T. -0.01 min
Lab File: 33215A.D
Acq: 29 Dec 2010 13:29

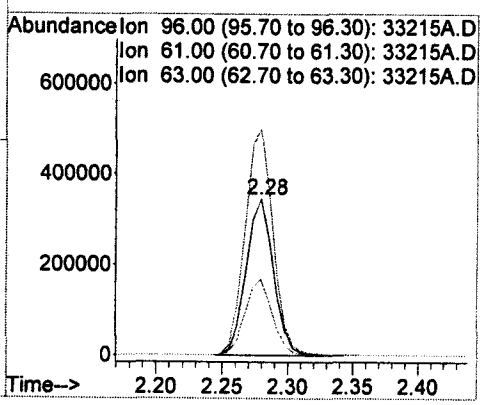
Tgt Ion:101	Resp:	3801	
Ion	Ratio	Lower	Upper
101	100		
103	59.0	45.2	85.2
105	0.0	0.0	30.5

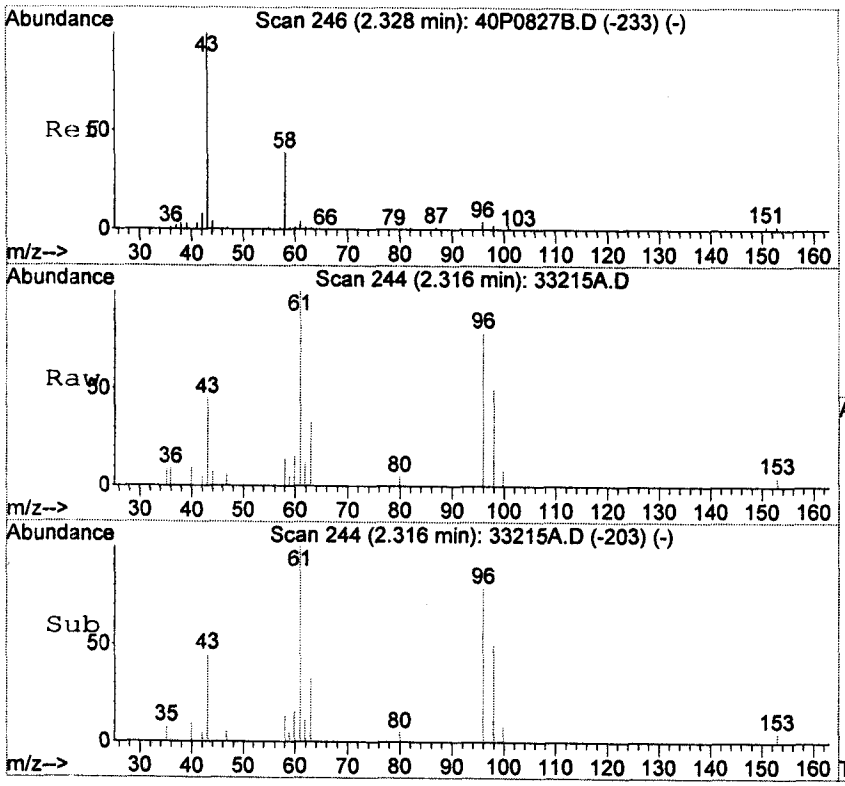




#13
1,1-dichloroethene
Concen: 134.15 ug/L
RT: 2.28 min Scan# 238
Delta R.T. 0.00 min
Lab File: 33215A.D
Acq: 29 Dec 2010 13:29

Tgt Ion: 96	Resp:	499230	
Ion	Ratio	Lower	Upper
96	100		
61	147.9	122.3	162.3
63	48.5	25.8	65.8

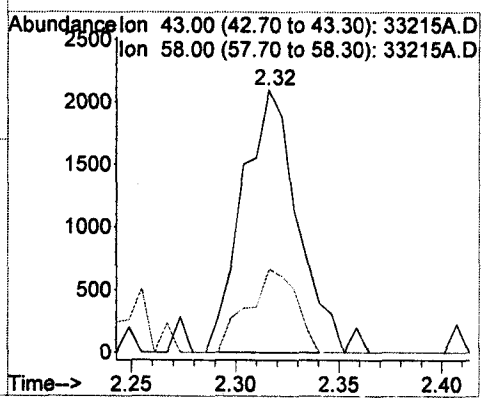


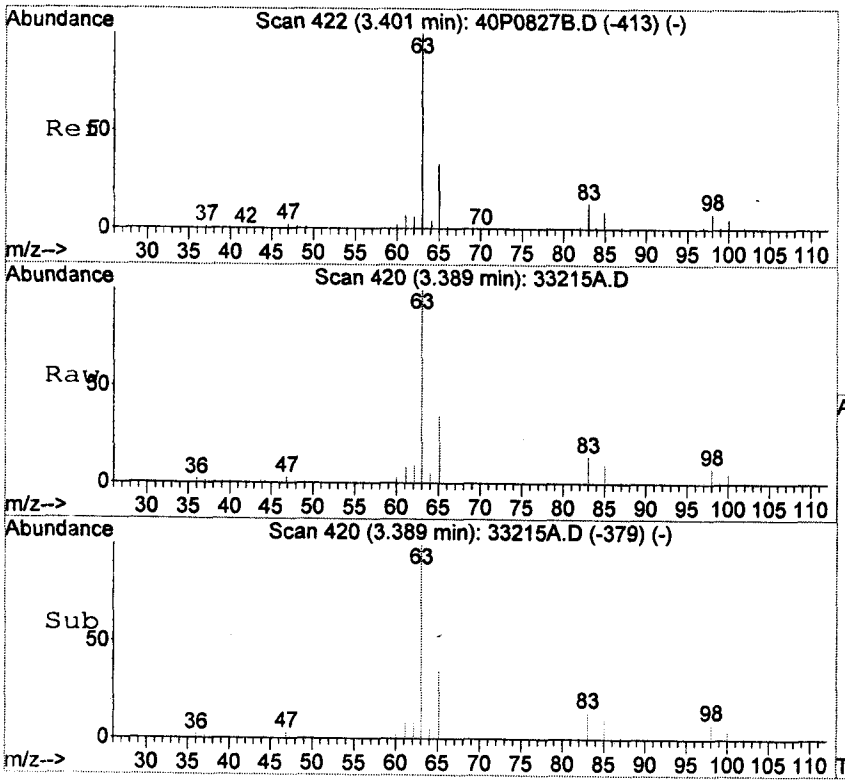


#15
acetone
Concen: 3.34 ug/L
RT: 2.32 min Scan# 244
Delta R.T. 0.00 min
Lab File: 33215A.D
Acq: 29 Dec 2010 13:29

Tgt Ion: 43 Resp: 3944

Ion	Ratio	Lower	Upper
43	100		
58	0.0	12.3	52.3#

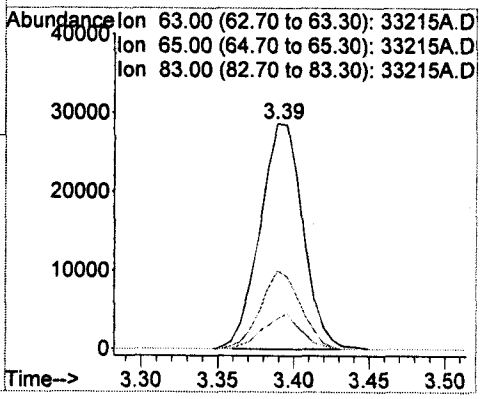


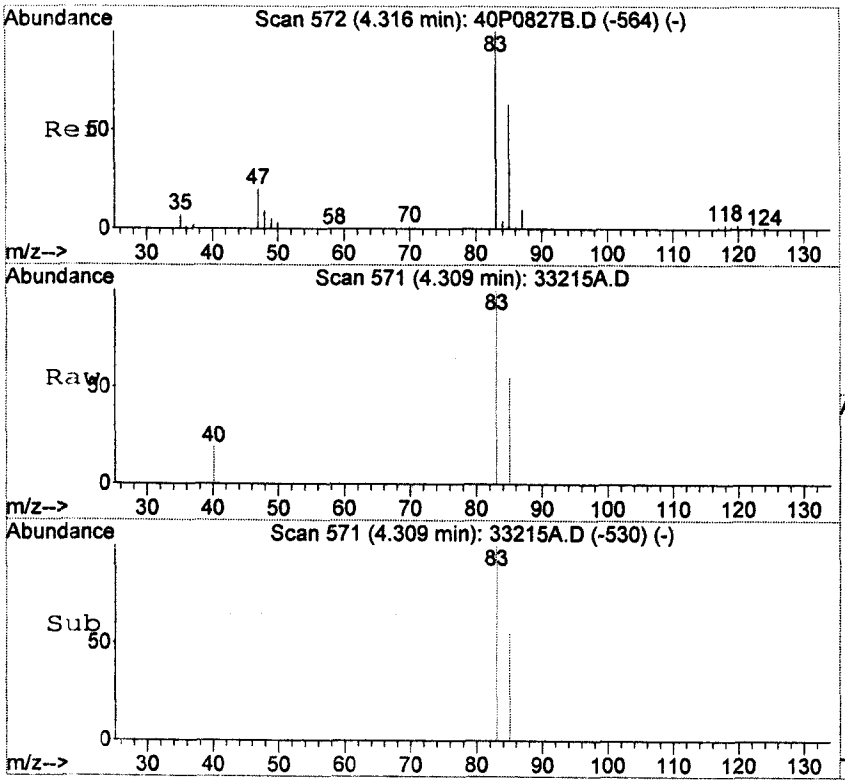


#21
1,1-dichloroethane
Concen: 8.42 ug/L
RT: 3.39 min Scan# 420
Delta R.T. 0.00 min
Lab File: 33215A.D
Acq: 29 Dec 2010 13:29

Tgt Ion: 63 Resp: 56495

Ion	Ratio	Lower	Upper
63	100		
65	32.4	12.1	52.1
83	13.9	0.0	34.2

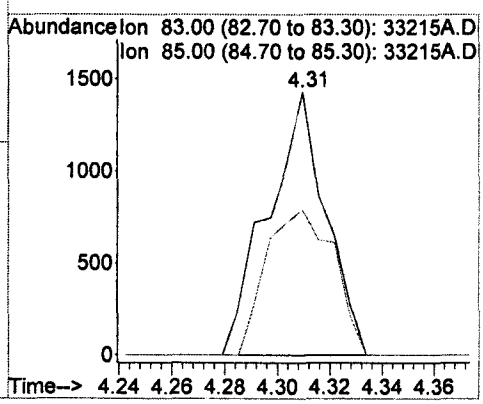


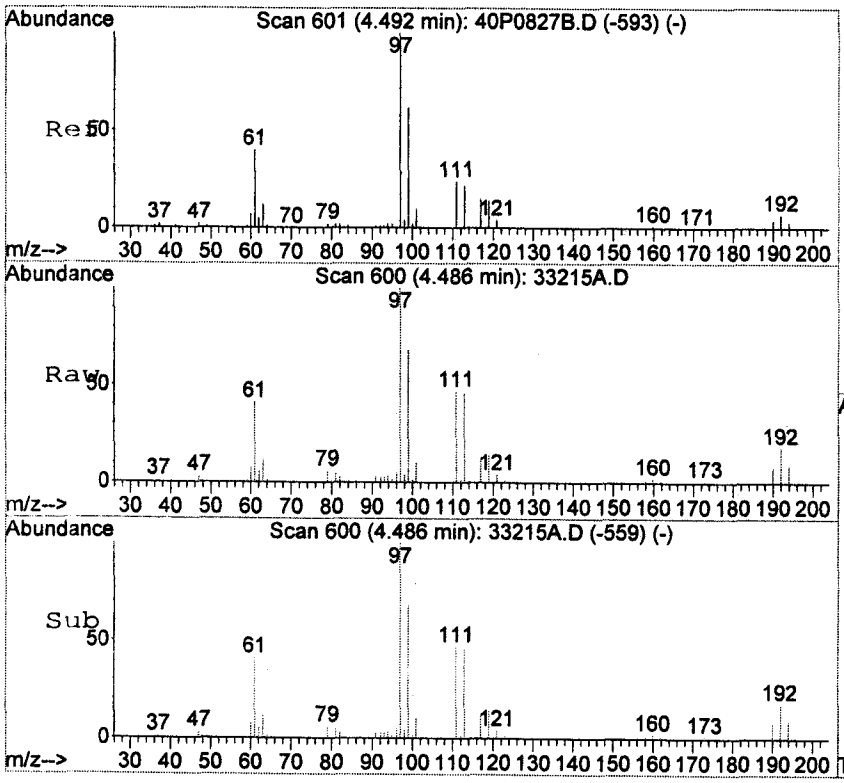


#27
chloroform
Concen: 0.29 ug/L
RT: 4.31 min Scan# 571
Delta R.T. 0.00 min
Lab File: 33215A.D
Acq: 29 Dec 2010 13:29

Tgt Ion: 83 Resp: 2185

Ion	Ratio	Lower	Upper
83	100		
85	0.0	44.9	84.9#

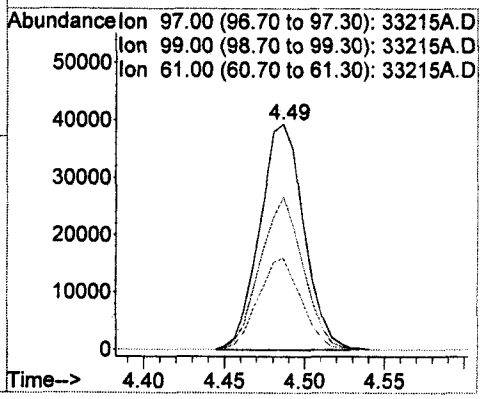




#29
1,1,1-trichloroethane
Concen: 11.10 ug/L
RT: 4.49 min Scan# 600
Delta R.T. 0.00 min
Lab File: 33215A.D
Acq: 29 Dec 2010 13:29

Tgt Ion: 97 Resp: 75488

Ion	Ratio	Lower	Upper
97	100		
99	65.8	45.0	85.0
61	39.5	16.2	56.2



ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-8D (Duplicate 1)

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-16 File ID: 33216.D

Sampled: 12/17/10 15:25 Prepared: 12/28/10 20:00 Analyzed: 12/29/10 00:39

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21014 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
67-64-1	Acetone	1	5.0	2.1	5.0	U
71-43-2	Benzene	1	1.0	0.18	1.0	U
108-86-1	Bromobenzene	1	1.0	0.19	1.0	U
74-97-5	Bromochloromethane	1	1.0	0.18	1.0	U
75-27-4	Bromodichloromethane	1	1.0	0.13	1.0	U
75-25-2	Bromoform	1	1.0	0.15	1.0	U
74-83-9	Bromomethane	1	1.0	0.18	1.0	U
104-51-8	n-Butylbenzene	1	1.0	0.18	1.0	U
135-98-8	sec-Butylbenzene	1	1.0	0.18	1.0	U
98-06-6	tert-Butylbenzene	1	1.0	0.15	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	0.13	1.0	U
108-90-7	Chlorobenzene	1	1.0	0.19	1.0	U
75-00-3	Chloroethane	1	1.0	0.15	1.0	U
67-66-3	Chloroform	1	0.44	0.17	1.0	J
74-87-3	Chloromethane	1	1.0	0.16	1.0	U
95-49-8	2-Chlorotoluene	1	1.0	0.16	1.0	U
106-43-4	4-Chlorotoluene	1	1.0	0.12	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	0.40	1.0	U
124-48-1	Dibromochloromethane	1	1.0	0.14	1.0	U
106-93-4	1,2-Dibromoethane	1	1.0	0.22	1.0	U
74-95-3	Dibromomethane	1	1.0	0.23	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	0.12	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	0.13	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	0.12	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	0.21	1.0	U
75-34-3	1,1-Dichloroethane	1	17	0.13	1.0	
107-06-2	1,2-Dichloroethane	1	1.0	0.13	1.0	U
75-35-4	1,1-Dichloroethene	1	280	0.13	1.0	
156-59-2	cis-1,2-Dichloroethene	1	1.0	0.23	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	0.20	1.0	U
78-87-5	1,2-Dichloropropane	1	1.0	0.15	1.0	U
142-28-9	1,3-Dichloropropane	1	1.0	0.14	1.0	U
594-20-7	2,2-Dichloropropane	1	1.0	0.18	1.0	U

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-8D (Duplicate 1)

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-16 File ID: 33216.D

Sampled: 12/17/10 15:25 Prepared: 12/28/10 20:00 Analyzed: 12/29/10 00:39

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21014 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
563-58-6	1,1-Dichloropropene	1	1.0	0.25	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	0.25	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	0.23	1.0	U
100-41-4	Ethylbenzene	1	1.0	0.14	1.0	U
87-68-3	Hexachlorobutadiene	1	1.0	0.28	1.0	U
98-82-8	Isopropylbenzene	1	1.0	0.15	1.0	U
99-87-6	4-Isopropyltoluene	1	1.0	0.29	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	0.28	1.0	U
75-09-2	Methylene Chloride	1	1.0	0.26	1.0	U
78-93-3	2-Butanone (MEK)	1	5.0	0.55	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	0.28	5.0	U
91-20-3	Naphthalene	1	5.0	0.37	5.0	U
103-65-1	n-Propylbenzene	1	1.0	0.15	1.0	U
100-42-5	Styrene	1	1.0	0.11	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1	1.0	0.16	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	0.070	1.0	U
127-18-4	Tetrachloroethene	1	1.0	0.16	1.0	U
108-88-3	Toluene	1	1.0	0.16	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1	1.0	0.18	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	0.16	1.0	U
71-55-6	1,1,1-Trichloroethane	1	23	0.19	1.0	
79-00-5	1,1,2-Trichloroethane	1	1.0	0.18	1.0	U
79-01-6	Trichloroethene	1	1.0	0.092	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	0.20	1.0	
96-18-4	1,2,3-Trichloropropane	1	1.0	0.28	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1	1.0	0.16	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1	1.0	0.18	1.0	U
75-01-4	Vinyl Chloride	1	1.0	0.10	1.0	U
136777-61-2	Xylene, Meta + Para	1	2.0	0.28	2.0	U
95-47-6	Xylene, Ortho	1	1.0	0.14	1.0	U

System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
Dibromofluoromethane	40.0	39.4	98	88 - 116	

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-8D (Duplicate 1)

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-16 File ID: 33216.D

Sampled: 12/17/10 15:25 Prepared: 12/28/10 20:00 Analyzed: 12/29/10 00:39

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21014 Calibration: 0L28007 Instrument: 224

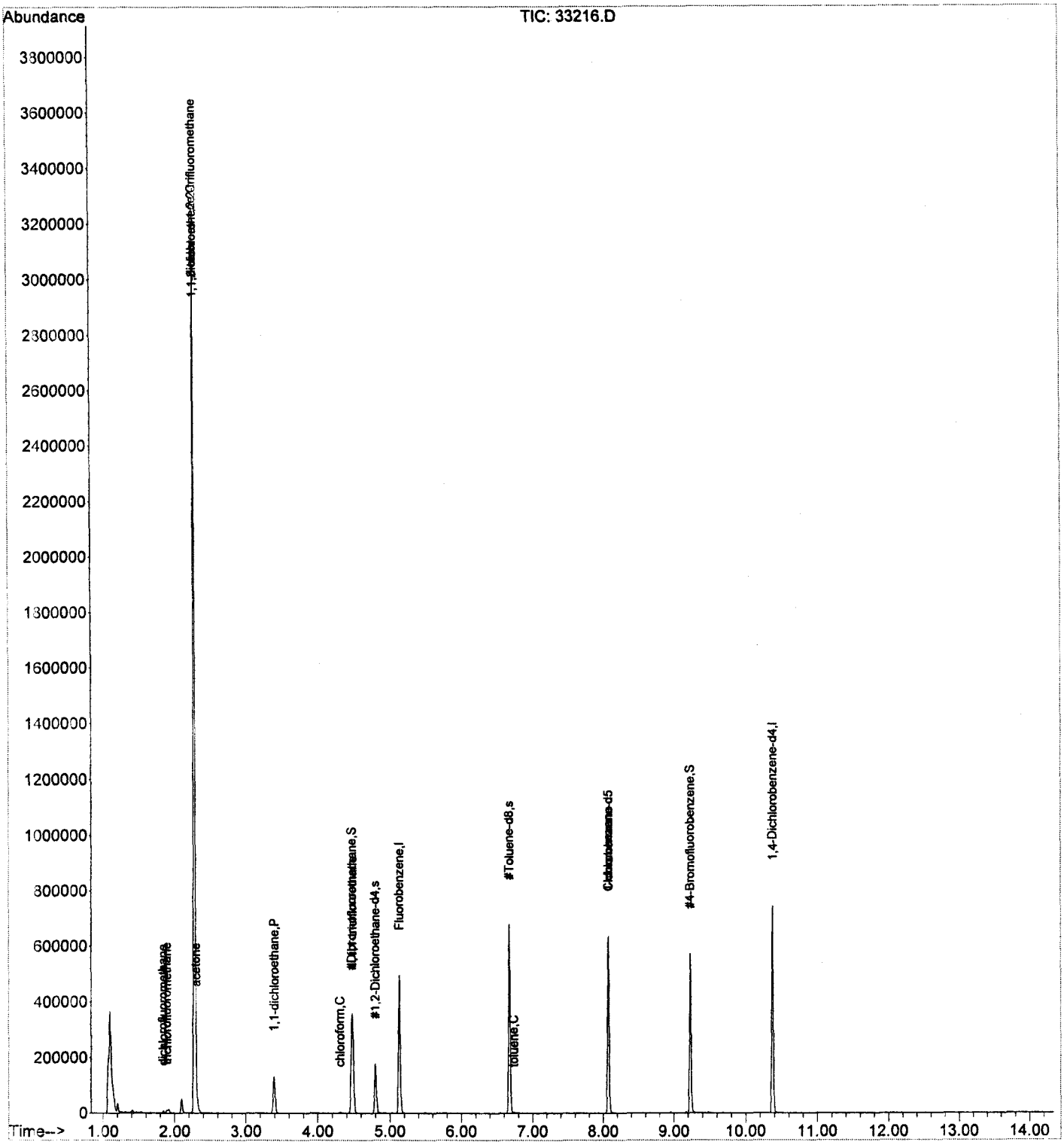
System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
1,2-Dichloroethane-d4	40.0	42.3	106	87 - 123	
Toluene-d8	40.0	37.3	93	91 - 107	
4-Bromofluorobenzene	40.0	39.5	99	84 - 106	

Internal Standard	Area	RT	Ref. Area	Ref. RT	Q
Fluorobenzene	424515	5.13	495489	5.13	
Chlorobenzene-d5	358951	8.08	453134	8.08	
1,4-Dichlorobenzene-d4	216642	10.38	273742	10.38	

* Values outside of QC limits

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33216.D
Acq On : 29 Dec 2010 00:39
Operator : DLV
Sample : 1012332-16
Misc : MWH
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 29 00:54:23 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration



Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33216.D
Acq On : 29 Dec 2010 00:39
Operator : DLV
Sample : 1012332-16
Misc : MWH
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 29 00:54:23 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

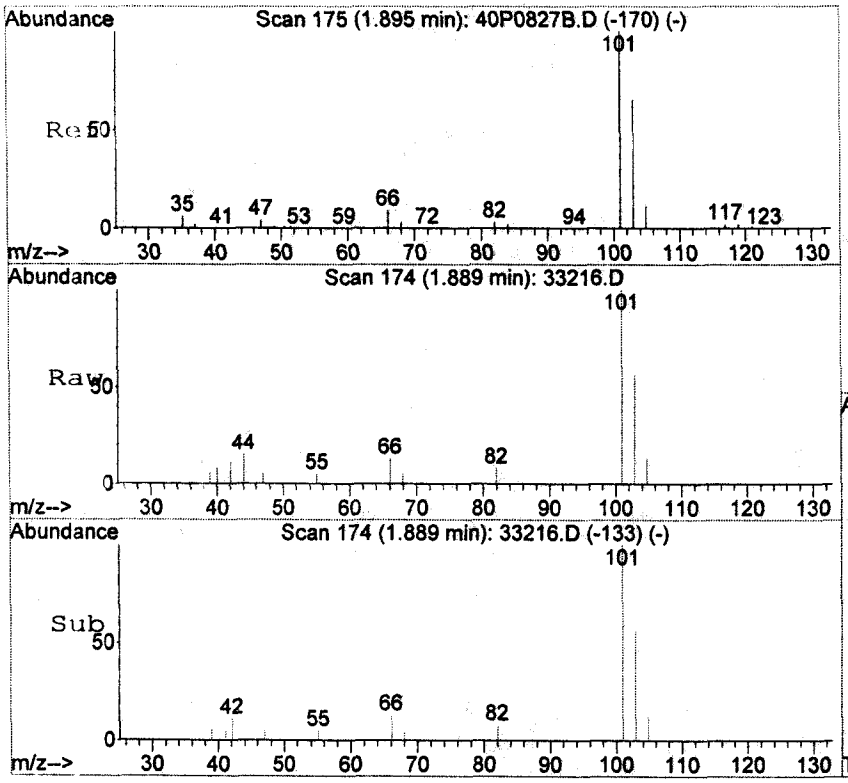
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	424515	40.00	ug/L	0.00 85.68%
50) Chlorobenzene-d5	8.08	117	358951	40.00	ug/L	0.00 79.22%
65) 1,4-Dichlorobenzene-d4	10.38	152	216642	40.00	ug/L	0.00 79.14%
System Monitoring Compounds						
30) #Dibromofluoromethane	4.47	111	110488	39.38	ug/L	0.00
Spiked Amount 40.000			Recovery =	98.45%		
37) #1,2-Dichloroethane-d4	4.80	65	117359	42.32	ug/L	0.00
Spiked Amount 40.000			Recovery =	105.80%		
46) #Toluene-d8	6.67	98	414225	37.33	ug/L	0.00
Spiked Amount 40.000			Recovery =	93.32%		
64) #4-Bromofluorobenzene	9.23	95	170049	39.51	ug/L	0.00
Spiked Amount 40.000			Recovery =	98.77%		
Target Compounds						Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.		
3) chloromethane	0.00	50	0	N.D.		
4) vinyl chloride	0.00	62	0	N.D.		
5) dichlorofluoromethane	1.84	67	5952	0.90	ug/L	100
6) bromomethane	0.00	94	0	N.D.		
7) chloroethane	0.00	64	0	N.D.		
8) trichlorofluoromethane	1.89	101	7471	1.04	ug/L #	92
9) acrolein	0.00	56	0	N.D.		
10) ethyl ether	0.00	74	0	N.D.		
11) acrylonitrile	0.00	53	0	N.D.		
12) 1,1,2-trichloro-1,2,2-trif	2.27	101	45168	13.81	ug/L	95
13) 1,1-dichloroethene	2.28	96	1079537	276.08	ug/L	95
14) iodomethane	0.00	142	0	N.D.		
15) acetone	2.31	43	1889	0.34	ug/L #	42
16) methyl acetate	0.00	43	0	N.D.		
17) carbon disulfide	0.00	76	0	N.D.		
18) methylene chloride	0.00	49	0	N.D.		
19) trans-1,2-dichloroethene	0.00	96	0	N.D.		
20) methyl (tert) butyl ethe	0.00	73	0	N.D.		
21) 1,1-dichloroethane	3.39	63	120469	17.08	ug/L	99
22) vinyl acetate	0.00	43	0	N.D.		
23) 2,2-dichloropropane	0.00	77	0	N.D.		
24) cis-1,2-dichloroethene	0.00	96	0	N.D.		
25) 2-butanone (MEK)	0.00	43	0	N.D.		
26) bromochloromethane	0.00	49	0	N.D.		
27) chloroform	4.31	83	3499	0.44	ug/L	96
28) tetrahydrofuran	0.00	71	0	N.D.		
29) 1,1,1-trichloroethane	4.49	97	164039	22.97	ug/L	98
31) carbon tetrachloride	0.00	117	0	N.D.		
32) 1,1-dichloropropene	0.00	75	0	N.D.		
33) cyclohexane	0.00	56	0	N.D.		
34) benzene	0.00	78	0	N.D.		
35) 1,2-dichloroethane	0.00	62	0	N.D.		
36) heptane	5.13	57	11377	No Calib	#	

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33216.D
Acq On : 29 Dec 2010 00:39
Operator : DLV
Sample : 1012332-16
Misc : MWH
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 29 00:54:23 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
38) trichloroethene	0.00	130	0	N.D.		
39) 1,2-dichloropropane	0.00	63	0	N.D.		
40) dibromomethane	0.00	93	0	N.D.		
41) bromodichloromethane	0.00	83	0	N.D.		
42) methylcyclohexane	0.00	83	0	N.D.		
43) 2-chloroethyl vinyl ethe	0.00	63	0	N.D.		
44) cis-1,3-dichloropropene	0.00	75	0	N.D.		
45) 4-methyl-2-pentanone (MI	0.00	43	0	N.D.		
47) toluene	6.74	91	1543	0.08	ug/L #	20
48) trans-1,3-dichloropropen	0.00	75	0	N.D.		
49) 1,1,2-trichloroethane	0.00	83	0	N.D.		
51) tetrachloroethene	0.00	166	0	N.D.		
52) 1,3-dichloropropane	0.00	76	0	N.D.		
53) 2-hexanone (MBK)	0.00	43	0	N.D.		
54) dibromochloromethane	0.00	129	0	N.D.		
55) 1,2-dibromoethane	0.00	109	0	N.D.		
56) chlorobenzene	0.00	112	0	N.D.		
57) 1,1,1,2-tetrachloroethan	0.00	131	0	N.D.		
58) 1-chlorohexane	8.08	55	2669	0.08	ug/L #	1
59) ethylbenzene	0.00	91	0	N.D.		
60) m+p-xylene	0.00	106	0	N.D.		
61) o-xylene	0.00	106	0	N.D.		
62) styrene	0.00	104	0	N.D.		
63) bromoform	0.00	173	0	N.D.		
66) isopropylbenzene	0.00	105	0	N.D.		
67) bromobenzene	0.00	77	0	N.D.		
68) 1,1,2,2-tetrachloroethan	0.00	83	0	N.D.		
69) 1,4-dichloro-2-butene	0.00	53	0	N.D.		
70) 1,2,3-trichloropropane	0.00	75	0	N.D.		
71) n-propylbenzene	0.00	120	0	N.D.		
72) 2-chlorotoluene	0.00	126	0	N.D.		
73) 1,3,5-trimethylbenzene	0.00	105	0	N.D.		
74) 4-chlorotoluene	0.00	126	0	N.D.		
75) tert-butylbenzene	0.00	119	0	N.D.		
76) 1,2,4-trimethylbenzene	0.00	105	0	N.D.		
77) sec-butylbenzene	0.00	105	0	N.D.		
78) 4-isopropyltoluene	0.00	119	0	N.D.		
79) 1,3-dichlorobenzene	0.00	146	0	N.D.		
80) 1,4-dichlorobenzene	0.00	146	0	N.D.		
81) 1,2-dichlorobenzene	0.00	146	0	N.D.		
82) n-butylbenzene	0.00	91	0	N.D.		
83) 1,2-dibromo-3-chloroprop	0.00	157	0	N.D.		
84) hexachloroethane	0.00	201	0	N.D.		
85) 1,2,4-trichlorobenzene	0.00	180	0	N.D.		
86) hexachlorobutadiene	0.00	225	0	N.D.		
87) naphthalene	0.00	128	0	N.D.		
88) 1,2,3-trichlorobenzene	0.00	180	0	N.D.		
89) 2-methylnaphthalene	0.00	142	0	N.D.		

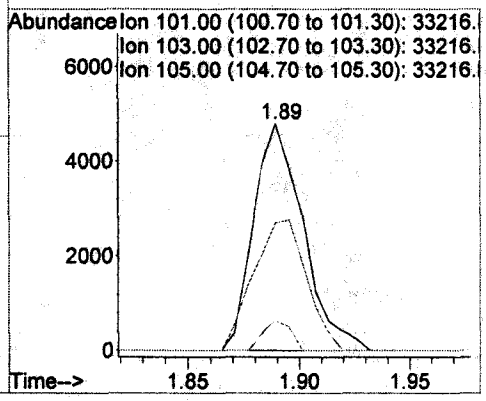
(#) = qualifier out of range (m) = manual integration (+) = signals summed

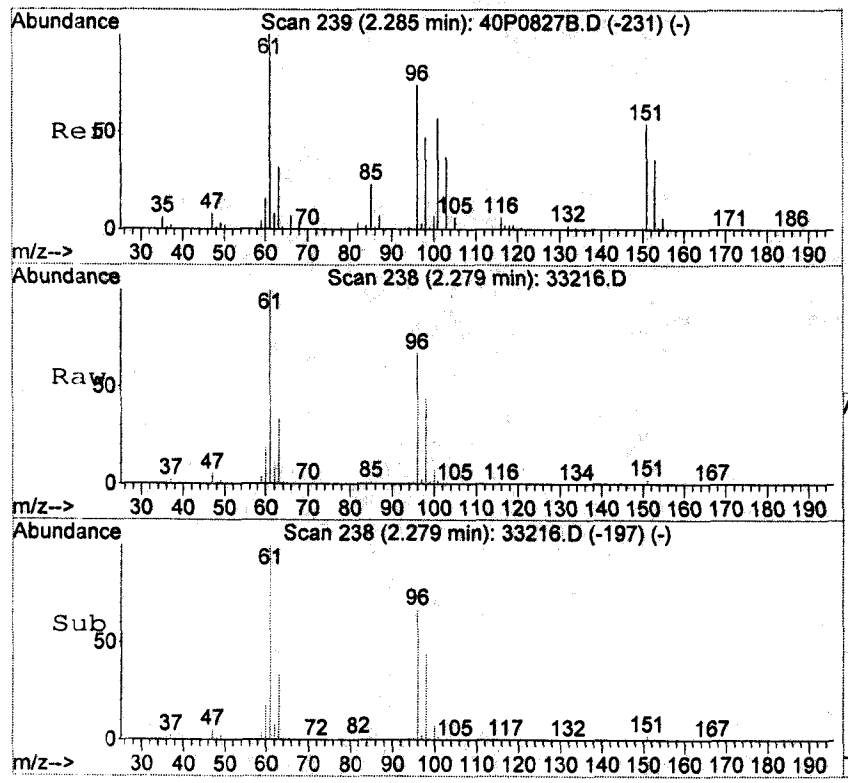


#8
trichlorofluoromethane
Concen: 1.04 ug/L
RT: 1.89 min Scan# 174
Delta R.T. -0.00 min
Lab File: 33216.D
Acq: 29 Dec 2010 00:39

Tgt Ion:101 Resp: 7471

Ion	Ratio	Lower	Upper
101	100		
103	61.7	45.2	85.2
105	0.0	0.0	30.5

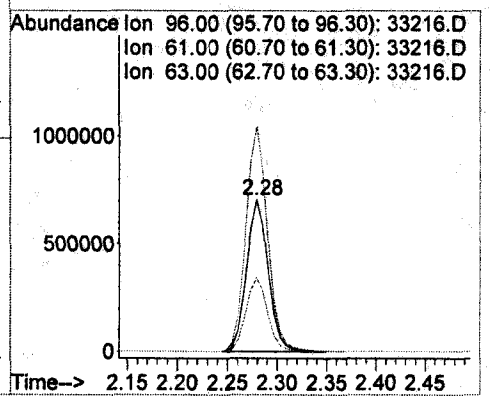


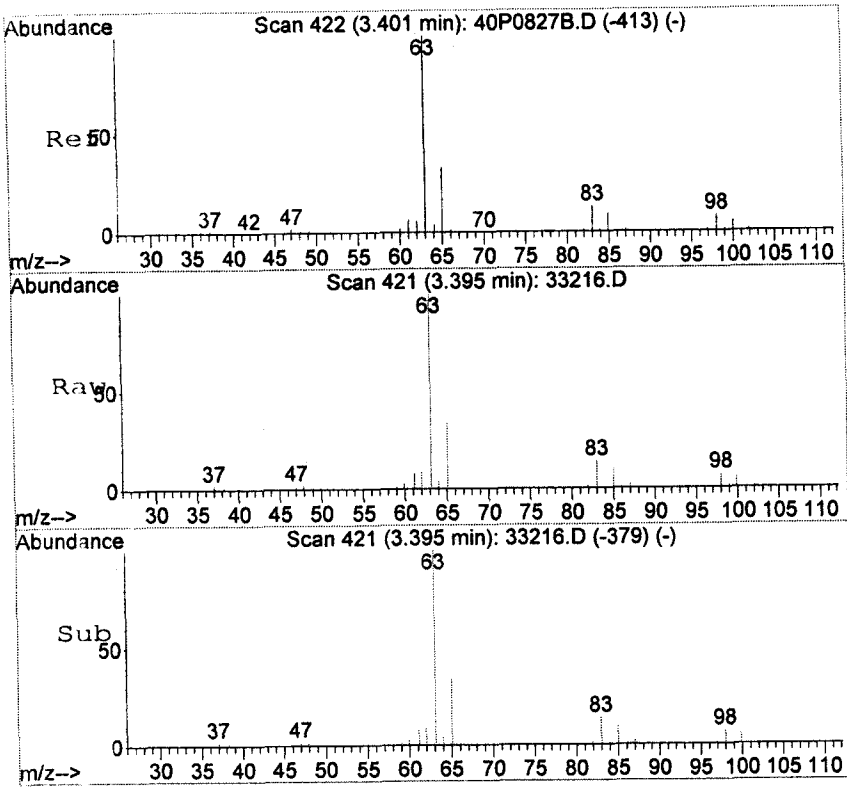


#13
1,1-dichloroethene
Concen: 276.08 ug/L
RT: 2.28 min Scan# 238
Delta R.T. -0.00 min
Lab File: 33216.D
Acq: 29 Dec 2010 00:39

Tgt Ion: 96 Resp: 1079537

Ion	Ratio	Lower	Upper
96	100		
61	148.4	122.3	162.3
63	48.4	25.8	65.8

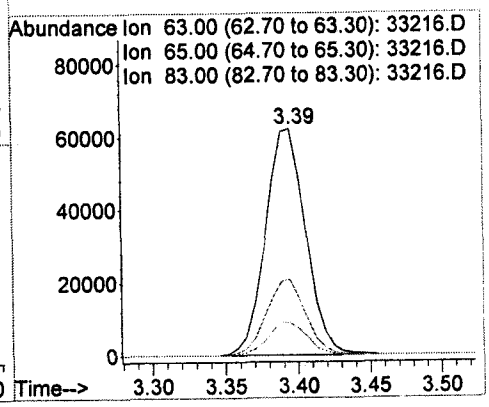


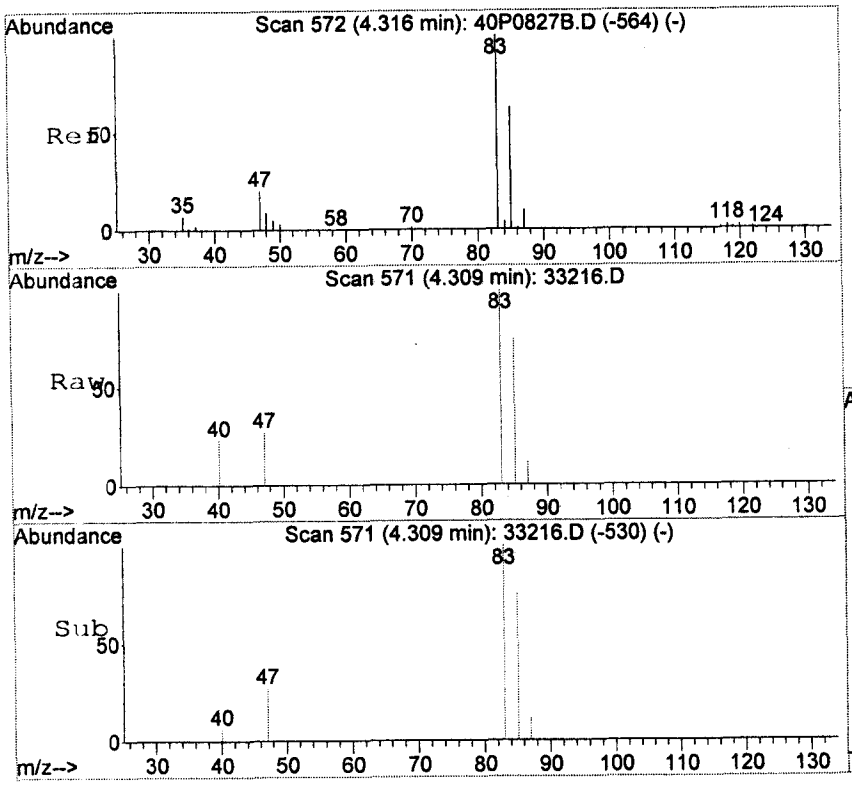


#21
1,1-dichloroethane
Concen: 17.08 ug/L
RT: 3.39 min Scan# 421
Delta R.T. 0.01 min
Lab File: 33216.D
Acq: 29 Dec 2010 00:39

Tgt Ion: 63 Resp: 120469

Ion	Ratio	Lower	Upper
63	100		
65	32.8	12.1	52.1
83	14.1	0.0	34.2

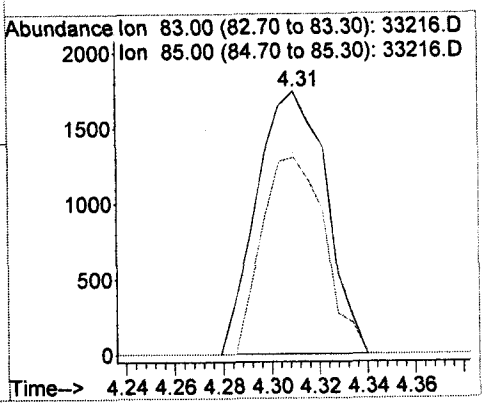


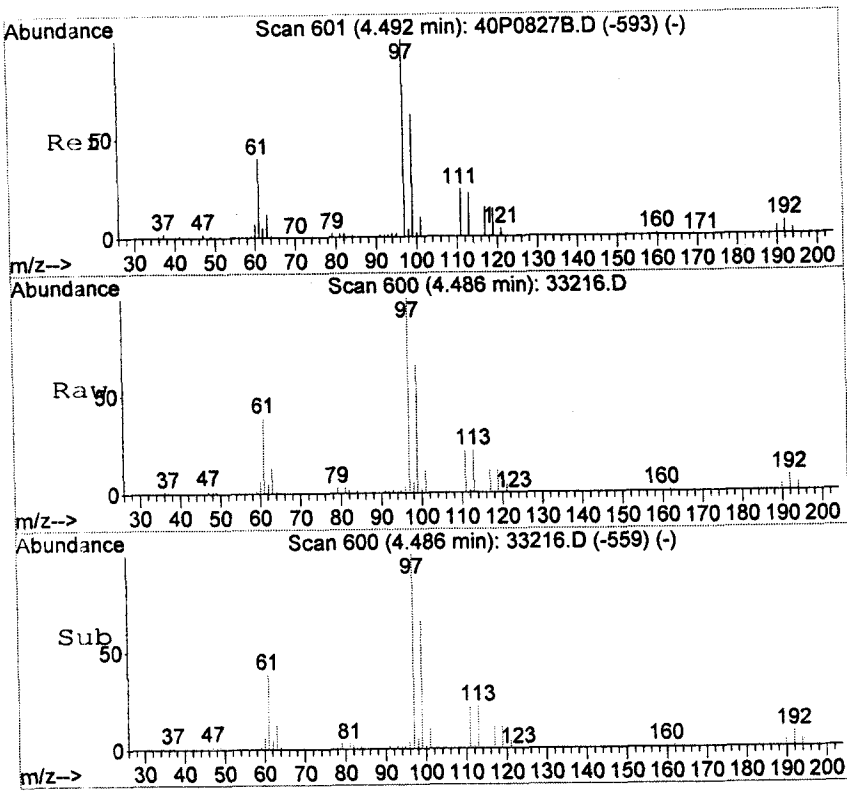


#27
chloroform
Concen: 0.44 ug/L
RT: 4.31 min Scan# 571
Delta R.T. -0.00 min
Lab File: 33216.D
Acq: 29 Dec 2010 00:39

Tgt Ion: 83 Resp: 3499

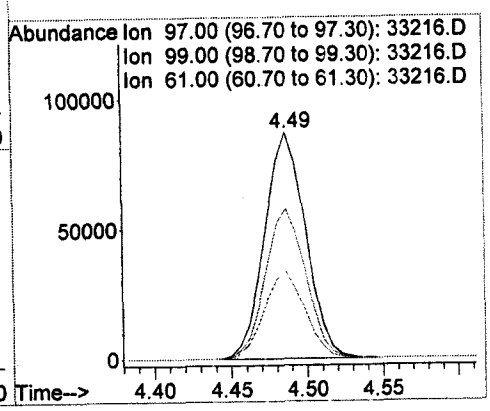
Ion	Ratio	Lower	Upper
83	100		
85	68.0	44.9	84.9





#29
1,1,1-trichloroethane
Concen: 22.97 ug/L
RT: 4.49 min Scan# 600
Delta R.T. -0.00 min
Lab File: 33216.D
Acq: 29 Dec 2010 00:39

Tgt Ion: 97	Resp:	164039	
Ion	Ratio	Lower	Upper
97	100		
99	65.7	45.0	85.0
61	38.5	16.2	56.2



ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-8D (Duplicate 1)

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-16RE1 File ID: 33216A.D

Sampled: 12/17/10 15:25 Prepared: 12/29/10 09:00 Analyzed: 12/29/10 14:06

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21015 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
67-64-1	Acetone	2	6.7	4.2	10	J
71-43-2	Benzene	2	2.0	0.35	2.0	U
108-86-1	Bromobenzene	2	2.0	0.39	2.0	U
74-97-5	Bromochloromethane	2	2.0	0.35	2.0	U
75-27-4	Bromodichloromethane	2	2.0	0.27	2.0	U
75-25-2	Bromoform	2	2.0	0.30	2.0	U
74-83-9	Bromomethane	2	2.0	0.35	2.0	U
104-51-8	n-Butylbenzene	2	2.0	0.36	2.0	U
135-98-8	sec-Butylbenzene	2	2.0	0.35	2.0	U
98-06-6	tert-Butylbenzene	2	2.0	0.31	2.0	U
56-23-5	Carbon Tetrachloride	2	2.0	0.26	2.0	U
108-90-7	Chlorobenzene	2	2.0	0.38	2.0	U
75-00-3	Chloroethane	2	2.0	0.30	2.0	U
67-66-3	Chloroform	2	0.52	0.34	2.0	J
74-87-3	Chloromethane	2	2.0	0.32	2.0	U
95-49-8	2-Chlorotoluene	2	2.0	0.33	2.0	U
106-43-4	4-Chlorotoluene	2	2.0	0.24	2.0	U
96-12-8	1,2-Dibromo-3-chloropropane	2	2.0	0.79	2.0	U
124-48-1	Dibromochloromethane	2	2.0	0.28	2.0	U
106-93-4	1,2-Dibromoethane	2	2.0	0.43	2.0	U
74-95-3	Dibromomethane	2	2.0	0.45	2.0	U
95-50-1	1,2-Dichlorobenzene	2	2.0	0.25	2.0	U
541-73-1	1,3-Dichlorobenzene	2	2.0	0.25	2.0	U
106-46-7	1,4-Dichlorobenzene	2	2.0	0.24	2.0	U
75-71-8	Dichlorodifluoromethane	2	2.0	0.42	2.0	U
75-34-3	1,1-Dichloroethane	2	16	0.26	2.0	
107-06-2	1,2-Dichloroethane	2	2.0	0.25	2.0	U
75-35-4	1,1-Dichloroethene	2	260	0.26	2.0	
156-59-2	cis-1,2-Dichloroethene	2	2.0	0.47	2.0	U
156-60-5	trans-1,2-Dichloroethene	2	2.0	0.40	2.0	U
78-87-5	1,2-Dichloropropane	2	2.0	0.29	2.0	U
142-28-9	1,3-Dichloropropane	2	2.0	0.28	2.0	U
594-20-7	2,2-Dichloropropane	2	2.0	0.35	2.0	U

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-8D (Duplicate 1)

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-16RE1 File ID: 33216A.D

Sampled: 12/17/10 15:25 Prepared: 12/29/10 09:00 Analyzed: 12/29/10 14:06

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21015 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
563-58-6	1,1-Dichloropropene	2	2.0	0.49	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2	2.0	0.51	2.0	U
10061-02-6	trans-1,3-Dichloropropene	2	2.0	0.47	2.0	U
100-41-4	Ethylbenzene	2	2.0	0.29	2.0	U
87-68-3	Hexachlorobutadiene	2	2.0	0.56	2.0	U
98-82-8	Isopropylbenzene	2	2.0	0.30	2.0	U
99-87-6	4-Isopropyltoluene	2	2.0	0.58	2.0	U
1634-04-4	Methyl tert-Butyl Ether	2	2.0	0.56	2.0	U
75-09-2	Methylene Chloride	2	2.0	0.53	2.0	U
78-93-3	2-Butanone (MEK)	2	10	1.1	10	U
108-10-1	4-Methyl-2-pentanone (MIBK)	2	10	0.55	10	U
91-20-3	Naphthalene	2	10	0.74	10	U
103-65-1	n-Propylbenzene	2	2.0	0.30	2.0	U
100-42-5	Styrene	2	2.0	0.23	2.0	U
630-20-6	1,1,1,2-Tetrachloroethane	2	2.0	0.31	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2	2.0	0.14	2.0	U
127-18-4	Tetrachloroethene	2	2.0	0.31	2.0	U
108-88-3	Toluene	2	2.0	0.32	2.0	U
87-61-6	1,2,3-Trichlorobenzene	2	2.0	0.36	2.0	U
120-82-1	1,2,4-Trichlorobenzene	2	2.0	0.33	2.0	U
71-55-6	1,1,1-Trichloroethane	2	22	0.39	2.0	
79-00-5	1,1,2-Trichloroethane	2	2.0	0.37	2.0	U
79-01-6	Trichloroethene	2	2.0	0.18	2.0	U
75-69-4	Trichlorofluoromethane	2	1.1	0.39	2.0	J
96-18-4	1,2,3-Trichloropropane	2	2.0	0.55	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2	2.0	0.33	2.0	U
108-67-8	1,3,5-Trimethylbenzene	2	2.0	0.36	2.0	U
75-01-4	Vinyl Chloride	2	2.0	0.20	2.0	U
136777-61-2	Xylene, Meta + Para	2	4.0	0.56	4.0	U
95-47-6	Xylene, Ortho	2	2.0	0.28	2.0	U

System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
Dibromofluoromethane	40.0	39.9	100	88 - 116	

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-8D (Duplicate 1)

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-16RE1 File ID: 33216A.D

Sampled: 12/17/10 15:25 Prepared: 12/29/10 09:00 Analyzed: 12/29/10 14:06

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21015 Calibration: 0L28007 Instrument: 224

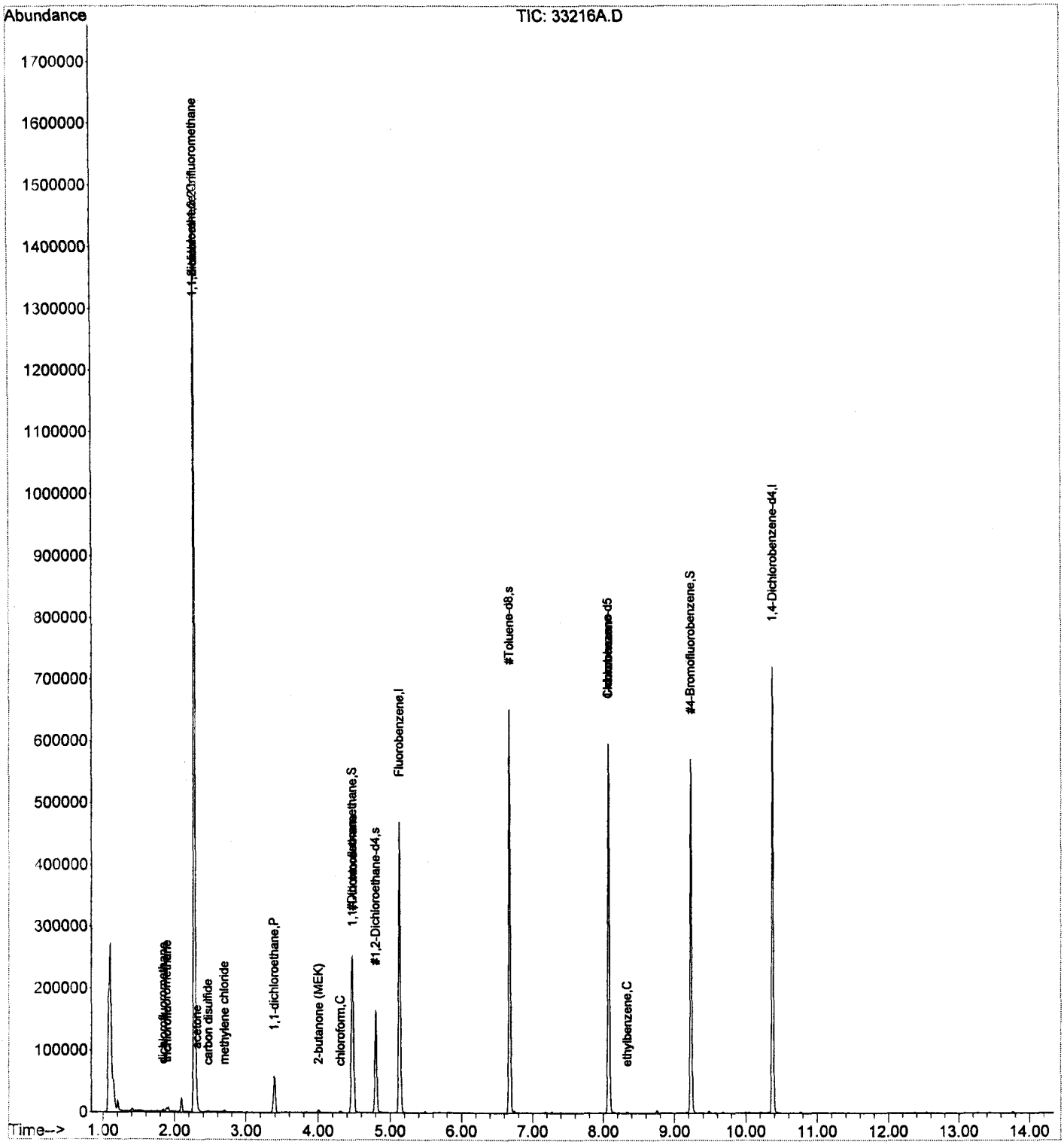
System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
1,2-Dichloroethane-d4	40.0	42.0	105	87 - 123	
Toluene-d8	40.0	38.2	96	91 - 107	
4-Bromofluorobenzene	40.0	40.2	100	84 - 106	

Internal Standard	Area	RT	Ref. Area	Ref. RT	Q
Fluorobenzene	399031	5.13	495489	5.13	
Chlorobenzene-d5	344166	8.08	453134	8.08	
1,4-Dichlorobenzene-d4	207347	10.38	273742	10.38	

* Values outside of QC limits

Data Path : C:\MSDChem\1\DATA\12-29-10\
InstName : 224
Data File : 33216A.D
Acq On : 29 Dec 2010 14:06
Operator : DLV
Sample : 1012332-16RE1
Misc : MWH 2x = 25mL:50mL
ALS Vial : 6 Sample Multiplier: 2

Quant Time: Dec 29 14:21:14 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration



Data Path : C:\MSDChem\1\DATA\12-29-10\
InstName : 224
Data File : 33216A.D
Acq On : 29 Dec 2010 14:06
Operator : DLV
Sample : 1012332-16RE1
Misc : MWH 2x = 25mL:50mL
ALS Vial : 6 Sample Multiplier: 2

Quant Time: Dec 29 14:21:14 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

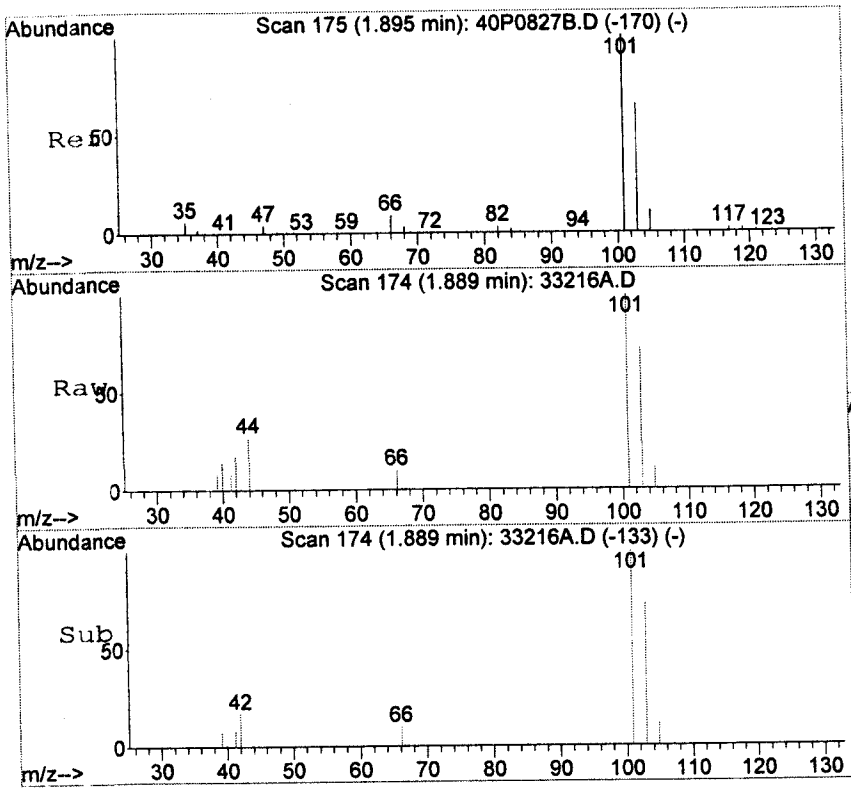
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	399031	40.00	ug/L	0.00 80.53%
50) Chlorobenzene-d5	8.08	117	344166	40.00	ug/L	0.00 75.95%
65) 1,4-Dichlorobenzene-d4	10.38	152	207347	40.00	ug/L	0.00 75.75%
System Monitoring Compounds						
30) #Dibromofluoromethane	4.47	111	105257	39.91	ug/L	0.00
Spiked Amount 40.000			Recovery =	99.77%		
37) #1,2-Dichloroethane-d4	4.80	65	109592	42.04	ug/L	0.00
Spiked Amount 40.000			Recovery =	105.10%		
46) #Toluene-d8	6.67	98	398745	38.23	ug/L	0.00
Spiked Amount 40.000			Recovery =	95.57%		
64) #4-Bromofluorobenzene	9.23	95	165824	40.18	ug/L	0.00
Spiked Amount 40.000			Recovery =	100.45%		
Target Compounds						Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.		
3) chloromethane	0.00	50	0	N.D.		
4) vinyl chloride	0.00	62	0	N.D.		
5) dichlorofluoromethane	1.84	67	2870	0.46	ug/L #	42
6) bromomethane	0.00	94	0	N.D.		
7) chloroethane	0.00	64	0	N.D.		
8) trichlorofluoromethane	1.89	101	3628	0.54	ug/L #	95
9) acrolein	0.00	56	0	N.D.		
10) ethyl ether	0.00	74	0	N.D.		
11) acrylonitrile	0.00	53	0	N.D.		
12) 1,1,2-trichloro-1,2,2-trif	2.27	101	20113	6.54	ug/L	96
13) 1,1-dichloroethene	2.28	96	474046	128.98	ug/L	96
14) iodomethane	0.00	142	0	N.D.		
15) acetone	2.32	43	3900	3.35	ug/L #	42
16) methyl acetate	0.00	43	0	N.D.		
17) carbon disulfide	2.46	76	1834	~~DNC 0.22~~	ug/L #	75
18) methylene chloride	2.69	49	1654	~~DNC 0.40~~	ug/L #	7
19) trans-1,2-dichloroethene	0.00	96	0	N.D.		
20) methyl (tert) butyl ethe	0.00	73	0	N.D.		
21) 1,1-dichloroethane	3.39	63	54277	8.19	ug/L	99
22) vinyl acetate	0.00	43	0	N.D.		
23) 2,2-dichloropropane	0.00	77	0	N.D.		
24) cis-1,2-dichloroethene	0.00	96	0	N.D.		
25) 2-butanone (MEK)	4.00	43	5034	~~DNC 4.23~~	ug/L #	41
26) bromochloromethane	0.00	49	0	N.D.		
27) chloroform	4.31	83	1928	0.26	ug/L #	18
28) tetrahydrofuran	0.00	71	0	N.D.		
29) 1,1,1-trichloroethane	4.49	97	72910	10.86	ug/L	98
31) carbon tetrachloride	0.00	117	0	N.D.		
32) 1,1-dichloropropene	0.00	75	0	N.D.		
33) cyclohexane	0.00	56	0	N.D.		
34) benzene	0.00	78	0	N.D.		
35) 1,2-dichloroethane	0.00	62	0	N.D.		
36) heptane	5.13	57	11095	No Calib	#	

Data Path : C:\MSDChem\1\DATA\12-29-10\
InstName : 224
Data File : 33216A.D
Acq On : 29 Dec 2010 14:06
Operator : DLV
Sample : 1012332-16RE1
Misc : MWH 2x = 25mL:50mL
ALS Vial : 6 Sample Multiplier: 2

Quant Time: Dec 29 14:21:14 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

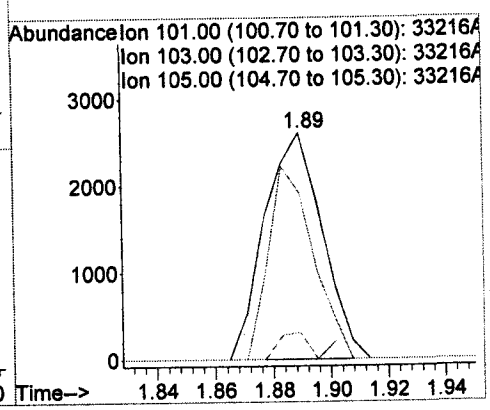
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
38) trichloroethene	0.00	130	0	N.D.		
39) 1,2-dichloropropane	0.00	63	0	N.D.		
40) dibromomethane	0.00	93	0	N.D.		
41) bromodichloromethane	0.00	83	0	N.D.		
42) methylcyclohexane	0.00	83	0	N.D.		
43) 2-chloroethyl vinyl ethe	0.00	63	0	N.D.		
44) cis-1,3-dichloropropene	0.00	75	0	N.D.		
45) 4-methyl-2-pentanone (MI	0.00	43	0	N.D.		
47) toluene	0.00	91	0	N.D.		
48) trans-1,3-dichloropropen	0.00	75	0	N.D.		
49) 1,1,2-trichloroethane	0.00	83	0	N.D.		
51) tetrachloroethene	0.00	166	0	N.D.		
52) 1,3-dichloropropane	0.00	76	0	N.D.		
53) 2-hexanone (MBK)	0.00	43	0	N.D.		
54) dibromochloromethane	0.00	129	0	N.D.		
55) 1,2-dibromoethane	0.00	109	0	N.D.		
56) chlorobenzene	0.00	112	0	N.D.		
57) 1,1,1,2-tetrachloroethan	0.00	131	0	N.D.		
58) 1-chlorohexane	8.07	55	2900	0.20	ug/L #	1
59) ethylbenzene	8.33	91	1624	0.08	ug/L #	41
60) m+p-xylene	0.00	106	0	N.D.		
61) o-xylene	0.00	106	0	N.D.		
62) styrene	0.00	104	0	N.D.		
63) bromoform	0.00	173	0	N.D.		
66) isopropylbenzene	0.00	105	0	N.D.		
67) bromobenzene	0.00	77	0	N.D.		
68) 1,1,2,2-tetrachloroethan	0.00	83	0	N.D.		
69) 1,4-dichloro-2-butene	0.00	53	0	N.D.		
70) 1,2,3-trichloropropane	0.00	75	0	N.D.		
71) n-propylbenzene	0.00	120	0	N.D.		
72) 2-chlorotoluene	0.00	126	0	N.D.		
73) 1,3,5-trimethylbenzene	0.00	105	0	N.D.		
74) 4-chlorotoluene	0.00	126	0	N.D.		
75) tert-butylbenzene	0.00	119	0	N.D.		
76) 1,2,4-trimethylbenzene	0.00	105	0	N.D.		
77) sec-butylbenzene	0.00	105	0	N.D.		
78) 4-isopropyltoluene	0.00	119	0	N.D.		
79) 1,3-dichlorobenzene	0.00	146	0	N.D.		
80) 1,4-dichlorobenzene	0.00	146	0	N.D.		
81) 1,2-dichlorobenzene	0.00	146	0	N.D.		
82) n-butylbenzene	0.00	91	0	N.D.		
83) 1,2-dibromo-3-chloroprop	0.00	157	0	N.D.		
84) hexachloroethane	0.00	201	0	N.D.		
85) 1,2,4-trichlorobenzene	0.00	180	0	N.D.		
86) hexachlorobutadiene	0.00	225	0	N.D.		
87) naphthalene	0.00	128	0	N.D.		
88) 1,2,3-trichlorobenzene	0.00	180	0	N.D.		
89) 2-methylnaphthalene	0.00	142	0	N.D.		

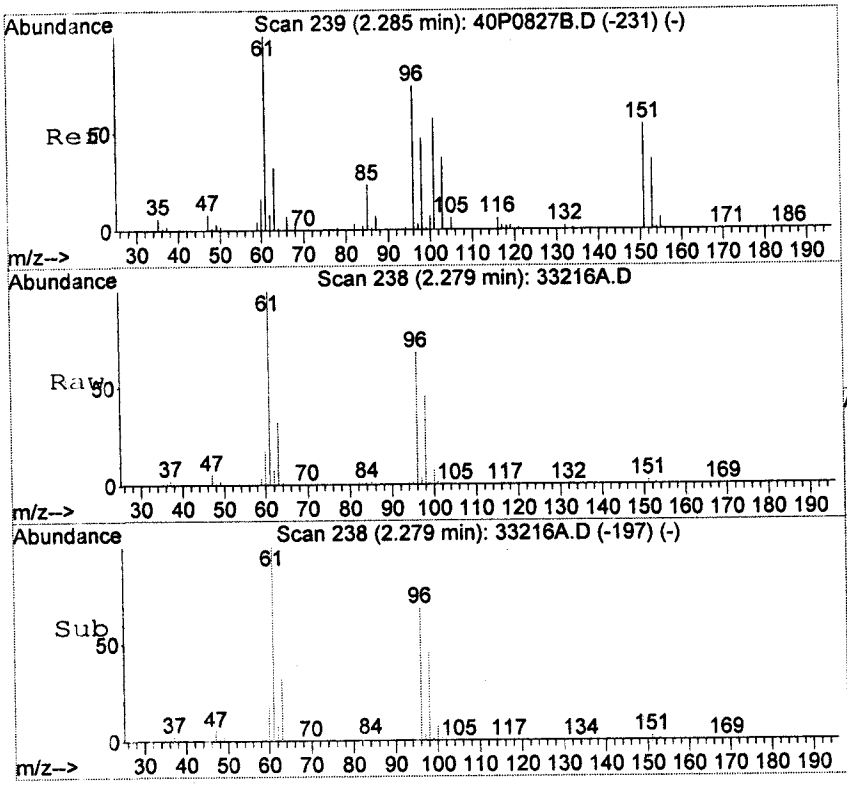
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#8
trichlorofluoromethane
Concen: 0.54 ug/L
RT: 1.89 min Scan# 174
Delta R.T. 0.00 min
Lab File: 33216A.D
Acq: 29 Dec 2010 14:06

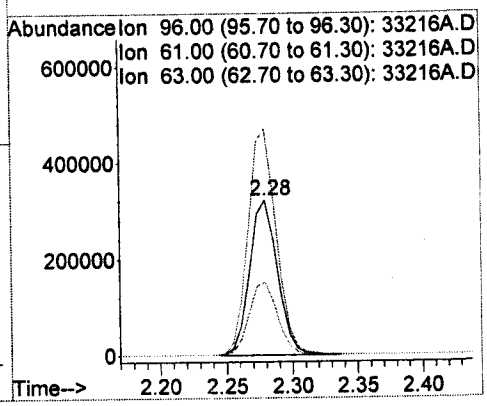
Tgt Ion:101	Resp:	3628
Ion	Ratio	Lower	Upper
101	100		
103	66.2	45.2	85.2
105	0.0	0.0	30.5

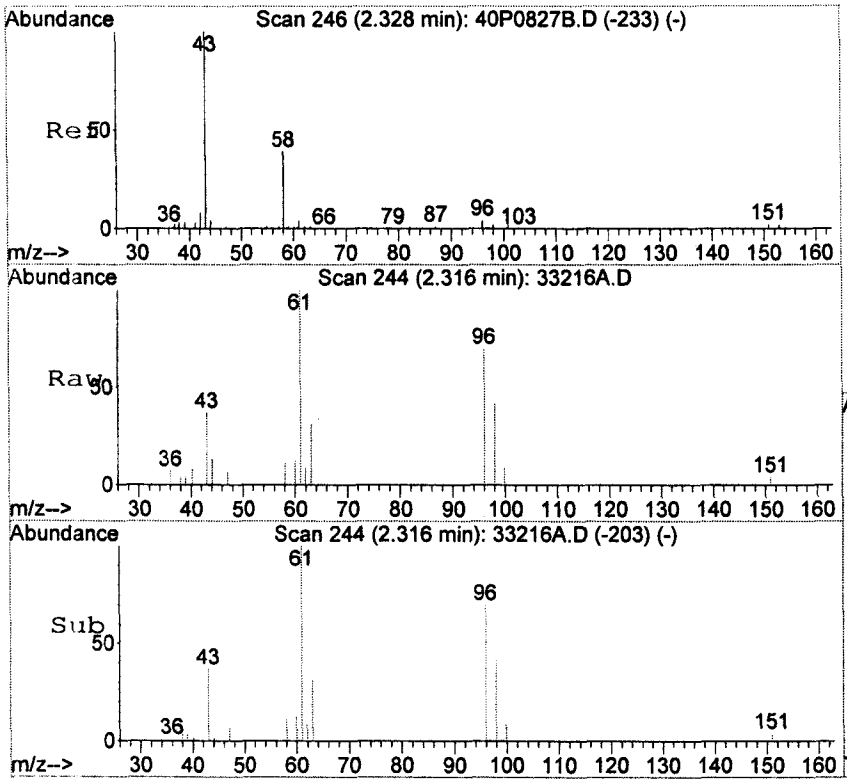




#13
1,1-dichloroethene
Concen: 128.98 ug/L
RT: 2.28 min Scan# 238
Delta R.T. 0.00 min
Lab File: 33216A.D
Acq: 29 Dec 2010 14:06

Tgt Ion: 96	Resp:	474046
Ion	Ratio	Lower	Upper
96	100		
61	147.4	122.3	162.3
63	48.1	25.8	65.8

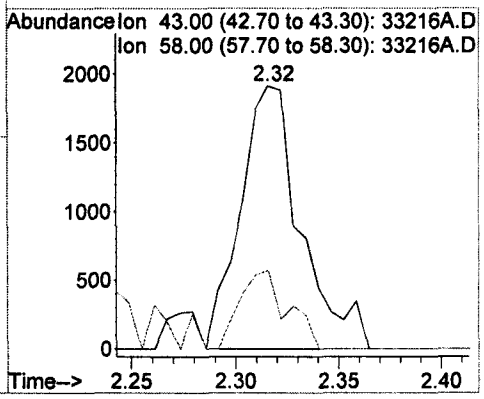


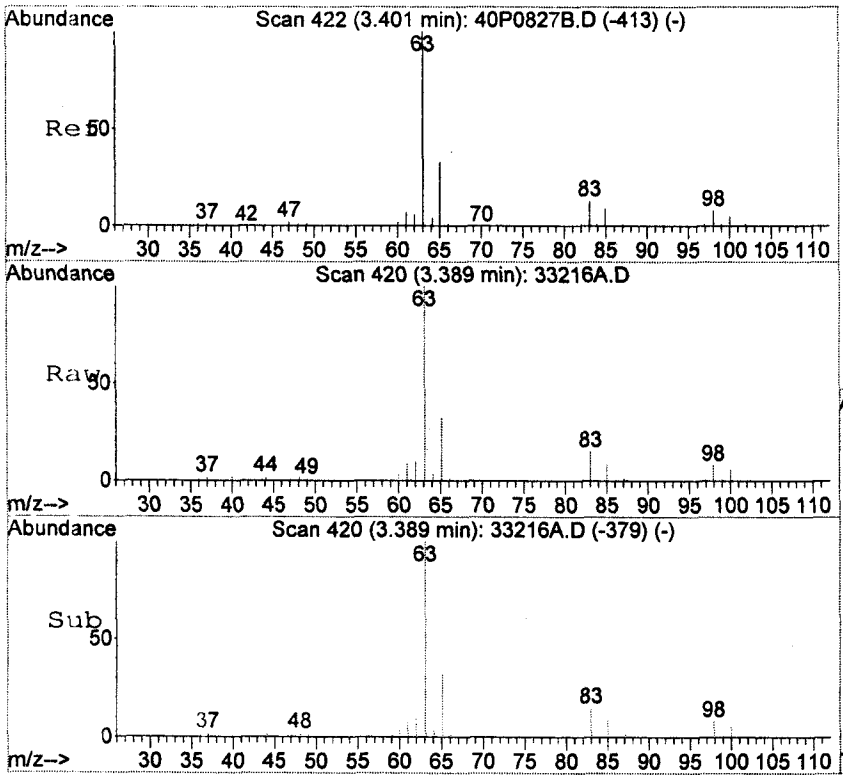


#15
acetone
Concen: 3.35 ug/L
RT: 2.32 min Scan# 244
Delta R.T. 0.00 min
Lab File: 33216A.D
Acq: 29 Dec 2010 14:06

Tgt Ion: 43 Resp: 3900

Ion	Ratio	Lower	Upper
43	100		
58	0.0	12.3	52.3#

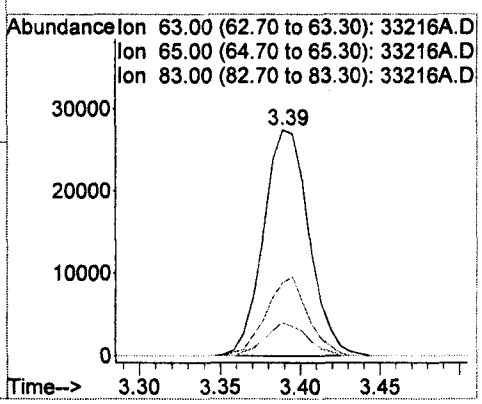


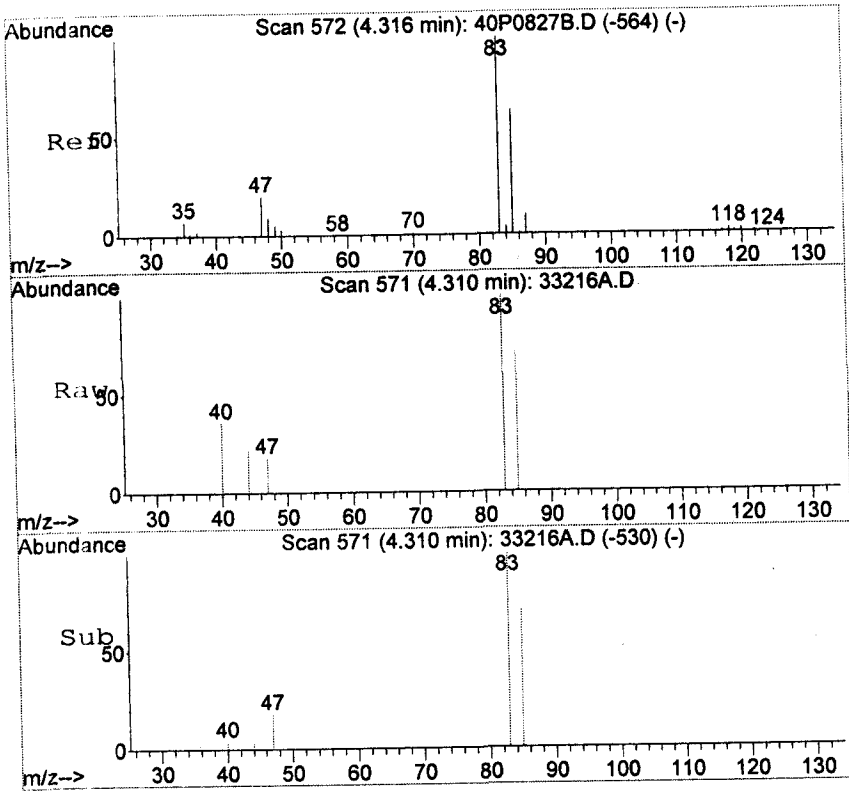


#21
1,1-dichloroethane
Concen: 8.19 ug/L
RT: 3.39 min Scan# 420
Delta R.T. 0.00 min
Lab File: 33216A.D
Acq: 29 Dec 2010 14:06

Tgt Ion: 63 Resp: 54277

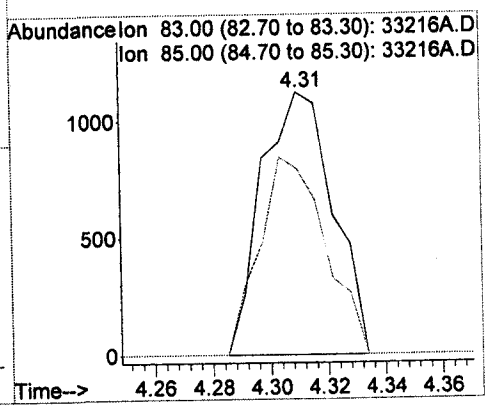
Ion	Ratio	Lower	Upper
63	100		
65	32.0	12.1	52.1
83	13.6	0.0	34.2

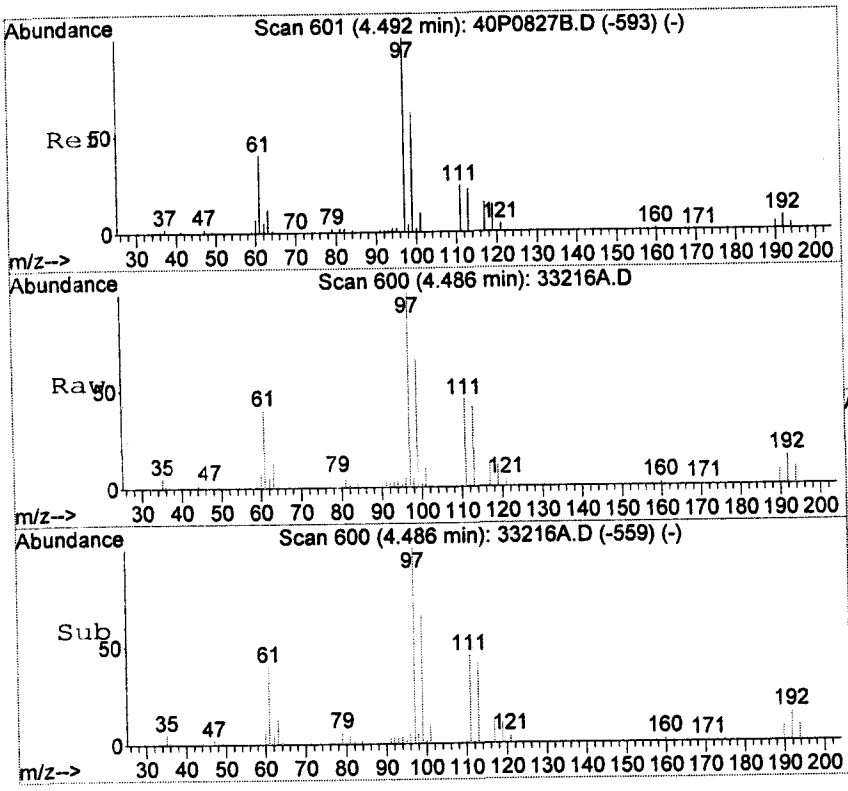




#27
chloroform
Concen: 0.26 ug/L
RT: 4.31 min Scan# 571
Delta R.T. 0.00 min
Lab File: 33216A.D
Acq: 29 Dec 2010 14:06

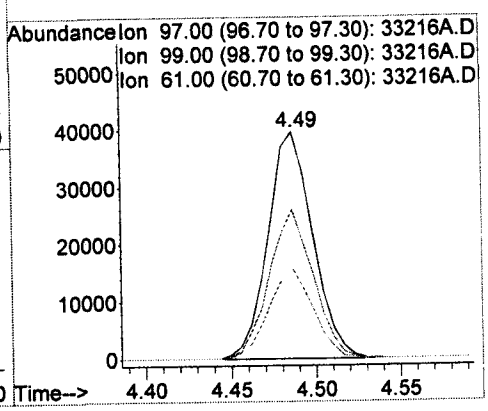
Tgt Ion: 83	Resp:	1928
Ion	Ratio	Lower	Upper
83	100		
85	0.0	44.9	84.9#





#29
1,1,1-trichloroethane
Concen: 10.86 ug/L
RT: 4.49 min Scan# 600
Delta R.T. 0.00 min
Lab File: 33216A.D
Acq: 29 Dec 2010 14:06

Tgt Ion: 97	Resp:	72910
Ion	Ratio	Lower	Upper
97	100		
99	64.8	45.0	85.0
61	39.6	16.2	56.2



ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-7

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-17 File ID: 33217.D

Sampled: 12/20/10 08:35 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 14:22

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
67-64-1	Acetone	1	5.0	2.1	5.0	U
71-43-2	Benzene	1	1.0	0.18	1.0	U
108-86-1	Bromobenzene	1	1.0	0.19	1.0	U
74-97-5	Bromochloromethane	1	1.0	0.18	1.0	U
75-27-4	Bromodichloromethane	1	1.0	0.13	1.0	U
75-25-2	Bromoform	1	1.0	0.15	1.0	U
74-83-9	Bromomethane	1	1.0	0.18	1.0	U
104-51-8	n-Butylbenzene	1	1.0	0.18	1.0	U
135-98-8	sec-Butylbenzene	1	1.0	0.18	1.0	U
98-06-6	tert-Butylbenzene	1	1.0	0.15	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	0.13	1.0	U
108-90-7	Chlorobenzene	1	1.0	0.19	1.0	U
75-00-3	Chloroethane	1	1.0	0.15	1.0	U
67-66-3	Chloroform	1	0.21	0.17	1.0	J
74-87-3	Chloromethane	1	1.0	0.16	1.0	U
95-49-8	2-Chlorotoluene	1	1.0	0.16	1.0	U
106-43-4	4-Chlorotoluene	1	1.0	0.12	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	0.40	1.0	U
124-48-1	Dibromochloromethane	1	1.0	0.14	1.0	U
106-93-4	1,2-Dibromoethane	1	1.0	0.22	1.0	U
74-95-3	Dibromomethane	1	1.0	0.23	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	0.12	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	0.13	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	0.12	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	0.21	1.0	U
75-34-3	1,1-Dichloroethane	1	0.32	0.13	1.0	J
107-06-2	1,2-Dichloroethane	1	1.0	0.13	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	0.13	1.0	
156-59-2	cis-1,2-Dichloroethene	1	1.0	0.23	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	0.20	1.0	U
78-87-5	1,2-Dichloropropane	1	1.0	0.15	1.0	U
142-28-9	1,3-Dichloropropane	1	1.0	0.14	1.0	U
594-20-7	2,2-Dichloropropane	1	1.0	0.18	1.0	U

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-7

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-17 File ID: 33217.D

Sampled: 12/20/10 08:35 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 14:22

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
563-58-6	1,1-Dichloropropene	1	1.0	0.25	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	0.25	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	0.23	1.0	U
100-41-4	Ethylbenzene	1	1.0	0.14	1.0	U
87-68-3	Hexachlorobutadiene	1	1.0	0.28	1.0	U
98-82-8	Isopropylbenzene	1	1.0	0.15	1.0	U
99-87-6	4-Isopropyltoluene	1	1.0	0.29	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	0.28	1.0	U
75-09-2	Methylene Chloride	1	1.0	0.26	1.0	U
78-93-3	2-Butanone (MEK)	1	5.0	0.55	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	0.28	5.0	U
91-20-3	Naphthalene	1	5.0	0.37	5.0	U
103-65-1	n-Propylbenzene	1	1.0	0.15	1.0	U
100-42-5	Styrene	1	1.0	0.11	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1	1.0	0.16	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	0.070	1.0	U
127-18-4	Tetrachloroethene	1	1.0	0.16	1.0	U
108-88-3	Toluene	1	1.0	0.16	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1	1.0	0.18	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	0.16	1.0	U
71-55-6	1,1,1-Trichloroethane	1	1.0	0.19	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	0.18	1.0	U
79-01-6	Trichloroethene	1	1.0	0.092	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	0.20	1.0	U
96-18-4	1,2,3-Trichloropropane	1	1.0	0.28	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1	1.0	0.16	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1	1.0	0.18	1.0	U
75-01-4	Vinyl Chloride	1	1.0	0.10	1.0	U
136777-61-2	Xylene, Meta + Para	1	2.0	0.28	2.0	U
95-47-6	Xylene, Ortho	1	1.0	0.14	1.0	U

System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
Dibromofluoromethane	40.0	40.0	100	88 - 116	

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-7

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-17 File ID: 33217.D

Sampled: 12/20/10 08:35 Prepared: 12/28/10 08:00 Analyzed: 12/28/10 14:22

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
1,2-Dichloroethane-d4	40.0	41.8	105	87 - 123	
Toluene-d8	40.0	37.8	95	91 - 107	
4-Bromofluorobenzene	40.0	39.4	98	84 - 106	

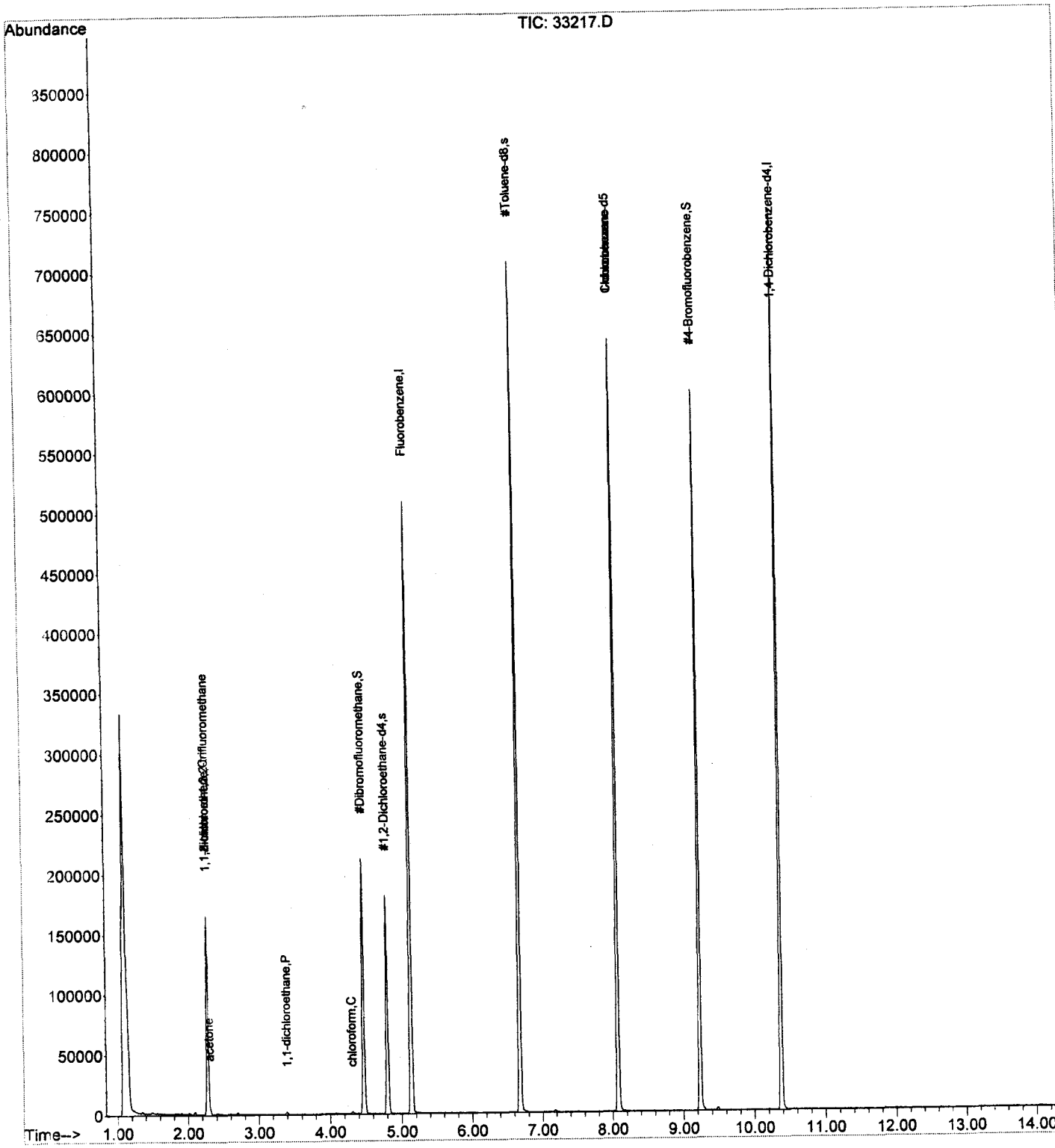
Internal Standard	Area	RT	Ref. Area	Ref. RT	Q
Fluorobenzene	433647	5.13	495489	5.13	
Chlorobenzene-d5	369242	8.08	453134	8.08	
1,4-Dichlorobenzene-d4	218619	10.38	273742	10.38	

* Values outside of QC limits

Quantitation Report (Not Edited)

Data Path : C:\MSDCHEM\1\DATA\12-28-10\
InstName : 224
Data File : 33217.D
Acq On : 28 Dec 2010 14:22
Operator : DLV
Sample : 1012332-17
Misc : MWH
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 28 14:37:08 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration



Quantitation Report (Not Edited)

Data Path : C:\MSDCHEM\1\DATA\12-28-10\
InstName : 224
Data File : 33217.D
Acq On : 28 Dec 2010 14:22
Operator : DLV
Sample : 1012332-17
Misc : MWH
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 28 14:37:08 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

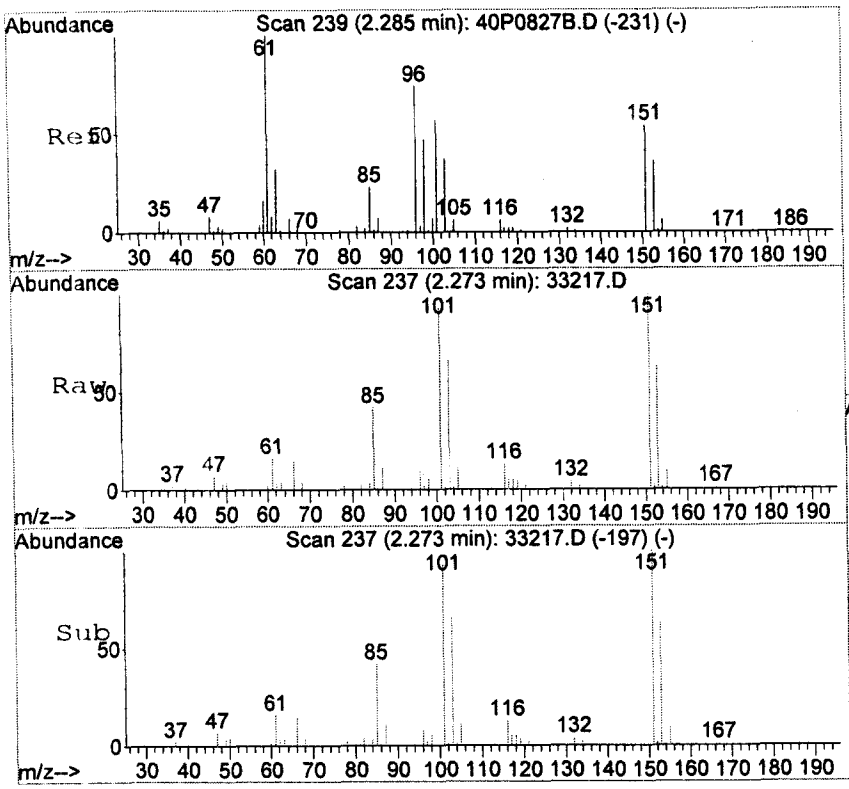
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	433647	40.00	ug/L	0.00 87.52%
50) Chlorobenzene-d5	8.08	117	369242	40.00	ug/L	0.00 81.49%
65) 1,4-Dichlorobenzene-d4	10.38	152	218619	40.00	ug/L	0.00 79.86%
System Monitoring Compounds						
30) #Dibromofluoromethane	4.47	111	114772	40.05	ug/L	0.00
Spiked Amount 40.000			Recovery =	100.13%		
37) #1,2-Dichloroethane-d4	4.80	65	118500	41.83	ug/L	0.00
Spiked Amount 40.000			Recovery =	104.57%		
46) #Toluene-d8	6.67	98	428672	37.82	ug/L	0.00
Spiked Amount 40.000			Recovery =	94.55%		
64) #4-Bromofluorobenzene	9.23	95	174230	39.35	ug/L	0.00
Spiked Amount 40.000			Recovery =	98.38%		
Target Compounds						Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.		
3) chloromethane	0.00	50	0	N.D.		
4) vinyl chloride	0.00	62	0	N.D.		
5) dichlorofluoromethane	0.00	67	0	N.D.		
6) bromomethane	0.00	94	0	N.D.		
7) chloroethane	0.00	64	0	N.D.		
8) trichlorofluoromethane	0.00	101	0	N.D.		
9) acrolein	0.00	56	0	N.D.		
10) ethyl ether	0.00	74	0	N.D.		
11) acrylonitrile	0.00	53	0	N.D.		
12) 1,1,2-trichloro-1,2,2-trif	2.27	101	49963	14.95	ug/L	99
13) 1,1-dichloroethene	2.27	96	4039	1.01	ug/L	88
14) iodomethane	0.00	142	0	N.D.		
15) acetone	2.31	43	3047	1.80	ug/L #	42
16) methyl acetate	0.00	43	0	N.D.		
17) carbon disulfide	0.00	76	0	N.D.		
18) methylene chloride	0.00	49	0	N.D.		
19) trans-1,2-dichloroethene	0.00	96	0	N.D.		
20) methyl (tert) butyl ethe	0.00	73	0	N.D.		
21) 1,1-dichloroethane	3.39	63	2285	0.32	ug/L #	49
22) vinyl acetate	0.00	43	0	N.D.		
23) 2,2-dichloropropane	0.00	77	0	N.D.		
24) cis-1,2-dichloroethene	0.00	96	0	N.D.		
25) 2-butanone (MEK)	0.00	43	0	N.D.		
26) bromochloromethane	0.00	49	0	N.D.		
27) chloroform	4.30	83	1699	0.21	ug/L #	18
28) tetrahydrofuran	0.00	71	0	N.D.		
29) 1,1,1-trichloroethane	0.00	97	0	N.D.		
31) carbon tetrachloride	0.00	117	0	N.D.		
32) 1,1-dichloropropene	0.00	75	0	N.D.		
33) cyclohexane	0.00	56	0	N.D.		
34) benzene	0.00	78	0	N.D.		
35) 1,2-dichloroethane	0.00	62	0	N.D.		
36) heptane	5.13	57	11821	No Calib	#	

Data Path : C:\MSDCHEM\1\DATA\12-28-10\
InstName : 224
Data File : 33217.D
Acq On : 28 Dec 2010 14:22
Operator : DLV
Sample : 1012332-17
Misc : MWH
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 28 14:37:08 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
38) trichloroethene	0.00	130	0	N.D.		
39) 1,2-dichloropropane	0.00	63	0	N.D.		
40) dibromomethane	0.00	93	0	N.D.		
41) bromodichloromethane	0.00	83	0	N.D.		
42) methylcyclohexane	0.00	83	0	N.D.		
43) 2-chloroethyl vinyl ethe	0.00	63	0	N.D.		
44) cis-1,3-dichloropropene	0.00	75	0	N.D.		
45) 4-methyl-2-pentanone (MI	0.00	43	0	N.D.		
47) toluene	0.00	91	0	N.D.		
48) trans-1,3-dichloropropen	0.00	75	0	N.D.		
49) 1,1,2-trichloroethane	0.00	83	0	N.D.		
51) tetrachloroethene	0.00	166	0	N.D.		
52) 1,3-dichloropropane	0.00	76	0	N.D.		
53) 2-hexanone (MBK)	0.00	43	0	N.D.		
54) dibromochloromethane	0.00	129	0	N.D.		
55) 1,2-dibromoethane	0.00	109	0	N.D.		
56) chlorobenzene	0.00	112	0	N.D.		
57) 1,1,1,2-tetrachloroethan	0.00	131	0	N.D.		
58) 1-chlorohexane	8.08	55	2713	0.07	ug/L #	1
59) ethylbenzene	0.00	91	0	N.D.		
60) m+p-xylene	0.00	106	0	N.D.		
61) o-xylene	0.00	106	0	N.D.		
62) styrene	0.00	104	0	N.D.		
63) bromoform	0.00	173	0	N.D.		
66) isopropylbenzene	0.00	105	0	N.D.		
67) bromobenzene	0.00	77	0	N.D.		
68) 1,1,2,2-tetrachloroethan	0.00	83	0	N.D.		
69) 1,4-dichloro-2-butene	0.00	53	0	N.D.		
70) 1,2,3-trichloropropane	0.00	75	0	N.D.		
71) n-propylbenzene	0.00	120	0	N.D.		
72) 2-chlorotoluene	0.00	126	0	N.D.		
73) 1,3,5-trimethylbenzene	0.00	105	0	N.D.		
74) 4-chlorotoluene	0.00	126	0	N.D.		
75) tert-butylbenzene	0.00	119	0	N.D.		
76) 1,2,4-trimethylbenzene	0.00	105	0	N.D.		
77) sec-butylbenzene	0.00	105	0	N.D.		
78) 4-isopropyltoluene	0.00	119	0	N.D.		
79) 1,3-dichlorobenzene	0.00	146	0	N.D.		
80) 1,4-dichlorobenzene	0.00	146	0	N.D.		
81) 1,2-dichlorobenzene	0.00	146	0	N.D.		
82) n-butylbenzene	0.00	91	0	N.D.		
83) 1,2-dibromo-3-chloroprop	0.00	157	0	N.D.		
84) hexachloroethane	0.00	201	0	N.D.		
85) 1,2,4-trichlorobenzene	0.00	180	0	N.D.		
86) hexachlorobutadiene	0.00	225	0	N.D.		
87) naphthalene	0.00	128	0	N.D.		
88) 1,2,3-trichlorobenzene	0.00	180	0	N.D.		
89) 2-methylnaphthalene	0.00	142	0	N.D.		

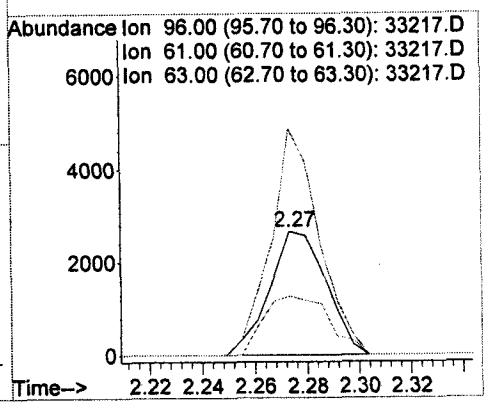
(#) = qualifier out of range (m) = manual integration (+) = signals summed

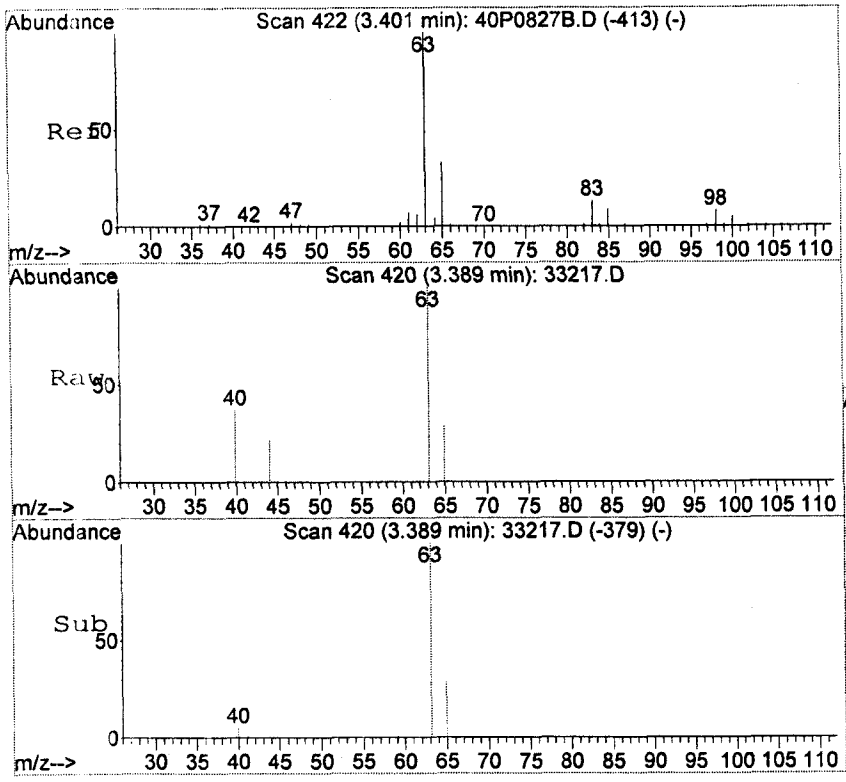


#13
1,1-dichloroethene
Concen: 1.01 ug/L
RT: 2.27 min Scan# 237
Delta R.T. -0.01 min
Lab File: 33217.D
Acq: 28 Dec 2010 14:22

Tgt Ion: 96 Resp: 4039

Ion	Ratio	Lower	Upper
96	100		
61	155.8	122.3	162.3
63	54.7	25.8	65.8

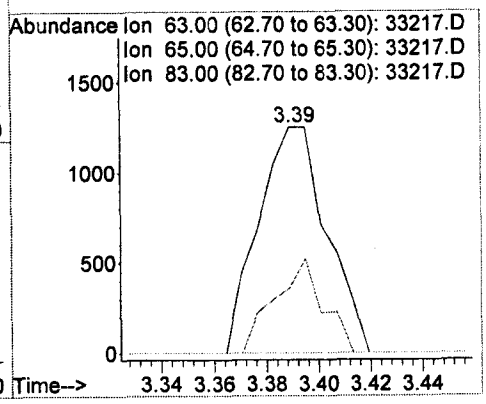


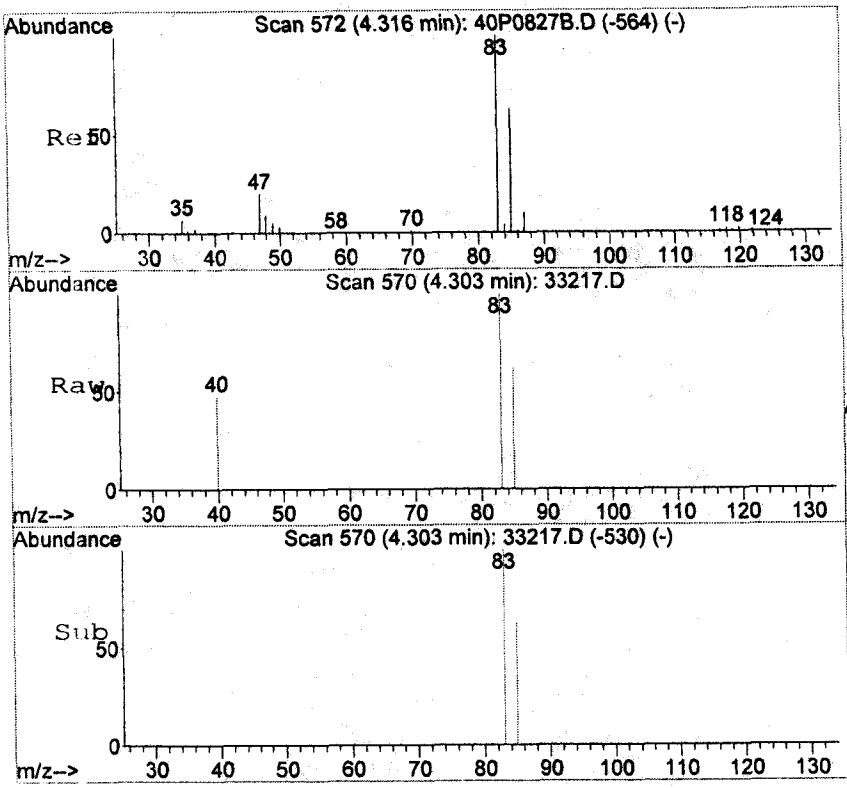


#21
1,1-dichloroethane
Concen: 0.32 ug/L
RT: 3.39 min Scan# 420
Delta R.T. -0.00 min
Lab File: 33217.D
Acq: 28 Dec 2010 14:22

Tgt Ion: 63 Resp: 2285

Ion	Ratio	Lower	Upper
63	100		
65	0.0	12.1	52.1#
83	0.0	0.0	34.2

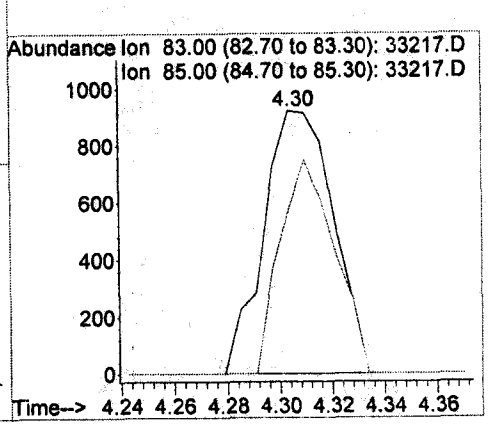




#27
chloroform
Concen: 0.21 ug/L
RT: 4.30 min Scan# 570
Delta R.T. -0.01 min
Lab File: 33217.D
Acq: 28 Dec 2010 14:22

Tgt Ion: 83 Resp: 1699

Ion	Ratio	Lower	Upper
83	100		
85	0.0	44.9	84.9#



ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-10A

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-18 File ID: 33218A.D

Sampled: 12/20/10 09:35 Prepared: 12/29/10 09:00 Analyzed: 12/29/10 14:43

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21015 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
67-64-1	Acetone	2	13	4.2	10	
71-43-2	Benzene	2	2.0	0.35	2.0	U
108-86-1	Bromobenzene	2	2.0	0.39	2.0	U
74-97-5	Bromochloromethane	2	2.0	0.35	2.0	U
75-27-4	Bromodichloromethane	2	2.0	0.27	2.0	U
75-25-2	Bromoform	2	2.0	0.30	2.0	U
74-83-9	Bromomethane	2	2.0	0.35	2.0	U
104-51-8	n-Butylbenzene	2	2.0	0.36	2.0	U
135-98-8	sec-Butylbenzene	2	2.0	0.35	2.0	U
98-06-6	tert-Butylbenzene	2	2.0	0.31	2.0	U
56-23-5	Carbon Tetrachloride	2	2.0	0.26	2.0	U
108-90-7	Chlorobenzene	2	2.0	0.38	2.0	U
75-00-3	Chloroethane	2	2.0	0.30	2.0	U
67-66-3	Chloroform	2	0.42	0.34	2.0	J
74-87-3	Chloromethane	2	2.0	0.32	2.0	U
95-49-8	2-Chlorotoluene	2	2.0	0.33	2.0	U
106-43-4	4-Chlorotoluene	2	2.0	0.24	2.0	U
96-12-8	1,2-Dibromo-3-chloropropane	2	2.0	0.79	2.0	U
124-48-1	Dibromochloromethane	2	2.0	0.28	2.0	U
106-93-4	1,2-Dibromoethane	2	2.0	0.43	2.0	U
74-95-3	Dibromomethane	2	2.0	0.45	2.0	U
95-50-1	1,2-Dichlorobenzene	2	2.0	0.25	2.0	U
541-73-1	1,3-Dichlorobenzene	2	2.0	0.25	2.0	U
106-46-7	1,4-Dichlorobenzene	2	2.0	0.24	2.0	U
75-71-8	Dichlorodifluoromethane	2	2.0	0.42	2.0	U
75-34-3	1,1-Dichloroethane	2	7.6	0.26	2.0	
107-06-2	1,2-Dichloroethane	2	1.3	0.25	2.0	J
75-35-4	1,1-Dichloroethene	2	200	0.26	2.0	
156-59-2	cis-1,2-Dichloroethene	2	2.0	0.47	2.0	U
156-60-5	trans-1,2-Dichloroethene	2	2.0	0.40	2.0	U
78-87-5	1,2-Dichloropropane	2	2.0	0.29	2.0	U
142-28-9	1,3-Dichloropropane	2	2.0	0.28	2.0	U
594-20-7	2,2-Dichloropropane	2	2.0	0.35	2.0	U

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-10A

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-18 File ID: 33218A.D

Sampled: 12/20/10 09:35 Prepared: 12/29/10 09:00 Analyzed: 12/29/10 14:43

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21015 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
563-58-6	1,1-Dichloropropene	2	2.0	0.49	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2	2.0	0.51	2.0	U
10061-02-6	trans-1,3-Dichloropropene	2	2.0	0.47	2.0	U
100-41-4	Ethylbenzene	2	2.0	0.29	2.0	U
87-68-3	Hexachlorobutadiene	2	2.0	0.56	2.0	U
98-82-8	Isopropylbenzene	2	2.0	0.30	2.0	U
99-87-6	4-Isopropyltoluene	2	2.0	0.58	2.0	U
1634-04-4	Methyl tert-Butyl Ether	2	2.0	0.56	2.0	U
75-09-2	Methylene Chloride	2	0.80	0.53	2.0	J
78-93-3	2-Butanone (MEK)	2	5.9	1.1	10	J
108-10-1	4-Methyl-2-pentanone (MIBK)	2	10	0.55	10	U
91-20-3	Naphthalene	2	10	0.74	10	U
103-65-1	n-Propylbenzene	2	2.0	0.30	2.0	U
100-42-5	Styrene	2	2.0	0.23	2.0	U
630-20-6	1,1,1,2-Tetrachloroethane	2	2.0	0.31	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2	2.0	0.14	2.0	U
127-18-4	Tetrachloroethene	2	2.0	0.31	2.0	U
108-88-3	Toluene	2	2.0	0.32	2.0	U
87-61-6	1,2,3-Trichlorobenzene	2	2.0	0.36	2.0	U
120-82-1	1,2,4-Trichlorobenzene	2	2.0	0.33	2.0	U
71-55-6	1,1,1-Trichloroethane	2	2.0	0.39	2.0	U
79-00-5	1,1,2-Trichloroethane	2	2.0	0.37	2.0	U
79-01-6	Trichloroethene	2	2.0	0.18	2.0	U
75-69-4	Trichlorofluoromethane	2	0.64	0.39	2.0	J
96-18-4	1,2,3-Trichloropropane	2	2.0	0.55	2.0	U
95-63-6	1,2,4-Trimethylbenzene	2	2.0	0.33	2.0	U
108-67-8	1,3,5-Trimethylbenzene	2	2.0	0.36	2.0	U
75-01-4	Vinyl Chloride	2	2.0	0.20	2.0	U
136777-61-2	Xylene, Meta + Para	2	4.0	0.56	4.0	U
95-47-6	Xylene, Ortho	2	2.0	0.28	2.0	U

System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
Dibromofluoromethane	40.0	39.5	99	88 - 116	

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

P-10A

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-18 File ID: 33218A.D

Sampled: 12/20/10 09:35 Prepared: 12/29/10 09:00 Analyzed: 12/29/10 14:43

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21015 Calibration: 0L28007 Instrument: 224

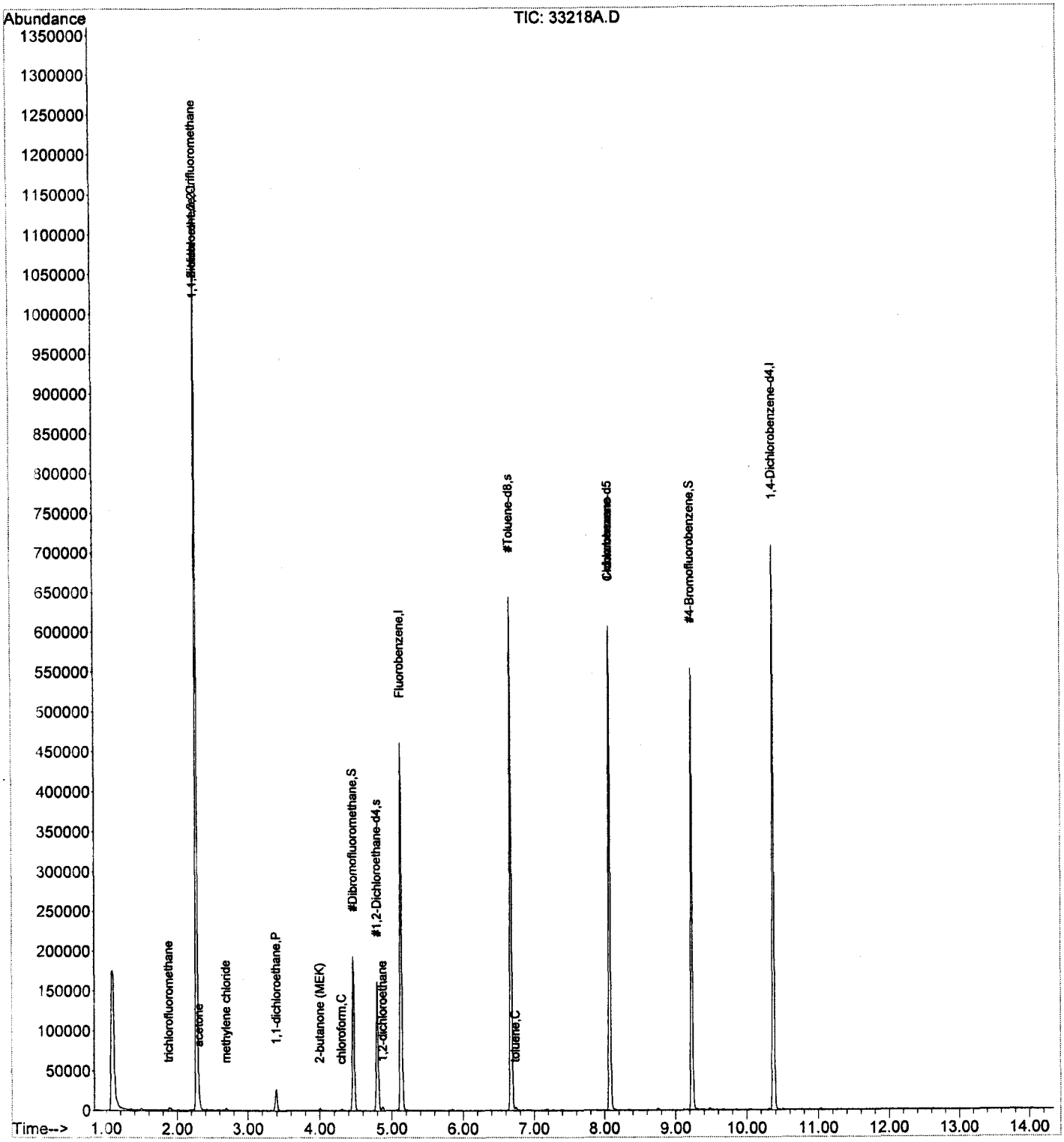
System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
1,2-Dichloroethane-d4	40.0	43.4	108	87 - 123	
Toluene-d8	40.0	38.2	95	91 - 107	
4-Bromofluorobenzene	40.0	39.2	98	84 - 106	

Internal Standard	Area	RT	Ref. Area	Ref. RT	Q
Fluorobenzene	392843	5.13	495489	5.13	
Chlorobenzene-d5	342706	8.08	453134	8.08	
1,4-Dichlorobenzene-d4	205204	10.38	273742	10.38	

* Values outside of QC limits

Data Path : C:\MSDCHEM\1\DATA\12-29-10\
InstName : 224
Data File : 33218A.D
Acq On : 29 Dec 2010 14:43
Operator : DLV
Sample : 1012332-18
Misc : MWH 2x = 25mL:50mL
ALS Vial : 7 Sample Multiplier: 2

Quant Time: Dec 29 14:59:06 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration



Quantitation Report (Not Edited)

Data Path : C:\MSDCHEM\1\DATA\12-29-10\
InstName : 224
Data File : 33218A.D
Acq On : 29 Dec 2010 14:43
Operator : DLV
Sample : 1012332-18
Misc : MWH 2x = 25mL:50mL
ALS Vial : 7 Sample Multiplier: 2

Quant Time: Dec 29 14:59:06 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

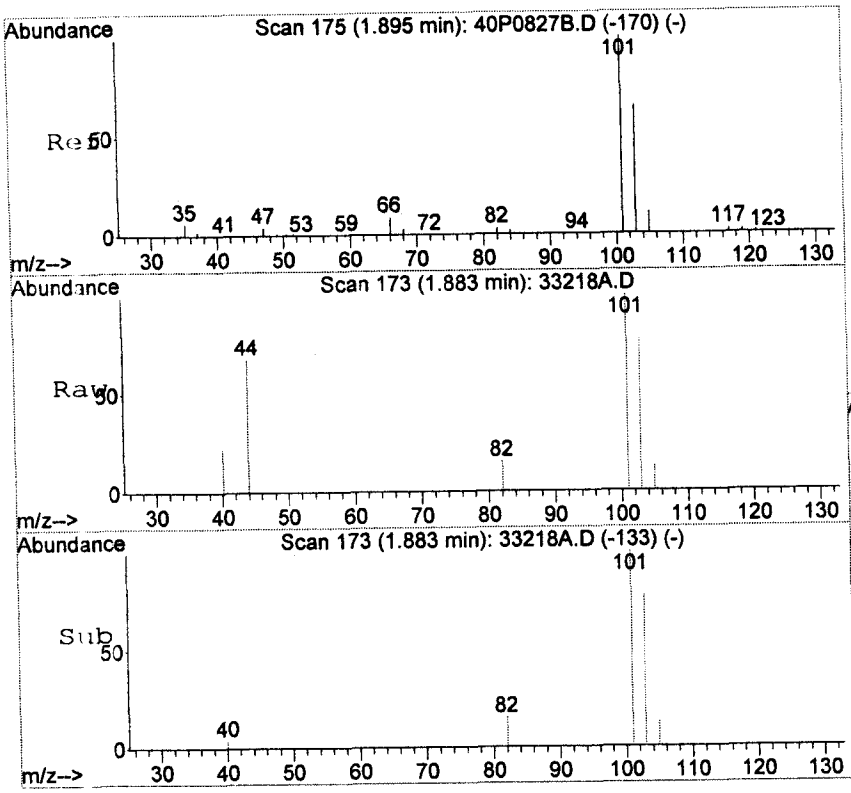
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	392843	40.00 ug/L	0.00 79.28%
50) Chlorobenzene-d5	8.08	117	342706	40.00 ug/L	0.00 75.63%
65) 1,4-Dichlorobenzene-d4	10.38	152	205204	40.00 ug/L	0.00 74.96%
System Monitoring Compounds					
30) #Dibromofluoromethane	4.47	111	102647	39.54 ug/L	0.00
Spiked Amount 40.000			Recovery =	98.85%	
37) #1,2-Dichloroethane-d4	4.80	65	111383	43.40 ug/L	0.00
Spiked Amount 40.000			Recovery =	108.50%	
46) #Toluene-d8	6.67	98	391657	38.15 ug/L	0.00
Spiked Amount 40.000			Recovery =	95.38%	
64) #4-Bromofluorobenzene	9.23	95	161125	39.21 ug/L	0.00
Spiked Amount 40.000			Recovery =	98.03%	
Target Compounds					Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.	
3) chloromethane	0.00	50	0	N.D.	
4) vinyl chloride	0.00	62	0	N.D.	
5) dichlorofluoromethane	0.00	67	0	N.D.	
6) bromomethane	0.00	94	0	N.D.	
7) chloroethane	0.00	64	0	N.D.	
8) trichlorofluoromethane	1.88	101	2119	0.32 ug/L #	25
9) acrolein	0.00	56	0	N.D.	
10) ethyl ether	0.00	74	0	N.D.	
11) acrylonitrile	0.00	53	0	N.D.	
12) 1,1,2-trichloro-1,2,2-trif	2.27	101	8843	2.92 ug/L	88
13) 1,1-dichloroethene	2.28	96	369584	102.14 ug/L	96
14) iodomethane	0.00	142	0	N.D.	
15) acetone	2.32	43	5975	6.42 ug/L #	42
16) methyl acetate	0.00	43	0	N.D.	
17) carbon disulfide	0.00	76	0	N.D.	
18) methylene chloride	2.69	49	1622	0.40 ug/L #	7
19) trans-1,2-dichloroethene	0.00	96	0	N.D.	
20) methyl (tert) butyl ethe	0.00	73	0	N.D.	
21) 1,1-dichloroethane	3.39	63	24721	3.79 ug/L	99
22) vinyl acetate	0.00	43	0	N.D.	
23) 2,2-dichloropropane	0.00	77	0	N.D.	
24) cis-1,2-dichloroethene	0.00	96	0	N.D.	
25) 2-butanone (MEK)	4.00	43	3432	2.93 ug/L #	41
26) bromochloromethane	0.00	49	0	N.D.	
27) chloroform	4.30	83	1506	0.21 ug/L #	18
28) tetrahydrofuran	0.00	71	0	N.D.	
29) 1,1,1-trichloroethane	0.00	97	0	N.D.	
31) carbon tetrachloride	0.00	117	0	N.D.	
32) 1,1-dichloropropene	0.00	75	0	N.D.	
33) cyclohexane	0.00	56	0	N.D.	
34) benzene	0.00	78	0	N.D.	
35) 1,2-dichloroethane	4.88	62	3445	0.65 ug/L #	72
36) heptane	5.13	57	10470	No Calib #	

Data Path : C:\MSDCHEM\1\DATA\12-29-10\
InstName : 224
Data File : 33218A.D
Acq On : 29 Dec 2010 14:43
Operator : DLV
Sample : 1012332-18
Misc : MWH 2x = 25mL:50mL
ALS Vial : 7 Sample Multiplier: 2

Quant Time: Dec 29 14:59:06 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

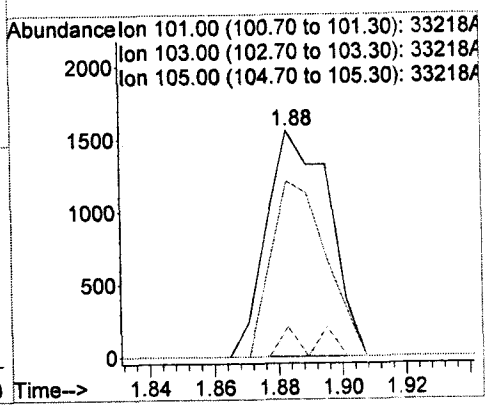
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
38) trichloroethene	0.00	130	0	N.D.		
39) 1,2-dichloropropane	0.00	63	0	N.D.		
40) dibromomethane	0.00	93	0	N.D.		
41) bromodichloromethane	0.00	83	0	N.D.		
42) methylcyclohexane	0.00	83	0	N.D.		
43) 2-chloroethyl vinyl ethe	0.00	63	0	N.D.		
44) cis-1,3-dichloropropene	0.00	75	0	N.D.		
45) 4-methyl-2-pentanone (MI	0.00	43	0	N.D.		
47) toluene	6.74	91	2334	0.13	ug/L #	20
48) trans-1,3-dichloropropen	0.00	75	0	N.D.		
49) 1,1,2-trichloroethane	0.00	83	0	N.D.		
51) tetrachloroethene	0.00	166	0	N.D.		
52) 1,3-dichloropropane	0.00	76	0	N.D.		
53) 2-hexanone (MBK)	0.00	43	0	N.D.		
54) dibromochloromethane	0.00	129	0	N.D.		
55) 1,2-dibromoethane	0.00	109	0	N.D.		
56) chlorobenzene	0.00	112	0	N.D.		
57) 1,1,1,2-tetrachloroethan	0.00	131	0	N.D.		
58) 1-chlorohexane	8.07	55	2611	0.10	ug/L #	1
59) ethylbenzene	0.00	91	0	N.D.		
60) m+p-xylene	0.00	106	0	N.D.		
61) o-xylene	0.00	106	0	N.D.		
62) styrene	0.00	104	0	N.D.		
63) bromoform	0.00	173	0	N.D.		
66) isopropylbenzene	0.00	105	0	N.D.		
67) bromobenzene	0.00	77	0	N.D.		
68) 1,1,2,2-tetrachloroethan	0.00	83	0	N.D.		
69) 1,4-dichloro-2-butene	0.00	53	0	N.D.		
70) 1,2,3-trichloropropane	0.00	75	0	N.D.		
71) n-propylbenzene	0.00	120	0	N.D.		
72) 2-chlorotoluene	0.00	126	0	N.D.		
73) 1,3,5-trimethylbenzene	0.00	105	0	N.D.		
74) 4-chlorotoluene	0.00	126	0	N.D.		
75) tert-butylbenzene	0.00	119	0	N.D.		
76) 1,2,4-trimethylbenzene	0.00	105	0	N.D.		
77) sec-butylbenzene	0.00	105	0	N.D.		
78) 4-isopropyltoluene	0.00	119	0	N.D.		
79) 1,3-dichlorobenzene	0.00	146	0	N.D.		
80) 1,4-dichlorobenzene	0.00	146	0	N.D.		
81) 1,2-dichlorobenzene	0.00	146	0	N.D.		
82) n-butylbenzene	0.00	91	0	N.D.		
83) 1,2-dibromo-3-chloroprop	0.00	157	0	N.D.		
84) hexachloroethane	0.00	201	0	N.D.		
85) 1,2,4-trichlorobenzene	0.00	180	0	N.D.		
86) hexachlorobutadiene	0.00	225	0	N.D.		
87) naphthalene	0.00	128	0	N.D.		
88) 1,2,3-trichlorobenzene	0.00	180	0	N.D.		
89) 2-methylnaphthalene	0.00	142	0	N.D.		

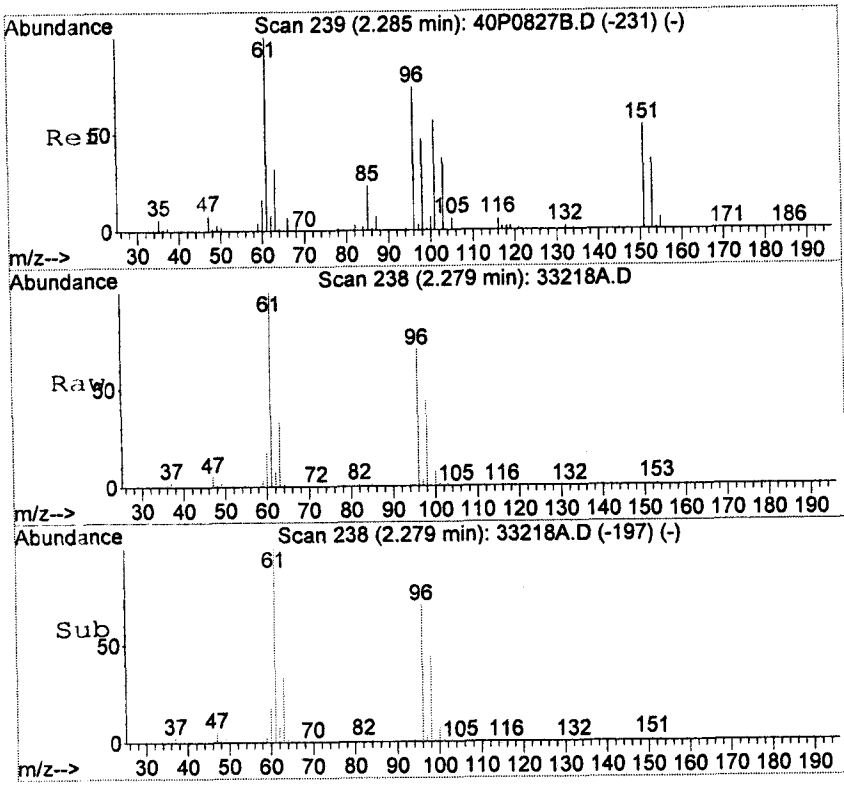
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#8
trichlorofluoromethane
Concen: 0.32 ug/L
RT: 1.88 min Scan# 173
Delta R.T. -0.01 min
Lab File: 33218A.D
Acq: 29 Dec 2010 14:43

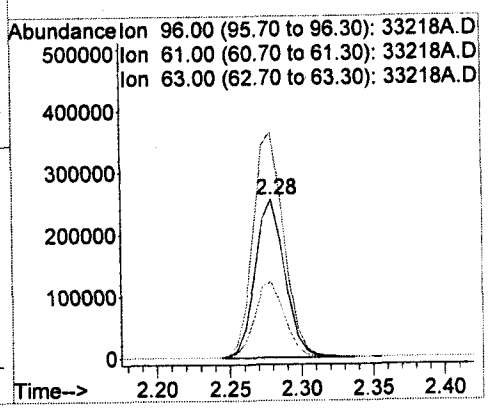
Tgt Ion:101	Resp:	2119
Ion	Ratio	Lower	Upper
101	100		
103	0.0	45.2	85.2#
105	0.0	0.0	30.5

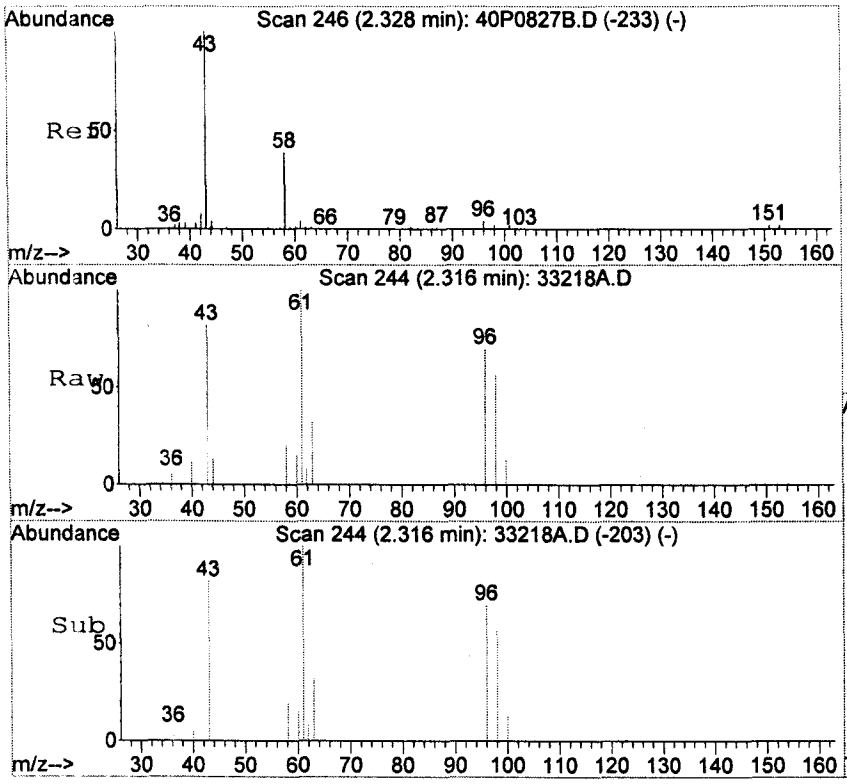




#13
1,1-dichloroethene
Concen: 102.14 ug/L
RT: 2.28 min Scan# 238
Delta R.T. -0.00 min
Lab File: 33218A.D
Acq: 29 Dec 2010 14:43

Tgt Ion: 96	Resp:	369584
Ion	Ratio	Lower	Upper
96	100		
61	147.9	122.3	162.3
63	48.5	25.8	65.8

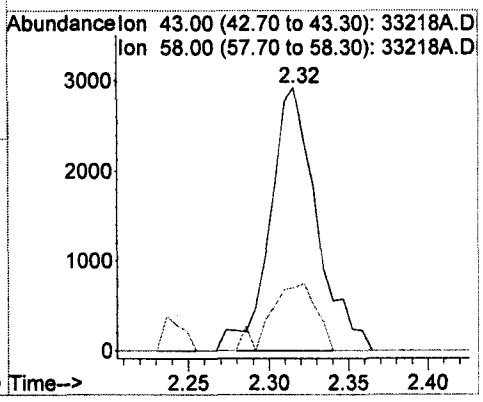


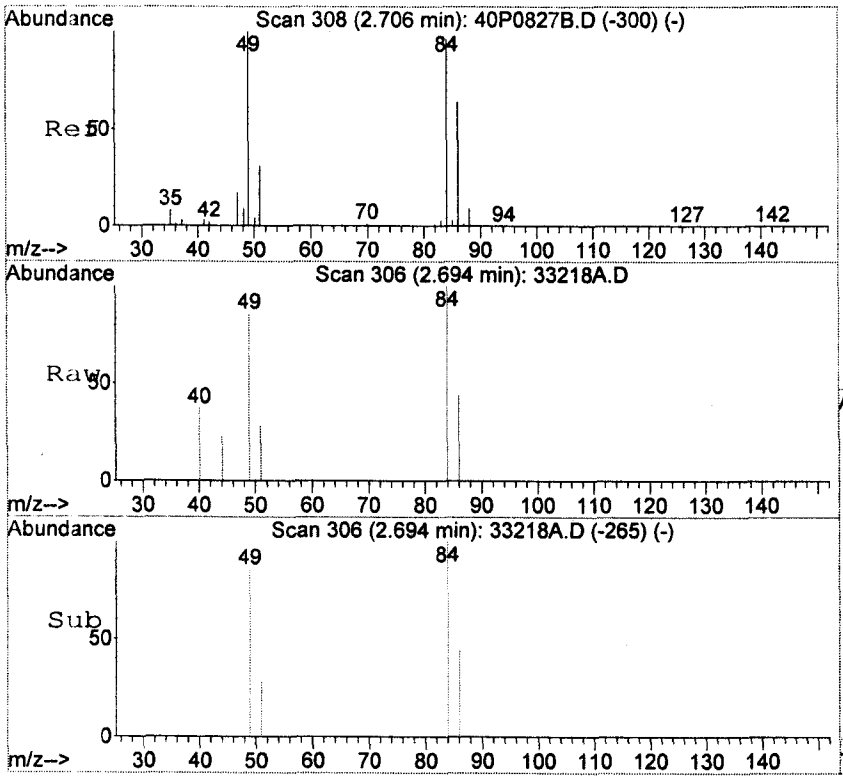


#15
acetone
Concen: 6.42 ug/L
RT: 2.32 min Scan# 244
Delta R.T. 0.00 min
Lab File: 33218A.D
Acq: 29 Dec 2010 14:43

Tgt Ion: 43 Resp: 5975

Ion	Ratio	Lower	Upper
43	100		
58	0.0	12.3	52.3#

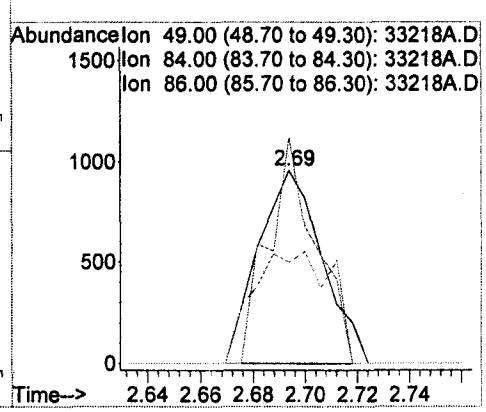


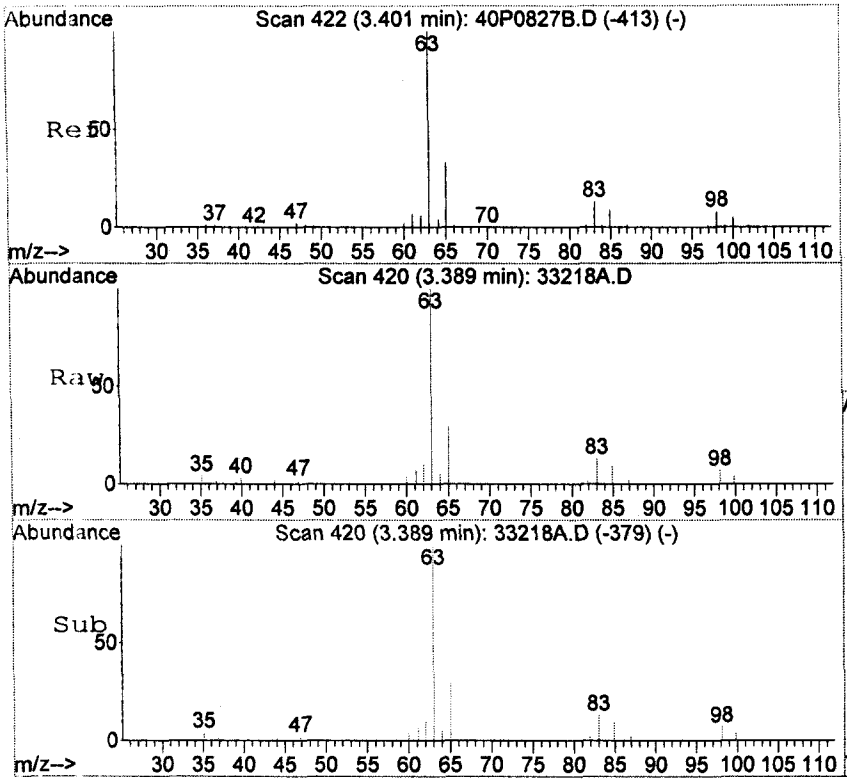


#18
methylene chloride
Concen: 0.40 ug/L
RT: 2.69 min Scan# 306
Delta R.T. -0.00 min
Lab File: 33218A.D
Acq: 29 Dec 2010 14:43

Tgt Ion: 49 Resp: 1622

Ion	Ratio	Lower	Upper
49	100		
84	0.0	80.3	120.3#
86	0.0	45.5	85.5#

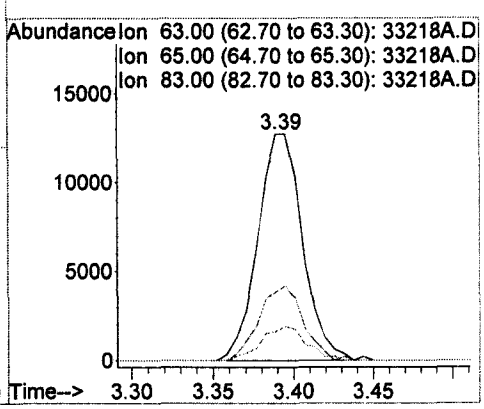


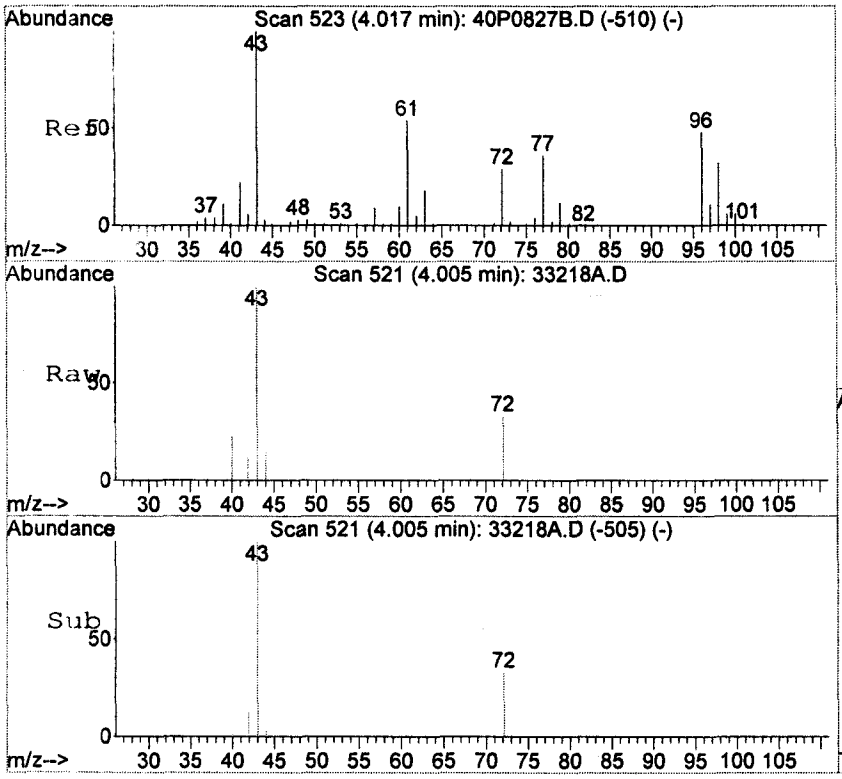


#21
1,1-dichloroethane
Concen: 3.79 ug/L
RT: 3.39 min Scan# 420
Delta R.T. -0.00 min
Lab File: 33218A.D
Acq: 29 Dec 2010 14:43

Tgt Ion: 63 Resp: 24721

Ion	Ratio	Lower	Upper
63	100		
65	32.6	12.1	52.1
83	15.2	0.0	34.2

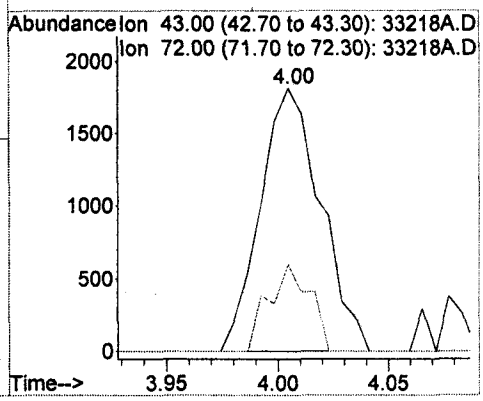


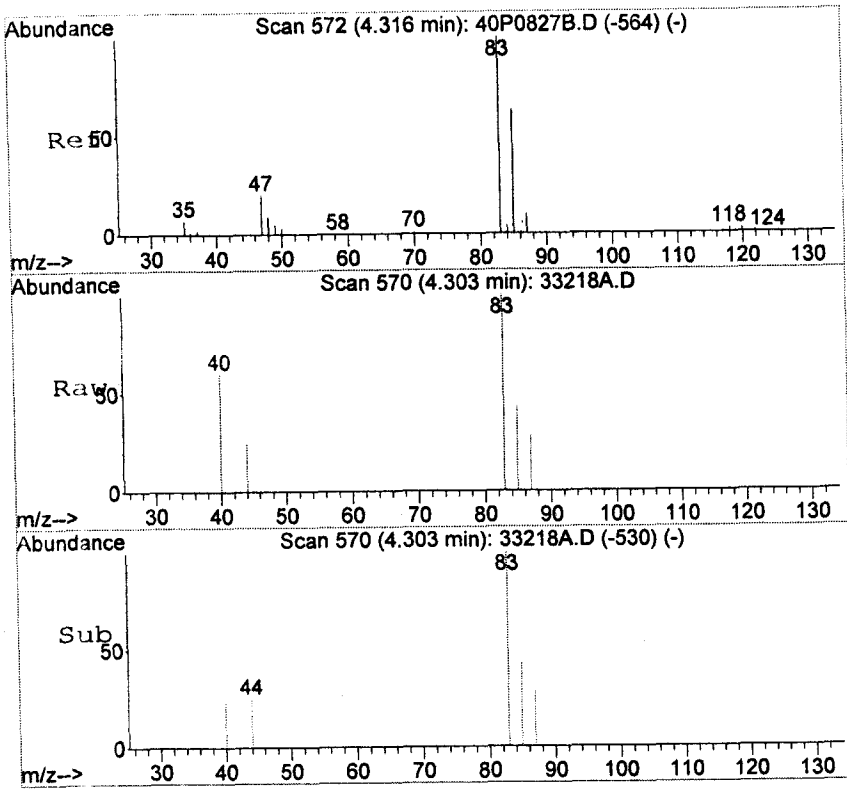


#25
2-butanone (MEK)
Concen: 2.93 ug/L
RT: 4.00 min Scan# 521
Delta R.T. 0.00 min
Lab File: 33218A.D
Acq: 29 Dec 2010 14:43

Tgt Ion: 43 Resp: 3432

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.8	53.8#

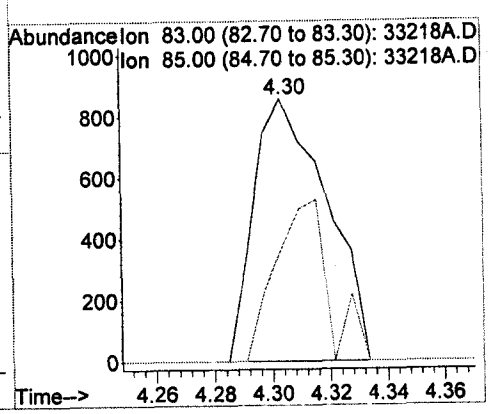


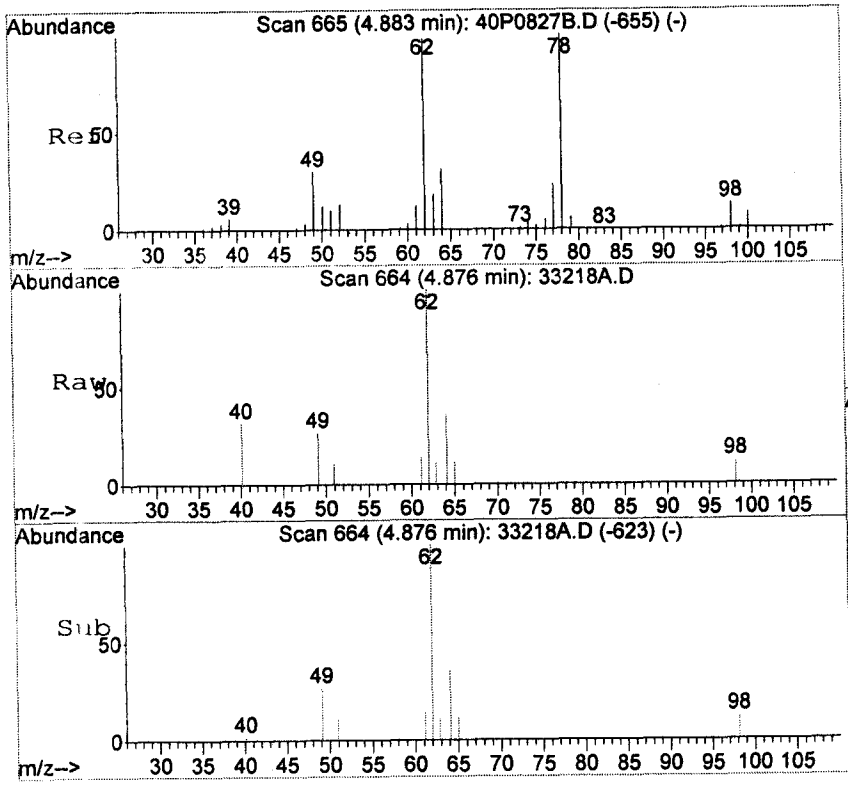


#27
chloroform
Concen: 0.21 ug/L
RT: 4.30 min Scan# 570
Delta R.T. -0.01 min
Lab File: 33218A.D
Acq: 29 Dec 2010 14:43

Tgt Ion: 83 Resp: 1506

Ion	Ratio	Lower	Upper
83	100		
85	0.0	44.9	84.9#

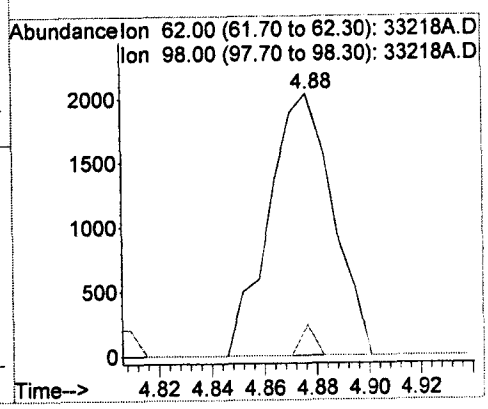




#35
1,2-dichloroethane
Concen: 0.65 ug/L
RT: 4.88 min Scan# 664
Delta R.T. -0.00 min
Lab File: 33218A.D
Acq: 29 Dec 2010 14:43

Tgt Ion: 62 Resp: 3445

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	30.5



ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

Trip Blank TM2606

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-19 File ID: 33219.D

Sampled: 12/20/10 00:00 Prepared: 12/28/10 20:00 Analyzed: 12/28/10 23:26

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21014 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
67-64-1	Acetone	1	4.0	2.1	5.0	J
71-43-2	Benzene	1	1.0	0.18	1.0	U
108-86-1	Bromobenzene	1	1.0	0.19	1.0	U
74-97-5	Bromochloromethane	1	1.0	0.18	1.0	U
75-27-4	Bromodichloromethane	1	1.0	0.13	1.0	U
75-25-2	Bromoform	1	1.0	0.15	1.0	U
74-83-9	Bromomethane	1	1.0	0.18	1.0	U
104-51-8	n-Butylbenzene	1	1.0	0.18	1.0	U
135-98-8	sec-Butylbenzene	1	1.0	0.18	1.0	U
98-06-6	tert-Butylbenzene	1	1.0	0.15	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	0.13	1.0	U
108-90-7	Chlorobenzene	1	1.0	0.19	1.0	U
75-00-3	Chloroethane	1	1.0	0.15	1.0	U
67-66-3	Chloroform	1	1.0	0.17	1.0	U
74-87-3	Chloromethane	1	1.0	0.16	1.0	U
95-49-8	2-Chlorotoluene	1	1.0	0.16	1.0	U
106-43-4	4-Chlorotoluene	1	1.0	0.12	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	0.40	1.0	U
124-48-1	Dibromochloromethane	1	1.0	0.14	1.0	U
106-93-4	1,2-Dibromoethane	1	1.0	0.22	1.0	U
74-95-3	Dibromomethane	1	1.0	0.23	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	0.12	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	0.13	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	0.12	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	0.21	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	0.13	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	0.13	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	0.13	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	0.23	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	0.20	1.0	U
78-87-5	1,2-Dichloropropane	1	1.0	0.15	1.0	U
142-28-9	1,3-Dichloropropane	1	1.0	0.14	1.0	U
594-20-7	2,2-Dichloropropane	1	1.0	0.18	1.0	U

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

Trip Blank TM2606

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-19 File ID: 33219.D

Sampled: 12/20/10 00:00 Prepared: 12/28/10 20:00 Analyzed: 12/28/10 23:26

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21014 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Dilution	CONC. (ug/L)	MDL	MRL	Q
563-58-6	1,1-Dichloropropene	1	1.0	0.25	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	0.25	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	0.23	1.0	U
100-41-4	Ethylbenzene	1	1.0	0.14	1.0	U
87-68-3	Hexachlorobutadiene	1	1.0	0.28	1.0	U
98-82-8	Isopropylbenzene	1	1.0	0.15	1.0	U
99-87-6	4-Isopropyltoluene	1	1.0	0.29	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	0.28	1.0	U
75-09-2	Methylene Chloride	1	1.0	0.26	1.0	U
78-93-3	2-Butanone (MEK)	1	5.0	0.55	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	0.28	5.0	U
91-20-3	Naphthalene	1	5.0	0.37	5.0	U
103-65-1	n-Propylbenzene	1	1.0	0.15	1.0	U
100-42-5	Styrene	1	1.0	0.11	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1	1.0	0.16	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	0.070	1.0	U
127-18-4	Tetrachloroethene	1	1.0	0.16	1.0	U
108-88-3	Toluene	1	1.0	0.16	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1	1.0	0.18	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	0.16	1.0	U
71-55-6	1,1,1-Trichloroethane	1	1.0	0.19	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	0.18	1.0	U
79-01-6	Trichloroethene	1	1.0	0.092	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	0.20	1.0	U
96-18-4	1,2,3-Trichloropropane	1	1.0	0.28	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1	1.0	0.16	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1	1.0	0.18	1.0	U
75-01-4	Vinyl Chloride	1	1.0	0.10	1.0	U
136777-61-2	Xylene, Meta + Para	1	2.0	0.28	2.0	U
95-47-6	Xylene, Ortho	1	1.0	0.14	1.0	U

System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
Dibromofluoromethane	40.0	39.5	99	88 - 116	

ORGANIC ANALYSIS DATA SHEET
USEPA-8260B

Trip Blank TM2606

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1012332-19 File ID: 33219.D

Sampled: 12/20/10 00:00 Prepared: 12/28/10 20:00 Analyzed: 12/28/10 23:26

Solids: Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21014 Calibration: 0L28007 Instrument: 224

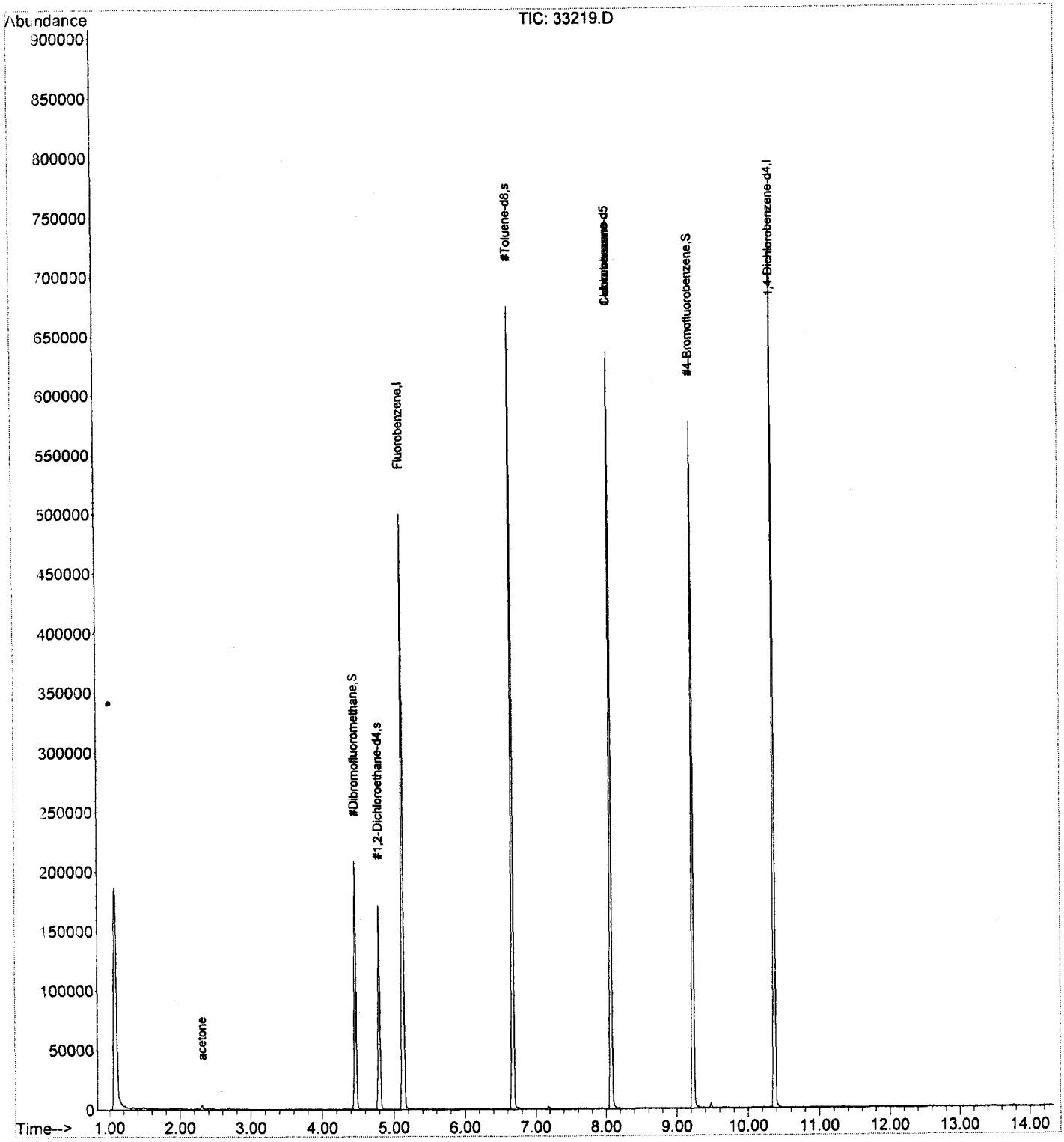
System Monitoring Compound	ADDED (ug/L)	CONC (ug/L)	% REC.	QC Limits	Q
1,2-Dichloroethane-d4	40.0	42.2	106	87 - 123	
Toluene-d8	40.0	37.1	93	91 - 107	
4-Bromofluorobenzene	40.0	40.0	100	84 - 106	

Internal Standard	Area	RT	Ref. Area	Ref. RT	Q
Fluorobenzene	422856	5.13	495489	5.13	
Chlorobenzene-d5	358097	8.08	453134	8.08	
1,4-Dichlorobenzene-d4	213212	10.38	273742	10.38	

* Values outside of QC limits

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33219.D
Acq On : 28 Dec 2010 23:26
Operator : DLV
Sample : 1012332-19
Misc : MWH
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 28 23:41:05 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration



Quantitation Report (Not Edited)

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33219.D
Acq On : 28 Dec 2010 23:26
Operator : DLV
Sample : 1012332-19
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Quant Time: Dec 28 23:41:05 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	422856	40.00 ug/L	0.00 85.34%
50) Chlorobenzene-d5	8.08	117	358097	40.00 ug/L	0.00 79.03%
65) 1,4-Dichlorobenzene-d4	10.38	152	213212	40.00 ug/L	0.00 77.89%
System Monitoring Compounds					
30) #Dibromofluoromethane	4.47	111	110317	39.47 ug/L	0.00
Spiked Amount 40.000			Recovery =	98.67%	
37) #1,2-Dichloroethane-d4	4.80	65	116653	42.23 ug/L	0.00
Spiked Amount 40.000			Recovery =	105.58%	
46) #Toluene-d8	6.67	98	409536	37.06 ug/L	0.00
Spiked Amount 40.000			Recovery =	92.65%	
64) #4-Bromofluorobenzene	9.23	95	171578	39.96 ug/L	0.00
Spiked Amount 40.000			Recovery =	99.90%	
Target Compounds					Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.	
3) chloromethane	0.00	50	0	N.D.	
4) vinyl chloride	0.00	62	0	N.D.	
5) dichlorofluoromethane	0.00	67	0	N.D.	
6) bromomethane	0.00	94	0	N.D.	
7) chloroethane	0.00	64	0	N.D.	
8) trichlorofluoromethane	0.00	101	0	N.D.	
9) acrolein	0.00	56	0	N.D.	
10) ethyl ether	0.00	74	0	N.D.	
11) acrylonitrile	0.00	53	0	N.D.	
12) 1,1,2-trichloro-1,2,2-tr	0.00	101	0	N.D.	
13) 1,1-dichloroethene	0.00	96	0	N.D.	
14) Iodomethane	0.00	142	0	N.D.	
15) acetone	2.31	43	4635	4.02 ug/L #	42
16) methyl acetate	0.00	43	0	N.D.	
17) carbon disulfide	0.00	76	0	N.D.	
18) methylene chloride	0.00	49	0	N.D.	
19) trans-1,2-dichloroethene	0.00	96	0	N.D.	
20) methyl (tert) butyl ethe	0.00	73	0	N.D.	
21) 1,1-dichloroethane	0.00	63	0	N.D.	
22) vinyl acetate	0.00	43	0	N.D.	
23) 2,2-dichloropropane	0.00	77	0	N.D.	
24) cis-1,2-dichloroethene	0.00	96	0	N.D.	
25) 2-butanone (MEK)	0.00	43	0	N.D.	
26) bromochloromethane	0.00	49	0	N.D.	
27) chloroform	0.00	83	0	N.D.	
28) tetrahydrofuran	0.00	71	0	N.D.	
29) 1,1,1-trichloroethane	0.00	97	0	N.D.	
31) carbon tetrachloride	0.00	117	0	N.D.	
32) 1,1-dichloropropene	0.00	75	0	N.D.	
33) cyclohexane	0.00	56	0	N.D.	
34) benzene	0.00	78	0	N.D.	
35) 1,2-dichloroethane	0.00	62	0	N.D.	
36) heptane	5.13	57	11454	No Calib #	

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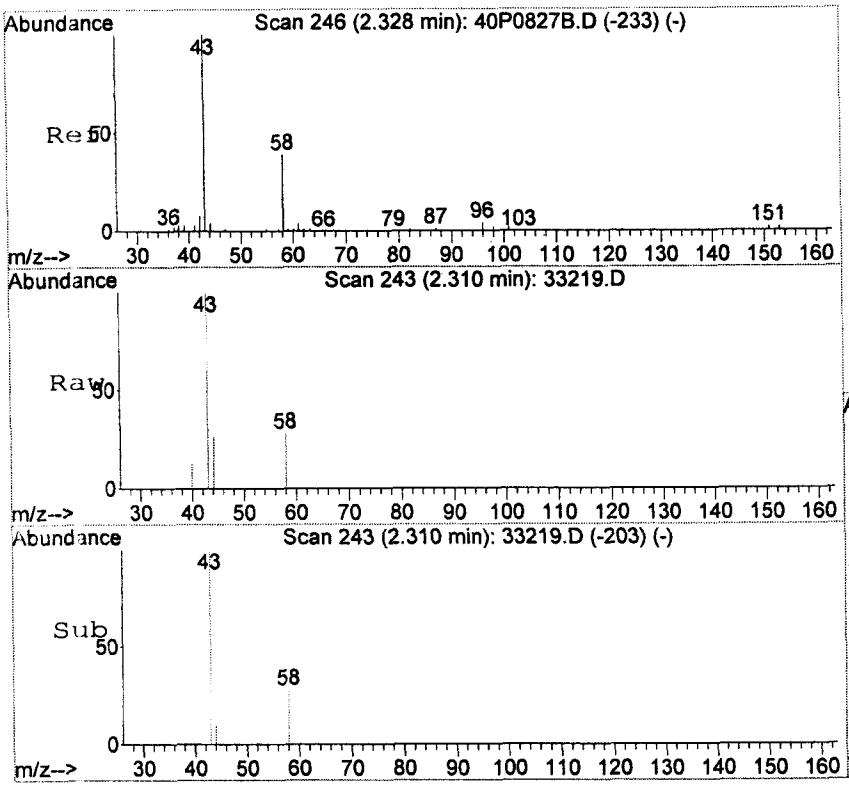
Quant Time: Dec 28 23:41:05 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
38) trichloroethene	0.00	130	0	N.D.		
39) 1,2-dichloropropane	0.00	63	0	N.D.		
40) dibromomethane	0.00	93	0	N.D.		
41) bromodichloromethane	0.00	83	0	N.D.		
42) methylcyclohexane	0.00	83	0	N.D.		
43) 2-chloroethyl vinyl ethe	0.00	63	0	N.D.		
44) cis-1,3-dichloropropene	0.00	75	0	N.D.		
45) 4-methyl-2-pentanone (MI	0.00	43	0	N.D.		
47) toluene	0.00	91	0	N.D.		
48) trans-1,3-dichloropropen	0.00	75	0	N.D.		
49) 1,1,2-trichloroethane	0.00	83	0	N.D.		
51) tetrachloroethene	0.00	166	0	N.D.		
52) 1,3-dichloropropane	0.00	76	0	N.D.		
53) 2-hexanone (MBK)	0.00	43	0	N.D.		
54) dibromochloromethane	0.00	129	0	N.D.		
55) 1,2-dibromoethane	0.00	109	0	N.D.		
56) chlorobenzene	0.00	112	0	N.D.		
57) 1,1,1,2-tetrachloroethan	0.00	131	0	N.D.		
58) 1-chlorohexane	8.07	55	3088	0.22	ug/L #	1
59) ethylbenzene	0.00	91	0	N.D.		
60) m+p-xylene	0.00	106	0	N.D.		
61) o-xylene	0.00	106	0	N.D.		
62) styrene	0.00	104	0	N.D.		
63) bromoform	0.00	173	0	N.D.		
66) isopropylbenzene	0.00	105	0	N.D.		
67) bromobenzene	0.00	77	0	N.D.		
68) 1,1,2,2-tetrachloroethan	0.00	83	0	N.D.		
69) 1,4-dichloro-2-butene	0.00	53	0	N.D.		
70) 1,2,3-trichloropropane	0.00	75	0	N.D.		
71) n-propylbenzene	0.00	120	0	N.D.		
72) 2-chlorotoluene	0.00	126	0	N.D.		
73) 1,3,5-trimethylbenzene	0.00	105	0	N.D.		
74) 4-chlorotoluene	0.00	126	0	N.D.		
75) tert-butylbenzene	0.00	119	0	N.D.		
76) 1,2,4-trimethylbenzene	0.00	105	0	N.D.		
77) sec-butylbenzene	0.00	105	0	N.D.		
78) 4-isopropyltoluene	0.00	119	0	N.D.		
79) 1,3-dichlorobenzene	0.00	146	0	N.D.		
80) 1,4-dichlorobenzene	0.00	146	0	N.D.		
81) 1,2-dichlorobenzene	0.00	146	0	N.D.		
82) n-butylbenzene	0.00	91	0	N.D.		
83) 1,2-dibromo-3-chloroprop	0.00	157	0	N.D.		
84) hexachloroethane	0.00	201	0	N.D.		
85) 1,2,4-trichlorobenzene	0.00	180	0	N.D.		
86) hexachlorobutadiene	0.00	225	0	N.D.		
87) naphthalene	0.00	128	0	N.D.		
88) 1,2,3-trichlorobenzene	0.00	180	0	N.D.		
89) 2-methylnaphthalene	0.00	142	0	N.D.		

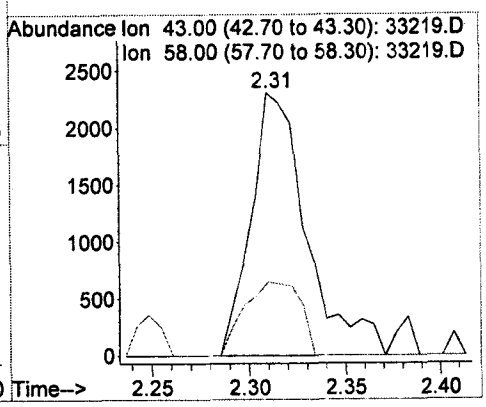
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#15
acetone
Concen: 4.02 ug/L
RT: 2.31 min Scan# 243
Delta R.T. -0.01 min
Lab File: 33219.D
Acq: 28 Dec 2010 23:26

Tgt Ion: 43 Resp: 4635

Ion	Ratio	Lower	Upper
43	100		
58	0.0	12.3	52.3#



INITIAL CALIBRATION DATA
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.

Client: MWH Americas - Farmington Hills, MI

Calibration: 0L28007

SDG: 1012332

Project: GE - Patillas, Puerto Rico

Calibration Date: 12/23/10 00:00

Instrument: 224

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
Acetone	1	~~0.2627784~~	5	0.1054462	10	9.061086E-02	20	7.657594E-02	40	0.0757817	100	7.094291E-02
Isopropanol												
Acetonitrile												
Acrolein	1	1.887449E-02	5	2.844596E-02	10	2.926122E-02	20	2.874199E-02	40	3.066667E-02	100	0.028187
Acrylonitrile	1	0.1003927	5	0.1078494	10	0.1131544	20	0.1106373	40	0.1123718	100	0.1108203
Allyl Chloride												
Benzene	1	1.676656	5	1.667244	10	1.725596	20	1.659959	40	1.672207	100	1.656193
Bromobenzene	1	1.508492	5	1.323524	10	1.302918	20	1.243599	40	1.272147	100	1.290991
Bromochloromethane	1	0.2936935	5	0.2690759	10	0.2769018	20	0.2607232	40	0.2612268	100	0.252842
Bromodichloromethane	1	0.504323	5	0.5255309	10	0.5306748	20	0.5278104	40	0.5492312	100	0.5540488
Bromoform	1	0.2659712	5	0.2686374	10	0.2915692	20	0.2977126	40	0.3254159	100	0.3492566
Bromomethane	1	0.169545	5	0.1778853	10	0.1814525	20	0.1656717	40	0.1653235	100	0.1752059
n-Butanol												
2-Butyl Alcohol												
n-Butylbenzene	1	1.787235	5	1.746702	10	1.852779	20	1.842298	40	1.931066	100	1.974963
sec-Butylbenzene	1	2.814611	5	2.928364	10	3.009075	20	2.950884	40	3.090246	100	3.123904
tert-Butylbenzene	1	2.289179	5	2.289588	10	2.40261	20	2.323095	40	2.409769	100	2.455193
Carbon Disulfide	1	0.914355	5	0.7802366	10	0.8394342	20	0.7912833	40	0.8099009	100	0.8222291
Carbon Tetrachloride	1	0.5094484	5	0.520986	10	0.5611889	20	0.5587538	40	0.5905298	100	0.6047146
Chlorobenzene	1	1.528088	5	1.47886	10	1.443775	20	1.415005	40	1.446018	100	1.427391
Chloroethane	1	0.264975	5	0.2325212	10	0.2346337	20	0.2320052	40	0.2314542	100	0.2271471
2-Chloroethyl Vinyl Ether	1	0.1531111	5	0.1784902	10	0.1917887	20	0.1898268	40	0.2025534	100	0.2071336
Chloroform	1	0.7688913	5	0.736832	10	0.749829	20	0.7239972	40	0.7405008	100	0.7327782
1-Chlorohexane	1	0.6846889	5	0.3960759	10	0.3792275	20	0.3639393	40	0.3607123	100	0.354178
Chloromethane	1	0.4409471	5	0.3755193	10	0.3854073	20	0.3544499	40	0.3584802	100	0.3593027
2-Chlorotoluene	1	0.9319502	5	0.9115112	10	0.8774332	20	0.8668	40	0.8897319	100	0.895971
4-Chlorotoluene	1	0.9575053	5	0.9415049	10	0.9177107	20	0.9047768	40	0.929492	100	0.9109957
Cyclohexane	1	0.5204314	5	0.5212313	10	0.5480832	20	0.5275863	40	0.5391785	100	0.5401721
1,2-Dibromo-3-chloropropane	1	0.1868627	5	0.1620847	10	0.1639656	20	0.1674109	40	0.1789495	100	0.1875773
Dibromochloromethane	1	0.4285091	5	0.4281296	10	0.4531866	20	0.4563563	40	0.4863572	100	0.508058
1,2-Dibromoethane	1	0.400381	5	0.3922295	10	0.3820543	20	0.3886327	40	0.3929963	100	0.397182

INITIAL CALIBRATION DATA
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
SDG: 1012332
Client: MWH Americas - Farmington Hills, MI
Project: GE - Patillas, Puerto Rico
Calibration: 0L28007
Calibration Date: 12/23/10 00:00
Instrument: 224

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
Dibromomethane	1	0.2462632	5	0.2382267	10	0.2433132	20	0.2279467	40	0.2418681	100	0.2396387
trans-1,4-Dichloro-2-butene	1	0.158501	5	0.1594417	10	0.1649523	20	0.1591005	40	0.1843451	100	0.187564
1,2-Dichlorobenzene	1	1.742329	5	1.674836	10	1.689995	20	1.625378	40	1.668732	100	1.660373
1,3-Dichlorobenzene	1	1.858435	5	1.707888	10	1.763882	20	1.697245	40	1.763007	100	1.761611
1,4-Dichlorobenzene	1	1.946475	5	1.829081	10	1.802724	20	1.729823	40	1.782215	100	1.818641
Dichlorodifluoromethane	1	0.4860994	5	0.4947798	10	0.5085764	20	0.4613328	40	0.4543088	100	0.427154
1,1-Dichloroethane	1	0.6622341	5	0.6434508	10	0.6702055	20	0.6500389	40	0.6701683	100	0.6688343
1,2-Dichloroethane	1	0.5403635	5	0.545819	10	0.5554521	20	0.5274822	40	0.5376608	100	0.5382729
1,1-Dichloroethene	1	0.3826965	5	0.3683751	10	0.3676445	20	0.3553785	40	0.3662826	100	0.361485
cis-1,2-Dichloroethene	1	0.4733266	5	0.4650423	10	0.4711468	20	0.4544565	40	0.4666562	100	0.460553
trans-1,2-Dichloroethene	1	0.4207709	5	0.415033	10	0.4199932	20	0.404213	40	0.4231113	100	0.416072
1,2-Dichloroethene (Total)	2	0.4470487	10	0.4400377	20	0.44557	40	0.4293348	80	0.4448837	200	0.4383125
Dichlorofluoromethane	1	0.6185462	5	0.627217	10	0.6402519	20	0.6101019	40	0.6076704	100	0.60796
1,2-Dichloropropane	1	0.3743169	5	0.3721679	10	0.375475	20	0.3595851	40	0.3700284	100	0.3738545
1,3-Dichloropropane	1	0.692255	5	0.6856973	10	0.6723913	20	0.6576746	40	0.6783512	100	0.6684775
2,2-Dichloropropane	1	0.5062756	5	0.5262011	10	0.5431047	20	0.5298317	40	0.5611224	100	0.5738924
1,1-Dichloropropene	1	0.5506143	5	0.5699654	10	0.5950577	20	0.5694925	40	0.5896539	100	0.5869736
cis-1,3-Dichloropropene	1	0.5118077	5	0.5175202	10	0.5362138	20	0.5376206	40	0.5779644	100	0.5988422
trans-1,3-Dichloropropene	1	0.4639707	5	0.46465	10	0.493171	20	0.5020503	40	0.5462321	100	0.5727154
1,4-Dioxane												
1,3-Dichloropropene (Total)	2	0.4878892	10	0.4910851	20	0.5146924	40	0.5198354	80	0.5620983	200	0.5857788
Ethanol												
Ethyl Acetate												
Ethylbenzene	1	2.327871	5	2.311228	10	2.353193	20	2.248313	40	2.344059	100	2.327193
Ethyl Ether	1	0.1614094	5	0.145434	10	0.1704239	20	0.1621655	40	0.1610893	100	0.163849
Hexachlorobutadiene	1	0.5214431	5	0.4699803	10	0.4663009	20	0.4553976	40	0.4833091	100	0.4865322
Hexachloroethane	1	0.2099067	5	0.1855748	10	0.1976497	20	0.2065769	40	0.2365439	100	0.2808793
Hexane												
2-Hexanone	1	0.176424	5	0.1570724	10	0.1577396	20	0.1641487	40	0.1726686	100	0.1735452
Iodomethane	1	0.2823851	5	0.2636482	10	0.297566	20	0.3346375	40	0.3950542	100	0.437138
Isobutanol												

INITIAL CALIBRATION DATA
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.

SDG: 1012332

Client: MWH Americas - Farmington Hills, MI

Project: GE - Patillas, Puerto Rico

Calibration: 0L28007

Calibration Date: 12/23/10 00:00

Instrument: 224

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	1	3.098376	5	3.280656	10	3.347337	20	3.313808	40	3.436798	100	3.435313
Isopropyl Ether												
4-Isopropyltoluene	1	2.524641	5	2.564965	10	2.729779	20	2.619969	40	2.718425	100	2.794187
Methyl Acetate	1	0.2333277	5	0.1626978	10	0.1725917	20	0.1621895	40	0.1625889	100	0.1685201
Methyl tert-Butyl Ether	1	0.9283481	5	0.8863204	10	0.9424749	20	0.9140042	40	0.9430986	100	0.9494663
Methylcyclohexane	1	0.562655	5	0.5628049	10	0.6051796	20	0.595853	40	0.6165142	100	0.6146197
Methylene Chloride	1	0.4826011	5	0.4410104	10	0.3710899	20	0.413679	40	0.4209195	100	0.4110723
2-Butanone (MEK)	1	~~0.2043651~~	5	0.1288733	10	0.1267134	20	0.1180419	40	0.1129147	100	0.1135004
Methyl Methacrylate												
2-Methylnaphthalene	1	0.6724104	5	0.5547645	10	0.6428849	20	0.6657441	40	0.7428528	100	0.7474572
4-Methyl-2-pentanone (MIBK)	1	0.2180329	5	0.198762	10	0.2103675	20	0.2136297	40	0.2324471	100	0.233715
Naphthalene	1	1.988131	5	1.860292	10	2.00897	20	2.070591	40	2.180027	100	2.194831
2-Nitropropane												
n-Propylbenzene	1	0.9762655	5	0.9648465	10	1.016775	20	0.9805647	40	1.020607	100	1.017725
Styrene	1	1.539838	5	1.524693	10	1.567539	20	1.504942	40	1.553073	100	1.547738
t-Butanol												
1,1,1,2-Tetrachloroethane	1	0.4854775	5	0.4784766	10	0.4839101	20	0.4854572	40	0.5025953	100	0.5223537
1,1,2,2-Tetrachloroethane	1	0.7926525	5	0.7572961	10	0.7645397	20	0.7289908	40	0.7568988	100	0.7559612
Tetrachloroethene	1	0.7826923	5	0.7605315	10	0.7846211	20	0.7538933	40	0.7780899	100	0.7509703
Tetrahydrofuran	1	~~1.553891E-02~~	5	3.413515E-02	10	3.509697E-02	20	3.336088E-02	40	3.353253E-02	100	3.548853E-02
Toluene	1	1.878988	5	1.907465	10	1.908928	20	1.847244	40	1.916337	100	1.897955
1,2,3-Trichlorobenzene	1	0.8047654	5	0.6895579	10	0.7380917	20	0.7528551	40	0.7707878	100	0.7671873
1,2,4-Trichlorobenzene	1	0.956619	5	0.8754	10	0.9003379	20	0.8703966	40	0.9283011	100	0.9328521
1,1,1-Trichloroethane	1	0.6449868	5	0.6321705	10	0.6704116	20	0.6576757	40	0.6856964	100	0.6968741
1,1,2-Trichloroethane	1	0.2992257	5	0.2717733	10	0.2766627	20	0.2663507	40	0.2814775	100	0.2775226
Trichloroethene	1	0.5223026	5	0.5533229	10	0.546039	20	0.5280506	40	0.5502948	100	0.5440583
Trichlorofluoromethane	1	0.6681731	5	0.6576738	10	0.6969033	20	0.6555664	40	0.6709877	100	0.6736819
1,2,3-Trichloropropane	1	0.9291436	5	0.7728572	10	0.8011393	20	0.7850875	40	0.8294562	100	0.854184
1,1,2-Trichloro-1,2,2-trifluoro	1	0.2956461	5	0.3015435	10	0.3155431	20	0.3040143	40	0.3143521	100	0.3065856
1,2,4-Trimethylbenzene	1	2.686096	5	2.650135	10	2.751084	20	2.685096	40	2.785159	100	2.805292
1,3,5-Trimethylbenzene	1	2.525232	5	2.668993	10	2.727207	20	2.661665	40	2.734765	100	2.779511

INITIAL CALIBRATION DATA
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.

Client: MWH Americas - Farmington Hills, MI

Calibration: 0L28007

SDG: 1012332

Project: GE - Patillas, Puerto Rico

Calibration Date: 12/23/10 00:00

Instrument: 224

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
Vinyl Acetate	1	0.4590893	5	0.4864422	10	0.4838486	20	0.5139337	40	0.508869	100	0.5489791
Vinyl Chloride	1	0.3781406	5	0.3673125	10	0.3800414	20	0.3751548	40	0.3608577	100	0.360173
Xylene, Meta + Para	2	0.9553777	10	0.944845	20	0.9751408	40	0.9339643	80	0.9492468	200	0.9250553
Xylene, Ortho	1	0.8736637	5	0.87811	10	0.9050686	20	0.8813992	40	0.8974608	100	0.8916333
Xylene (Total)	3	0.9281397	15	0.9226	30	0.9517834	60	0.9164426	120	0.9319848	300	0.9139146
Dibromofluoromethane	40	0.2656828	40	0.2616374	40	0.2618508	40	0.2623782	40	0.2658323	40	0.2636263
1,2-Dichloroethane-d4	40	0.2591845	40	0.2561342	40	0.2615685	40	0.2600868	40	0.263247	40	0.2638459
Toluene-d8	40	1.041947	40	1.033587	40	1.043628	40	1.032298	40	1.05103	40	1.05101
4-Bromofluorobenzene	40	0.4781962	40	0.4742464	40	0.4845964	40	0.4758608	40	0.4804031	40	0.4819765

INITIAL CALIBRATION DATA (Continued)
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
SDG: 1012332
Client: MWH Americas - Farmington Hills, MI
Project: GE - Patillas, Puerto Rico
Calibration: 0L28007
Calibration Date: 12/23/10 00:00
Instrument: 224

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
Acetone	200	7.179052E-02										
Isopropanol			5	1.370939E-02	25	1.056079E-02	50	1.039195E-02	100	0.0114305	200	1.108201E-02
Acetonitrile			5	7.845361E-02	25	5.952915E-02	50	6.495806E-02	100	6.033072E-02	200	5.941374E-02
Acrolein	200	3.109849E-02										
Acrylonitrile	200	0.1121255										
Allyl Chloride			5	0.1794788	25	0.1781128	50	0.1963933	100	0.1844933	200	0.1841322
Benzene	200	1.686346										
Bromobenzene	200	1.304678										
Bromochloromethane	200	0.2521948										
Bromodichloromethane	200	0.5809204										
Bromoform	200	0.3689402										
Bromomethane	200	0.1831362										
n-Butanol			5	~~0~~	25	1.188129E-03	50	2.051838E-03	100	2.938557E-03	200	3.136836E-03
2-Butyl Alcohol			5	~~1.289335E-03~~	25	9.42109E-03	50	9.205543E-03	100	9.981608E-03	200	1.083911E-02
n-Butylbenzene	200	1.975712										
sec-Butylbenzene	200	3.168502										
tert-Butylbenzene	200	2.509559										
Carbon Disulfide	200	0.8722914										
Carbon Tetrachloride	200	0.6397692										
Chlorobenzene	200	1.422068										
Chloroethane	200	0.2292389										
2-Chloroethyl Vinyl Ether	200	0.2136578										
Chloroform	200	0.7535403										
1-Chlorohexane	200	0.3537914										
Chloromethane	200	0.3632619										
2-Chlorotoluene	200	0.9070262										
4-Chlorotoluene	200	0.9175401										
Cyclohexane	200	0.5569442										
1,2-Dibromo-3-chloropropane	200	0.1916622										
Dibromochloromethane	200	0.5184164										
1,2-Dibromoethane	200	0.4004593										

INITIAL CALIBRATION DATA (Continued)
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
SDG: 1012332
Client: MWH Americas - Farmington Hills, MI
Project: GE - Patillas, Puerto Rico
Calibration: 0L28007
Calibration Date: 12/23/10 00:00
Instrument: 224

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
Dibromomethane	200	0.246501										
trans-1,4-Dichloro-2-butene	200	0.1927328										
1,2-Dichlorobenzene	200	1.668708										
1,3-Dichlorobenzene	200	1.780152										
1,4-Dichlorobenzene	200	1.829653										
Dichlorodifluoromethane	200	0.4206198										
1,1-Dichloroethane	200	0.6877815										
1,2-Dichloroethane	200	0.5507219										
1,1-Dichloroethene	200	0.3772094										
cis-1,2-Dichloroethene	200	0.4691416										
trans-1,2-Dichloroethene	200	0.4306109										
1,2-Dichloroethene (Total)	400	0.4498762										
Dichlorofluoromethane	200	0.6362004										
1,2-Dichloropropane	200	0.3805001										
1,3-Dichloropropane	200	0.6740101										
2,2-Dichloropropane	200	0.5903548										
1,1-Dichloropropene	200	0.6006583										
cis-1,3-Dichloropropene	200	0.6241179										
trans-1,3-Dichloropropene	200	0.5963845										
1,4-Dioxane			5	5.712246E-03	25	4.484542E-03	50	3.523918E-03	100	3.857325E-03	200	3.653521E-03
1,3-Dichloropropene (Total)	400	0.6102512										
Ethanol			5	~~1.475391E-02~~	25	4.946234E-03	50	3.216395E-03	100	3.303068E-03	200	2.732419E-03
Ethyl Acetate			5	0.2361769	25	0.2242755	50	0.2496168	100	0.2506429	200	0.2484916
Ethylbenzene	200	2.338409										
Ethyl Ether	200	0.1695549										
Hexachlorobutadiene	200	0.4944727										
Hexachloroethane	200	0.3224465										
Hexane			5	0.319543	25	0.30666	50	0.3186617	100	0.3062092	200	0.3007039
2-Hexanone	200	0.1740518										
Iodomethane	200	0.4784483										
Isobutanol			5	1.436222E-03	25	2.867007E-03	50	3.297056E-03	100	4.015446E-03	200	4.348833E-03

INITIAL CALIBRATION DATA (Continued)
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
Client: MWH Americas - Farmington Hills, MI
Calibration: 0L28007

SDG: 1012332
Project: GE - Patillas, Puerto Rico
Calibration Date: 12/23/10 00:00
Instrument: 224

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	3.544195										
Isopropyl Ether			5	0.9964931	25	0.9964917	50	1.065779	100	1.028375	200	0.990279
4-Isopropyltoluene	200	2.801183										
Methyl Acetate	200	0.1648083										
Methyl tert-Butyl Ether	200	0.9663071										
Methylcyclohexane	200	0.6323849										
Methylene Chloride	200	0.3775578										
2-Butanone (MEK)	200	0.115329										
Methyl Methacrylate			5	0.226107	25	0.2358888	50	0.2567637	100	0.2588993	200	0.2549084
2-Methylnaphthalene	200	0.7123528										
4-Methyl-2-pentanone (MIBK)	200	0.2382911										
Naphthalene	200	2.177503										
2-Nitropropane			5	~~5.026776E-02~~	25	0.0537467	50	6.269617E-02	100	6.807034E-02	200	7.157086E-02
n-Propylbenzene	200	1.037959										
Styrene	200	1.539262										
t-Butanol			5	2.327332E-02	25	1.934907E-02	50	1.760111E-02	100	1.867411E-02	200	1.876718E-02
1,1,1,2-Tetrachloroethane	200	0.5357796										
1,1,2,2-Tetrachloroethane	200	0.7406366										
Tetrachloroethene	200	0.7523806										
Tetrahydrofuran	200	0.0350917										
Toluene	200	1.922465										
1,2,3-Trichlorobenzene	200	0.7702963										
1,2,4-Trichlorobenzene	200	0.9527842										
1,1,1-Trichloroethane	200	0.7234332										
1,1,2-Trichloroethane	200	0.2841483										
Trichloroethene	200	0.5593262										
Trichlorofluoromethane	200	0.6951026										
1,2,3-Trichloropropane	200	0.8691971										
1,1,2-Trichloro-1,2,2-trifluoroe	200	0.3196024										
1,2,4-Trimethylbenzene	200	2.855221										
1,3,5-Trimethylbenzene	200	2.789202										

INITIAL CALIBRATION DATA (Continued)

USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.

Client: MWH Americas - Farmington Hills, MI

Calibration: 0L28007

SDG: 1012332

Project: GE - Patillas, Puerto Rico

Calibration Date: 12/23/10 00:00

Instrument: 224

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
Vinyl Acetate	200	0.5505785										
Vinyl Chloride	200	0.367337										
Xylene, Meta + Para	400	0.9187747										
Xylene, Ortho	200	0.8891388										
Xylene (Total)	600	0.9088961										
Dibromofluoromethane	40	0.2695053	40	~~0.2616943~~	40	~~0.2574273~~	40	~~0.2601536~~	40	~~0.2618612~~	40	~~0.2646194~~
1,2-Dichloroethane-d4	40	0.2650009	40	~~0.2565084~~	40	~~0.2554377~~	40	~~0.2613762~~	40	~~0.2593687~~	40	~~0.2664245~~
Toluene-d8	40	1.064622	40	~~1.022678~~	40	~~1.028827~~	40	~~1.037749~~	40	~~1.026922~~	40	~~1.044492~~
4-Bromofluorobenzene	40	0.4820735	40	~~0.4746257~~	40	~~0.4861518~~	40	~~0.4749019~~	40	~~0.4763431~~	40	~~0.4780778~~

INITIAL CALIBRATION DATA (Continued)

USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.

Client: MWH Americas - Farmington Hills, MI

Calibration: 0L28007

SDG: 1012332

Project: GE - Patillas, Puerto Rico

Calibration Date: 12/23/10 00:00

Instrument: 224

Compound	Level 13		Level 14		Level 15		Level 16		Level 17		Level 18	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Acetone												
Isopropanol	400	1.057103E-02										
Acetonitrile	400	5.932352E-02										
Acrolein												
Acrylonitrile												
Allyl Chloride	400	0.181499										
Benzene												
Bromobenzene												
Bromochloromethane												
Bromodichloromethane												
Bromoform												
Bromomethane												
n-Butanol	400	2.309009E-03										
2-Butyl Alcohol	400	1.064144E-02										
n-Butylbenzene												
sec-Butylbenzene												
tert-Butylbenzene												
Carbon Disulfide												
Carbon Tetrachloride												
Chlorobenzene												
Chloroethane												
2-Chloroethyl Vinyl Ether												
Chloroform												
1-Chlorohexane												
Chloromethane												
2-Chlorotoluene												
4-Chlorotoluene												
Cyclohexane												
1,2-Dibromo-3-chloropropane												
Dibromochloromethane												
1,2-Dibromoethane												

INITIAL CALIBRATION DATA (Continued)

USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.

Client: MWH Americas - Farmington Hills, MI

Calibration: 0L28007

SDG: 1012332

Project: GE - Patillas, Puerto Rico

Calibration Date: 12/23/10 00:00

Instrument: 224

Compound	Level 13		Level 14		Level 15		Level 16		Level 17		Level 18	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Dibromomethane												
trans-1,4-Dichloro-2-butene												
1,2-Dichlorobenzene												
1,3-Dichlorobenzene												
1,4-Dichlorobenzene												
Dichlorodifluoromethane												
1,1-Dichloroethane												
1,2-Dichloroethane												
1,1-Dichloroethene												
cis-1,2-Dichloroethene												
trans-1,2-Dichloroethene												
1,2-Dichloroethene (Total)												
Dichlorofluoromethane												
1,2-Dichloropropane												
1,3-Dichloropropane												
2,2-Dichloropropane												
1,1-Dichloropropene												
cis-1,3-Dichloropropene												
trans-1,3-Dichloropropene												
1,4-Dioxane	400	3.475075E-03										
1,3-Dichloropropene (Total)												
Ethanol	400	2.287554E-03										
Ethyl Acetate	400	0.2525121										
Ethylbenzene												
Ethyl Ether												
Hexachlorobutadiene												
Hexachloroethane												
Hexane	400	0.2958742										
2-Hexanone												
Iodomethane												
Isobutanol	400	~~3.838351E-03~~										

INITIAL CALIBRATION DATA (Continued)

USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.

Client: MWH Americas - Farmington Hills, MI

Calibration: 0L28007

SDG: 1012332

Project: GE - Patillas, Puerto Rico

Calibration Date: 12/23/10 00:00

Instrument: 224

Compound	Level 13		Level 14		Level 15		Level 16		Level 17		Level 18	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Isopropylbenzene												
Isopropyl Ether	400	0.9603211										
4-Isopropyltoluene												
Methyl Acetate												
Methyl tert-Butyl Ether												
Methylcyclohexane												
Methylene Chloride												
2-Butanone (MEK)												
Methyl Methacrylate	400	0.2552121										
2-Methylnaphthalene												
4-Methyl-2-pentanone (MIBK)												
Naphthalene												
2-Nitropropane	400	7.584153E-02										
n-Propylbenzene												
Styrene												
t-Butanol	400	0.0193861										
1,1,1,2-Tetrachloroethane												
1,1,2,2-Tetrachloroethane												
Tetrachloroethene												
Tetrahydrofuran												
Toluene												
1,2,3-Trichlorobenzene												
1,2,4-Trichlorobenzene												
1,1,1-Trichloroethane												
1,1,2-Trichloroethane												
Trichloroethene												
Trichlorofluoromethane												
1,2,3-Trichloropropane												
1,1,2-Trichloro-1,2,2-trifluoroe												
1,2,4-Trimethylbenzene												
1,3,5-Trimethylbenzene												

INITIAL CALIBRATION DATA (Continued)
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
Client: MWH Americas - Farmington Hills, MI
Calibration: 0L28007

SDG: 1012332
Project: GE - Patillas, Puerto Rico
Calibration Date: 12/23/10 00:00
Instrument: 224

Compound	Level 13		Level 14		Level 15		Level 16		Level 17		Level 18	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Vinyl Acetate												
Vinyl Chloride												
Xylene, Meta + Para												
Xylene, Ortho												
Xylene (Total)												
Dibromofluoromethane	40	~~0.261067~~										
1,2-Dichloroethane-d4	40	~~0.2622814~~										
Toluene-d8	40	~~1.044914~~										
4-Bromofluorobenzene	40	~~0.4827882~~										

INITIAL CALIBRATION DATA (Continued)

USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.

Client: MWH Americas - Farmington Hills, MI

Calibration: 0L28007

SDG: 1012332

Project: GE - Patillas, Puerto Rico

Calibration Date: 12/23/10 00:00

Instrument: 224

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	Limit	Q
Acetone	8.185802E-02	16.55592	2.316667	0.22228	0.99981		0.99	
Isopropanol	1.129094E-02	11.0418	2.426667	0.2137142			15	
Acetonitrile	6.366813E-02	11.8689	2.58	0.0147416			15	
Acrolein	2.789655E-02	14.80075	2.19	1.643258E-02			15	
Acrylonitrile	0.1096216	4.02995	2.932857	0.1678685			15	
Allyl Chloride	0.1840182	3.565183	2.58	0.0147416			15	
Benzene	1.677743	1.395048	4.86	2.114986E-02			15	
Bromobenzene	1.320907	6.558545	9.377143	5.503242E-02			15	
Bromochloromethane	0.2666654	5.533616	4.22	2.476443E-02			15	
Bromodichloromethane	0.5389342	4.587092	5.98	2.109014E-02			15	
Bromoform	0.3096433	12.77729	8.91	1.873922E-02			SPCC (0.1)	
Bromomethane	0.1740314	4.196641	1.64	0.3520949			15	
n-Butanol	2.324874E-03	33.33777	5.464	9.999293E-02		0.9932205	0.99	
2-Butyl Alcohol	1.001776E-02	7.199378	4.206	0.1288877			15	
n-Butylbenzene	1.872965	4.82377	10.76571	5.028482E-02			15	
sec-Butylbenzene	3.012227	4.12951	10.20714	4.828029E-02			15	
tert-Butylbenzene	2.382713	3.571324	9.99	9.805333E-03			15	
Carbon Disulfide	0.8328186	5.669723	2.47	7.804583E-03			15	
Carbon Tetrachloride	0.5693415	8.101187	4.65	1.619965E-02			15	
Chlorobenzene	1.451601	2.73879	8.1	1.913882E-02			SPCC (0.3)	
Chloroethane	0.2359965	5.509177	1.71	1.096531E-02			15	
2-Chloroethyl Vinyl Ether	0.1909374	10.69317	6.281429	6.275651E-02			15	
Chloroform	0.743767	2.004641	4.31	8.349735E-03			CCC (30)	
1-Chlorohexane	0.4132305	29.19839	8.09	0.0740094	1.00000		0.99	
Chloromethane	0.3767669	8.046931	1.377143	0.3542088			SPCC (0.1)	
2-Chlorotoluene	0.8972034	2.442356	9.57	1.549997E-02			15	
4-Chlorotoluene	0.9256465	2.001815	9.68	1.549643E-02			15	
Cyclohexane	0.5362324	2.574025	4.54	0.0196925			15	
1,2-Dibromo-3-chloropropane	0.1769304	6.969004	11.54286	0.0452042			15	
Dibromochloromethane	0.4684305	7.788488	7.52	3.721705E-03			15	
1,2-Dibromoethane	0.3934193	1.691932	7.62	1.714698E-02			15	
Dibromomethane	0.2405368	2.64298	5.82	8.153718E-03			15	

INITIAL CALIBRATION DATA (Continued)

USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.

Client: MWH Americas - Farmington Hills, MI

Calibration: 0L28007

SDG: 1012332

Project: GE - Patillas, Puerto Rico

Calibration Date: 12/23/10 00:00

Instrument: 224

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	Limit	Q
trans-1,4-Dichloro-2-butene	0.1723768	8.796426	9.441428	4.303467E-02			15	
1,2-Dichlorobenzene	1.675764	2.111001	10.77	0.0156409			15	
1,3-Dichlorobenzene	1.761746	2.999527	10.31	0.0193405			15	
1,4-Dichlorobenzene	1.819802	3.619476	10.39857	3.210825E-02			15	
Dichlorodifluoromethane	0.4646959	7.223162	1.22	1.580108E-02			15	
1,1-Dichloroethane	0.6646733	2.199701	3.391429	0.1113151			SPCC (0.1)	
1,2-Dichloroethane	0.5422532	1.712381	4.88	1.580108E-02			15	
1,1-Dichloroethene	0.3684388	2.488582	2.272857	0.2142687			CCC (30)	
cis-1,2-Dichloroethene	0.4657604	1.396721	3.982857	0.1217483			15	
trans-1,2-Dichloroethene	0.4185435	1.944346	2.96	1.891028E-02			15	
1,2-Dichloroethene (Total)	0.4421519	1.562249	3.982857	0.1217483			15	
Dichlorofluoromethane	0.6211354	2.192422	1.84	1.063249E-02			15	
1,2-Dichloropropane	0.3722754	1.736173	5.71	2.039071E-02			CCC (30)	
1,3-Dichloropropane	0.675551	1.678835	7.3	0.0202292			15	
2,2-Dichloropropane	0.5472547	5.38089	3.98	1.737091E-02			15	
1,1-Dichloropropene	0.5803451	3.041272	4.65	1.619965E-02			15	
cis-1,3-Dichloropropene	0.5577267	7.711966	6.42	1.535659E-02			15	
trans-1,3-Dichloropropene	0.519882	10.10117	6.96	8.042305E-03			15	
1,4-Dioxane	4.117771E-03	20.96387	5.85	1.837788E-02	0.99902		0.99	
1,3-Dichloropropene (Total)	0.5388043	8.857081	6.96	8.042305E-03			15	
Ethanol	3.297134E-03	30.57195	2.012	0.4161362	0.99071		0.99	
Ethyl Acetate	0.2436193	4.562345	4.07	5.734557E-03			15	
Ethylbenzene	2.321467	1.506048	8.22	0.011466			CCC (30)	
Ethyl Ether	0.1619894	5.084944	2.087143	0.2341827			15	
Hexachlorobutadiene	0.4824909	4.501626	12.55	1.318248E-02			15	
Hexachloroethane	0.2342254	21.36505	11.01857	0.0307705	0.99521		0.99	
Hexane	0.307942	3.088172	3.24	2.293239E-02			15	
2-Hexanone	0.16795	4.859339	7.39	1.193861E-02			15	
Iodomethane	0.3555539	23.22657	2.41	1.954425E-02	0.99799		0.99	
Isobutanol	3.192913E-03	35.76356	4.802	9.062081E-02	0.99760		0.99	
Isopropylbenzene	3.350926	4.254665	9.081429	3.805602E-02			15	
Isopropyl Ether	1.00629	3.607208	3.47	5.634228E-03			15	

INITIAL CALIBRATION DATA (Continued)
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
SDG: 1012332
Client: MWH Americas - Farmington Hills, MI
Project: GE - Patillas, Puerto Rico
Calibration: 0L28007
Calibration Date: 12/23/10 00:00
Instrument: 224

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	Limit	Q
4-Isopropyltoluene	2.679021	4.107244	10.36	1.818596E-02			15	
Methyl Acetate	0.1752463	14.7755	2.6	1.987494E-02			15	
Methyl tert-Butyl Ether	0.9328599	2.813663	2.96	1.891028E-02			15	
Methylcyclohexane	0.598573	4.494781	5.675714	9.237327E-02			15	
Methylene Chloride	0.4168471	9.08485	2.69	0.0133782			15	
2-Butanone (MEK)	0.1192288	5.790637	4	0			15	
Methyl Methacrylate	0.2479632	5.474349	5.84	1.302511E-02			15	
2-Methylnaphthalene	0.6769238	9.87375	13.75571	3.623607E-02			15	
4-Methyl-2-pentanone (MIBK)	0.2207493	6.569706	6.58	1.498318E-02			15	
Naphthalene	2.068621	6.039045	12.61	2.163637E-02			15	
2-Nitropropane	6.638512E-02	12.88123	6.21	2.346759E-02			15	
n-Propylbenzene	1.002106	2.765112	9.491428	4.130696E-02			15	
Styrene	1.539584	1.313009	8.74	4.476836E-03			15	
t-Butanol	1.950848E-02	10.01816	2.795	0.195444			15	
1,1,1,2-Tetrachloroethane	0.49915	4.424225	8.19	2.066142E-02			15	
1,1,2,2-Tetrachloroethane	0.7567108	2.632437	9.381429	0.0442452			SPCC (0.3)	
Tetrachloroethene	0.7661684	1.964446	7.27	1.957593E-02			15	
Tetrahydrofuran	3.445096E-02	2.607842	4.27	2.269215E-02			15	
Toluene	1.897055	1.373815	6.74	5.805274E-03			CCC (30)	
1,2,3-Trichlorobenzene	0.7562202	4.728306	12.85	1.459197E-02			15	
1,2,4-Trichlorobenzene	0.9166701	3.833326	12.37	0.0208272			15	
1,1,1-Trichloroethane	0.6730355	4.685998	4.488571	8.177792E-02			15	
1,1,2-Trichloroethane	0.2795944	3.748666	7.14	1.439612E-02			15	
Trichloroethene	0.5433421	2.47805	5.49	1.784249E-02			15	
Trichlorofluoromethane	0.6740127	2.437409	1.882857	0.2591332			15	
1,2,3-Trichloropropane	0.8344378	6.55092	9.42	1.979907E-02			15	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.3081839	2.790721	2.27	0.0196925			15	
1,2,4-Trimethylbenzene	2.74544	2.721259	10.04	1.377215E-02			15	
1,3,5-Trimethylbenzene	2.698082	3.355463	9.67	1.590631E-02			15	
Vinyl Acetate	0.5073915	6.715349	3.448571	0.1086963			15	
Vinyl Chloride	0.3698596	2.174229	1.417143	0.3442769			CCC (30)	
Xylene, Meta + Para	0.9432007	2.038861	8.33	1.846507E-02			15	

INITIAL CALIBRATION DATA (Continued)

USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.

Client: MWH Americas - Farmington Hills, MI

Calibration: 0L28007

SDG: 1012332

Project: GE - Patillas, Puerto Rico

Calibration Date: 12/23/10 00:00

Instrument: 224

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	Limit	Q
Xylene, Ortho	0.8880678	1.252414	8.72	1.622184E-02			15	
Xylene (Total)	0.924823	1.55258	8.72	1.622184E-02			15	
Dibromofluoromethane	0.264359	1.076242	4.47	1.135626E-02			15	
1,2-Dichloroethane-d4	0.2612954	1.176216	4.8	2.153118E-02			15	
Toluene-d8	1.045446	1.075728	6.67	2.164642E-02			15	
4-Bromofluorobenzene	0.4796218	0.7706683	9.23	1.825055E-02			15	

OL21601
AN OL28007
SDG 1A06004

Method Path : C:\MSDCHEM\1\METHODS\
Method File : 8260B-B67.M
Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
Last Update : Mon Dec 27 07:37:36 2010
Response Via : Initial Calibration

Calibration Files
1 =1P1223B.D 2 =5P1223B.D 3 =10P1223B.D
4 =20P1223B.D 5 =40P1223B.D 6 =100P1223B.D
7 =200P1223B.D

		Compound	1	2	3	4	5	6	7	Avg	%RSD
1)	I	Fluorobenzene	ISTD								
2)		dichlorodifluor	0.486	0.495	0.509	0.461	0.454	0.427	0.421	0.465	7.22
3)	P	chloromethane	0.441	0.376	0.385	0.354	0.358	0.359	0.363	0.377	8.05
4)	C	vinyl chloride	0.378	0.367	0.380	0.375	0.361	0.360	0.367	0.370	2.17#
5)		dichlorofluorom	0.619	0.627	0.640	0.610	0.608	0.608	0.636	0.621	2.19
6)		bromomethane	0.170	0.178	0.181	0.166	0.165	0.175	0.183	0.174	4.20
7)		chloroethane	0.265	0.233	0.235	0.232	0.231	0.227	0.229	0.236	5.51
8)		trichlorofluoro	0.668	0.658	0.697	0.656	0.671	0.674	0.695	0.674	2.44
9)		acrolein	0.019	0.028	0.029	0.029	0.031	0.028	0.031	0.028	14.80
10)		ethyl ether	0.161	0.145	0.170	0.162	0.161	0.164	0.170	0.162	5.08
11)		acrylonitrile	0.100	0.108	0.113	0.111	0.112	0.111	0.112	0.110	4.03
12)		1,1,2-trichloro	0.296	0.302	0.316	0.304	0.314	0.307	0.320	0.308	2.79
13)	C	1,1-dichloroeth	0.383	0.368	0.368	0.355	0.366	0.361	0.377	0.368	2.49#
14)		iodomethane	0.282	0.264	0.298	0.335	0.395	0.437	0.478	-----	
								L	M=	0.481	R=0.998
									B=	-0.052	
15)		acetone		0.105	0.091	0.077	0.076	0.071	0.072	-----	
								L	M=	0.071	R=1.000
									B=	0.004	
16)		methyl acetate	0.233	0.163	0.173	0.162	0.163	0.169	0.165	0.175	14.78
17)		carbon disulfid	0.914	0.780	0.839	0.791	0.810	0.822	0.872	0.833	5.67
18)		methylene chlor	0.483	0.441	0.371	0.414	0.421	0.411	0.378	0.417	9.08
19)		trans-1,2-dichl	0.421	0.415	0.420	0.404	0.423	0.416	0.431	0.419	1.94
20)		methyl (tert) b	0.928	0.886	0.942	0.914	0.943	0.949	0.966	0.933	2.81
21)	P	1,1-dichloroeth	0.662	0.643	0.670	0.650	0.670	0.669	0.688	0.665	2.20
22)		vinyl acetate	0.459	0.486	0.484	0.514	0.509	0.549	0.551	0.507	6.72
23)		2,2-dichloropro	0.506	0.526	0.543	0.530	0.561	0.574	0.590	0.547	5.38
24)		cis-1,2-dichlor	0.473	0.465	0.471	0.454	0.467	0.461	0.469	0.466	1.40
25)		2-butanone (MEK		0.129	0.127	0.118	0.113	0.114	0.115	0.119	5.79
26)		bromochlorometh	0.294	0.269	0.277	0.261	0.261	0.253	0.252	0.267	5.53
27)	C	chloroform	0.769	0.737	0.750	0.724	0.741	0.733	0.754	0.744	2.00#
28)		tetrahydrofuran		0.034	0.035	0.033	0.034	0.035	0.035	0.034	2.61
29)		1,1,1-trichloro	0.645	0.632	0.670	0.658	0.686	0.697	0.723	0.673	4.69
30)	S	#Dibromofluorom	0.266	0.262	0.262	0.262	0.266	0.264	0.270	0.264	1.08
31)		carbon tetrachl	0.509	0.521	0.561	0.559	0.591	0.605	0.640	0.569	8.10
32)		1,1-dichloropro	0.551	0.570	0.595	0.569	0.590	0.587	0.601	0.580	3.04
33)		cyclohexane	0.520	0.521	0.548	0.528	0.539	0.540	0.557	0.536	2.57
34)		benzene	1.677	1.667	1.726	1.660	1.672	1.656	1.686	1.678	1.40
35)		1,2-dichloroeth	0.540	0.546	0.555	0.527	0.538	0.538	0.551	0.542	1.71
36)		heptane								0.000	-1.00
37)	s	#1,2-Dichloroet	0.259	0.256	0.262	0.260	0.263	0.264	0.265	0.261	1.18
38)		trichloroethene	0.522	0.553	0.546	0.528	0.550	0.544	0.559	0.543	2.48
39)	C	1,2-dichloropro	0.374	0.372	0.375	0.360	0.370	0.374	0.381	0.372	1.74#
40)		dibromomethane	0.246	0.238	0.243	0.228	0.242	0.240	0.247	0.241	2.64
41)		bromodichlorome	0.504	0.526	0.531	0.528	0.549	0.554	0.581	0.539	4.59
42)		methylcyclohexa	0.563	0.563	0.605	0.596	0.617	0.615	0.632	0.599	4.49
43)		2-chloroethyl v	0.153	0.178	0.192	0.190	0.203	0.207	0.214	0.191	10.69
44)		cis-1,3-dichlor	0.512	0.518	0.536	0.538	0.578	0.599	0.624	0.558	7.71
45)		4-methyl-2-pent	0.218	0.199	0.210	0.214	0.232	0.234	0.238	0.221	6.57
46)	s	#Toluene-d8	1.042	1.034	1.044	1.032	1.051	1.051	1.065	1.045	1.08
47)	C	toluene	1.879	1.907	1.909	1.847	1.916	1.898	1.922	1.897	1.37#
48)		trans-1,3-dichl	0.464	0.465	0.493	0.502	0.546	0.573	0.596	0.520	10.10
49)		1,1,2-trichloro	0.299	0.272	0.277	0.266	0.281	0.278	0.284	0.280	3.75
50)		Chlorobenzene-d5	ISTD								

Method Path : C:\MSDCHEM\1\METHODS\
Method File : 8260B-B67.M
Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
Last Update : Mon Dec 27 07:37:36 2010
Response Via : Initial Calibration

51)		tetrachloroethe	0.783	0.761	0.785	0.754	0.778	0.751	0.752	0.766	1.96
52)		1,3-dichloropro	0.692	0.686	0.672	0.658	0.678	0.668	0.674	0.676	1.68
53)		2-hexanone (MBK	0.176	0.157	0.158	0.164	0.173	0.174	0.174	0.168	4.86
54)		dibromochlorome	0.429	0.428	0.453	0.456	0.486	0.508	0.518	0.468	7.79
55)		1,2-dibromoetha	0.400	0.392	0.382	0.389	0.393	0.397	0.400	0.393	1.69
56)	P	chlorobenzene	1.528	1.479	1.444	1.415	1.446	1.427	1.422	1.452	2.74
57)		1,1,1,2-tetrach	0.485	0.478	0.484	0.485	0.503	0.522	0.536	0.499	4.42
58)		1-chlorohexane	0.685	0.396	0.379	0.364	0.361	0.354	0.354	-----	
								L	M=	0.352	R=1.000
									B=	0.007	
59)	C	ethylbenzene	2.328	2.311	2.353	2.248	2.344	2.327	2.338	2.321	1.51#
60)		m+p-xylene	0.955	0.945	0.975	0.934	0.949	0.925	0.919	0.943	2.04
61)		o-xylene	0.874	0.878	0.905	0.881	0.897	0.892	0.889	0.888	1.25
62)		styrene	1.540	1.525	1.568	1.505	1.553	1.548	1.539	1.540	1.31
63)	P	bromoform	0.266	0.269	0.292	0.298	0.325	0.349	0.369	0.310	12.78
64)	S	#4-Bromofluorob	0.478	0.474	0.485	0.476	0.480	0.482	0.482	0.480	0.77
65)	I	1,4-Dichlorobenzene-d	----------ISTD----------								
66)		Isopropylbenzen	3.098	3.281	3.347	3.314	3.437	3.435	3.544	3.351	4.25
67)		bromobenzene	1.508	1.324	1.303	1.244	1.272	1.291	1.305	1.321	6.56
68)	P	1,1,2,2-tetrach	0.793	0.757	0.765	0.729	0.757	0.756	0.741	0.757	2.63
69)		1,4-dichloro-2-	0.159	0.159	0.165	0.159	0.184	0.188	0.193	0.172	8.80
70)		1,2,3-trichloro	0.929	0.773	0.801	0.785	0.829	0.854	0.869	0.834	6.55
71)		n-propylbenzene	0.976	0.965	1.017	0.981	1.021	1.018	1.038	1.002	2.77
72)		2-chlorotoluene	0.932	0.912	0.877	0.867	0.890	0.896	0.907	0.897	2.44
73)		1,3,5-trimethyl	2.525	2.669	2.727	2.662	2.735	2.780	2.789	2.698	3.36
74)		4-chlorotoluene	0.958	0.942	0.918	0.905	0.929	0.911	0.918	0.926	2.00
75)		tert-butylbenze	2.289	2.290	2.403	2.323	2.410	2.455	2.510	2.383	3.57
76)		1,2,4-trimethyl	2.686	2.650	2.751	2.685	2.785	2.805	2.855	2.745	2.72
77)		sec-butylbenzen	2.815	2.928	3.009	2.951	3.090	3.124	3.169	3.012	4.13
78)		4-isopropyltolu	2.525	2.565	2.730	2.620	2.718	2.794	2.801	2.679	4.11
79)		1,3-dichloroben	1.858	1.708	1.764	1.697	1.763	1.762	1.780	1.762	3.00
80)		1,4-dichloroben	1.946	1.829	1.803	1.730	1.782	1.819	1.830	1.820	3.62
81)		1,2-dichloroben	1.742	1.675	1.690	1.625	1.669	1.660	1.669	1.676	2.11
82)		n-butylbenzene	1.787	1.747	1.853	1.842	1.931	1.975	1.976	1.873	4.82
83)		1,2-dibromo-3-c	0.187	0.162	0.164	0.167	0.179	0.188	0.192	0.177	6.97
84)		hexachloroethan	0.210	0.186	0.198	0.207	0.237	0.281	0.322	-----	
								L	M=	0.323	R=0.995
									B=	-0.044	
85)		1,2,4-trichloro	0.957	0.875	0.900	0.870	0.928	0.933	0.953	0.917	3.83
86)		hexachlorobutad	0.521	0.470	0.466	0.455	0.483	0.487	0.494	0.482	4.50
87)		naphthalene	1.988	1.860	2.009	2.071	2.180	2.195	2.178	2.069	6.04
88)		1,2,3-trichloro	0.805	0.690	0.738	0.753	0.771	0.767	0.770	0.756	4.73
89)		2-methylnaphtha	0.672	0.555	0.643	0.666	0.743	0.747	0.712	0.677	9.87

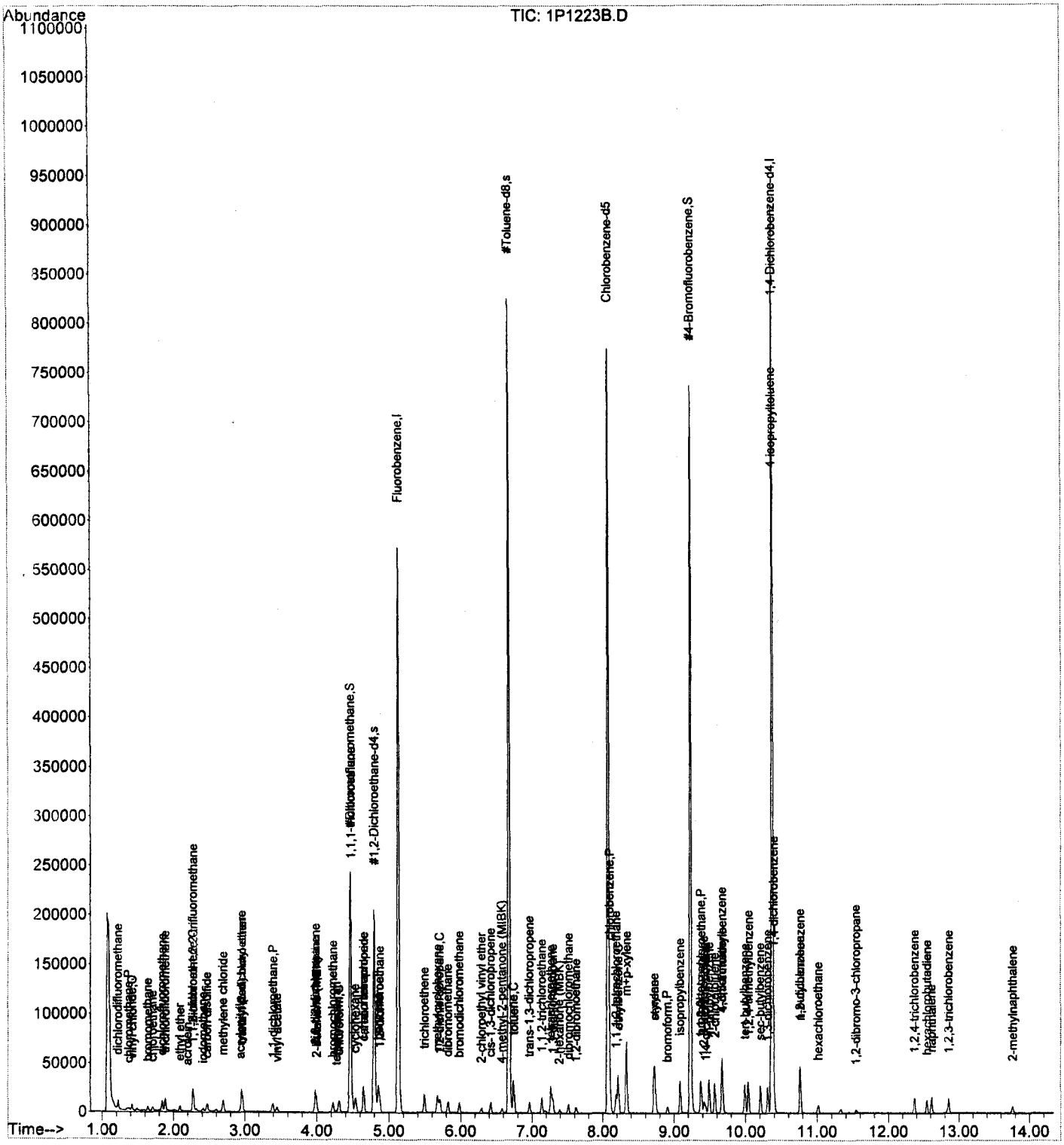
Total Average %RSD 4.40

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

8260B-B67.M Mon Dec 27 07:38:01 2010

Data Path : C:\MSDCHEM\1\DATA\12-23-10\
InstName : 224
Data File : 1P1223B.D
Acq On : 23 Dec 2010 11:47
Operator : DLV
Sample : CAL1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 23 12:01:46 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B66.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Thu Dec 16 07:44:48 2010
Response via : Initial Calibration



Data Path : C:\MSDCHEM\1\DATA\12-23-10\
InstName : 224
Data File : 1P1223B.D
Acq On : 23 Dec 2010 11:47
Operator : DLV
Sample : CAL1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 23 12:01:46 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B66.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Thu Dec 16 07:44:48 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	491669	40.00	ug/L		0.00 55.52%
50) Chlorobenzene-d5	8.08	117	449372	40.00	ug/L		0.00 60.12%
65) 1,4-Dichlorobenzene-d4	10.38	152	270787	40.00	ug/L		0.00 64.03%
System Monitoring Compounds							
30) #Dibromofluoromethane	4.47	111	130628	43.36	ug/L		0.00
Spiked Amount 40.000			Recovery = 108.40%				
37) #1,2-Dichloroethane-d4	4.80	65	127433	46.03	ug/L		0.00
Spiked Amount 40.000			Recovery = 115.07%				
46) #Toluene-d8	6.67	98	512293	40.96	ug/L		0.00
Spiked Amount 40.000			Recovery = 102.40%				
64) #4-Bromofluorobenzene	9.23	95	214888	41.32	ug/L		0.00
Spiked Amount 40.000			Recovery = 103.30%				
Target Compounds							Qvalue
2) dichlorodifluoromethane	1.22	85	5975	1.15	ug/L		100
3) chloromethane	1.38	50	5420	1.27	ug/L		91
4) vinyl chloride	1.42	62	4648	1.10	ug/L		96
5) dichlorofluoromethane	1.84	67	7603	1.23	ug/L		97
6) bromomethane	1.65	94	2084	0.96	ug/L		96
7) chloroethane	1.71	64	3257	1.26	ug/L		95
8) trichlorofluoromethane	1.88	101	8213	1.28	ug/L		95
9) acrolein	2.19	56	232	0.61	ug/L	#	1
10) ethyl ether	2.08	74	1984	1.08	ug/L	#	50
11) acrylonitrile	2.93	53	1234	0.92	ug/L	#	73
12) 1,1,2-trichloro-1,2,2-trif	2.27	101	3634	1.06	ug/L		85
13) 1,1-dichloroethene	2.27	96	4704	1.28	ug/L		90
14) iodomethane	2.41	142	3471	3.80	ug/L		98
15) acetone	2.32	43	3230	Below Cal			94
16) methyl acetate	2.60	43	2868	Below Cal		#	99
17) carbon disulfide	2.47	76	11239	1.27	ug/L		92
18) methylene chloride	2.69	49	5932	1.68	ug/L		94
19) trans-1,2-dichloroethene	2.96	96	5172	1.22	ug/L		93
20) methyl (tert) butyl ether	2.96	73	11411	1.05	ug/L		95
21) 1,1-dichloroethane	3.40	63	8140	1.24	ug/L		94
22) vinyl acetate	3.44	43	5643	0.97	ug/L		99
23) 2,2-dichloropropane	3.98	77	6223	1.19	ug/L		91
24) cis-1,2-dichloroethene	3.98	96	5818	1.23	ug/L		97
25) 2-butanone (MEK)	4.00	43	2512	1.85	ug/L		93
26) bromochloromethane	4.22	49	3610	1.41	ug/L		83
27) chloroform	4.31	83	9451	1.35	ug/L		93
28) tetrahydrofuran	4.27	71	191	0.49	ug/L	#	89
29) 1,1,1-trichloroethane	4.48	97	7928	1.30	ug/L		98
31) carbon tetrachloride	4.65	117	6262	1.42	ug/L		93
32) 1,1-dichloropropene	4.65	75	6768	1.20	ug/L		96
33) cyclohexane	4.54	56	6397	1.03	ug/L		92
34) benzene	4.86	78	20609	1.19	ug/L		92
35) 1,2-dichloroethane	4.88	62	6642	1.41	ug/L		99
36) heptane	5.13	57	12860	No Calib		#	

Data Path : C:\MSDCHEM\1\DATA\12-23-10\
InstName : 224
Data File : 1P1223B.D
Acq On : 23 Dec 2010 11:47
Operator : DLV
Sample : CAL1
Misc :
ALS Vial : 2 Sample Multiplier: 1

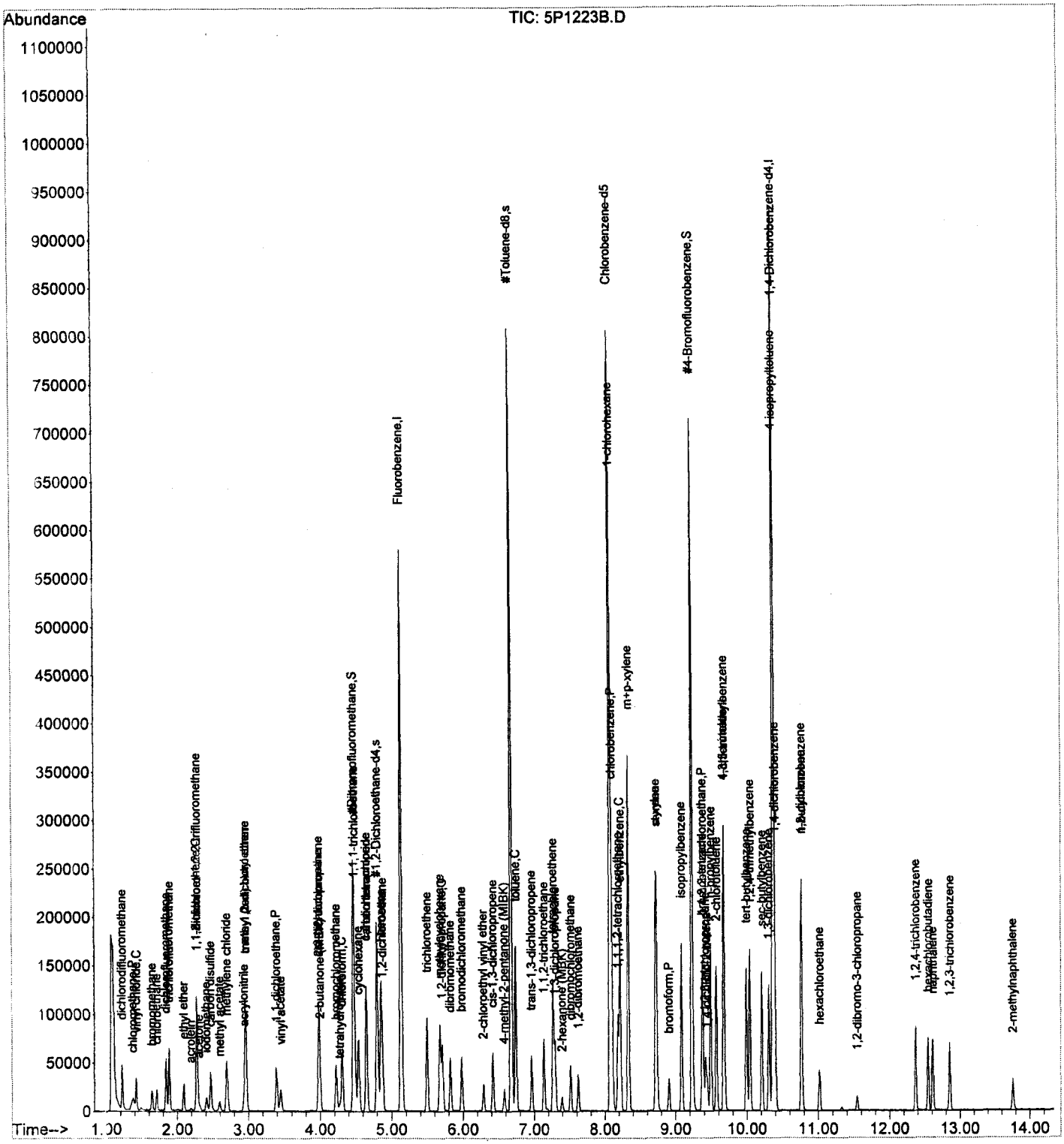
Quant Time: Dec 23 12:01:46 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B66.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Thu Dec 16 07:44:48 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
38) trichloroethene	5.49	130	6420	1.19	ug/L		97
39) 1,2-dichloropropane	5.71	63	4601	1.21	ug/L	#	93
40) dibromomethane	5.82	93	3027	1.29	ug/L		93
41) bromodichloromethane	5.98	83	6199	1.28	ug/L		94
42) methylcyclohexane	5.68	83	6916	0.99	ug/L		99
43) 2-chloroethyl vinyl ether	6.29	63	1882	0.80	ug/L		89
44) cis-1,3-dichloropropene	6.42	75	6291	1.08	ug/L		87
45) 4-methyl-2-pentanone (MIBK	6.58	43	2680	1.03	ug/L		93
47) toluene	6.74	91	23096	1.19	ug/L		96
48) trans-1,3-dichloropropene	6.96	75	5703	1.06	ug/L		95
49) 1,1,2-trichloroethane	7.14	83	3678	1.30	ug/L		90
51) tetrachloroethene	7.27	166	8793	1.02	ug/L		97
52) 1,3-dichloropropane	7.30	76	7777	1.16	ug/L		97
53) 2-hexanone (MBK)	7.39	43	1982	1.03	ug/L		89
54) dibromochloromethane	7.52	129	4814	1.17	ug/L		93
55) 1,2-dibromoethane	7.62	109	4498	1.16	ug/L		97
56) chlorobenzene	8.10	112	17167	1.19	ug/L		91
57) 1,1,1,2-tetrachloroethane	8.19	131	5454	1.23	ug/L		91
58) 1-chlorohexane	8.08	55	7692	Below Cal			83
59) ethylbenzene	8.22	91	26152	1.14	ug/L		98
60) m+p-xylene	8.33	106	21466	2.30	ug/L		96
61) o-xylene	8.72	106	9815	1.11	ug/L		96
62) styrene	8.74	104	17299	1.13	ug/L		100
63) bromoform	8.91	173	2988	3.56	ug/L		87
66) isopropylbenzene	9.08	105	20975	0.98	ug/L		93
67) bromobenzene	9.38	77	10212	1.25	ug/L		92
68) 1,1,2,2-tetrachloroethane	9.39	83	5366	1.06	ug/L	#	93
69) 1,4-dichloro-2-butene	9.45	53	1073	0.87	ug/L	#	1
70) 1,2,3-trichloropropane	9.42	75	6290	1.11	ug/L		84
71) n-propylbenzene	9.49	120	6609	1.05	ug/L	#	89
72) 2-chlorotoluene	9.57	126	6309	1.12	ug/L		90
73) 1,3,5-trimethylbenzene	9.67	105	17095	1.02	ug/L		98
74) 4-chlorotoluene	9.68	126	6482	1.13	ug/L	#	90
75) tert-butylbenzene	9.99	119	15497	1.04	ug/L		100
76) 1,2,4-trimethylbenzene	10.04	105	18184	1.07	ug/L		95
77) sec-butylbenzene	10.21	105	19054	1.01	ug/L		96
78) 4-isopropyltoluene	10.36	119	17091	1.04	ug/L		98
79) 1,3-dichlorobenzene	10.31	146	12581	1.16	ug/L		99
80) 1,4-dichlorobenzene	10.40	146	13177	1.17	ug/L		97
81) 1,2-dichlorobenzene	10.77	146	11795	1.13	ug/L		98
82) n-butylbenzene	10.77	91	12099	1.04	ug/L		97
83) 1,2-dibromo-3-chloropropan	11.54	157	1265	1.13	ug/L		88
84) hexachloroethane	11.01	201	1421	6.29	ug/L	#	42
85) 1,2,4-trichlorobenzene	12.37	180	6476	1.13	ug/L		99
86) hexachlorobutadiene	12.55	225	3530	1.26	ug/L		82
87) naphthalene	12.61	128	13459	1.00	ug/L		97
88) 1,2,3-trichlorobenzene	12.85	180	5448	1.16	ug/L		93
89) 2-methylnaphthalene	13.76	142	4552	0.98	ug/L		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\MSDCHEM\1\DATA\12-23-10\
InstName : 224
Data File : 5P1223B.D
Acq On : 23 Dec 2010 12:23
Operator : DLV
Sample : CAL2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 23 12:38:13 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B66.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Thu Dec 16 07:44:48 2010
Response via : Initial Calibration



Data Path : C:\MSDCHEM\1\DATA\12-23-10\
InstName : 224
Data File : 5P1223B.D
Acq On : 23 Dec 2010 12:23
Operator : DLV
Sample : CAL2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 23 12:38:13 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B66.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Thu Dec 16 07:44:48 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	489349	40.00	ug/L	0.00 55.26%
50) Chlorobenzene-d5	8.08	117	443006	40.00	ug/L	0.00 59.27%
65) 1,4-Dichlorobenzene-d4	10.38	152	269390	40.00	ug/L	0.00 63.70%
System Monitoring Compounds						
30) #Dibromofluoromethane	4.47	111	128032	42.70	ug/L	0.00
Spiked Amount 40.000			Recovery =	106.75%		
37) #1,2-Dichloroethane-d4	4.80	65	125339	45.49	ug/L	0.00
Spiked Amount 40.000			Recovery =	113.73%		
46) #Toluene-d8	6.67	98	505785	40.64	ug/L	0.00
Spiked Amount 40.000			Recovery =	101.60%		
64) #4-Bromofluorobenzene	9.23	95	210094	40.98	ug/L	0.00
Spiked Amount 40.000			Recovery =	102.45%		
Target Compounds						Qvalue
2) dichlorodifluoromethane	1.22	85	30265	5.84	ug/L	97
3) chloromethane	1.38	50	22970	5.42	ug/L	99
4) vinyl chloride	1.42	62	22468	5.36	ug/L	96
5) dichlorofluoromethane	1.84	67	38366	6.22	ug/L	98
6) bromomethane	1.64	94	10881	5.02	ug/L	95
7) chloroethane	1.71	64	14223	5.52	ug/L	99
8) trichlorofluoromethane	1.88	101	40229	6.28	ug/L	98
9) acrolein	2.19	56	1740	4.61	ug/L #	58
10) ethyl ether	2.09	74	8896	4.88	ug/L #	60
11) acrylonitrile	2.93	53	6597	4.97	ug/L	90
12) 1,1,2-trichloro-1,2,2-trif	2.27	101	18445	5.42	ug/L	92
13) 1,1-dichloroethene	2.27	96	22533	6.15	ug/L	86
14) iodomethane	2.41	142	16127	6.21	ug/L	95
15) acetone	2.31	43	6450	0.74	ug/L	100
16) methyl acetate	2.60	43	9952	3.80	ug/L	65
17) carbon disulfide	2.47	76	47726	5.41	ug/L	99
18) methylene chloride	2.69	49	26976	7.69	ug/L	94
19) trans-1,2-dichloroethene	2.96	96	25387	6.03	ug/L	95
20) methyl (tert) butyl ether	2.96	73	54215	5.00	ug/L	100
21) 1,1-dichloroethane	3.39	63	39359	6.04	ug/L	99
22) vinyl acetate	3.45	43	29755	5.13	ug/L	100
23) 2,2-dichloropropane	3.98	77	32187	6.20	ug/L	93
24) cis-1,2-dichloroethene	3.98	96	28446	6.03	ug/L	94
25) 2-butanone (MEK)	4.00	43	7883	5.83	ug/L	92
26) bromochloromethane	4.22	49	16459	6.46	ug/L	92
27) chloroform	4.31	83	45071	6.48	ug/L	96
28) tetrahydrofuran	4.27	71	2088	5.33	ug/L #	52
29) 1,1,1-trichloroethane	4.49	97	38669	6.38	ug/L	98
31) carbon tetrachloride	4.65	117	31868	7.26	ug/L	99
32) 1,1-dichloropropene	4.65	75	34864	6.23	ug/L	97
33) cyclohexane	4.54	56	31883	5.15	ug/L	97
34) benzene	4.86	78	101983	5.94	ug/L	93
35) 1,2-dichloroethane	4.88	62	33387	7.13	ug/L	98
36) heptane	5.13	57	12891	No Calib	#	

Data Path : C:\MSDCHEM\1\DATA\12-23-10\
InstName : 224
Data File : 5P1223B.D
Acq On : 23 Dec 2010 12:23
Operator : DLV
Sample : CAL2
Misc :
ALS Vial : 3 Sample Multiplier: 1

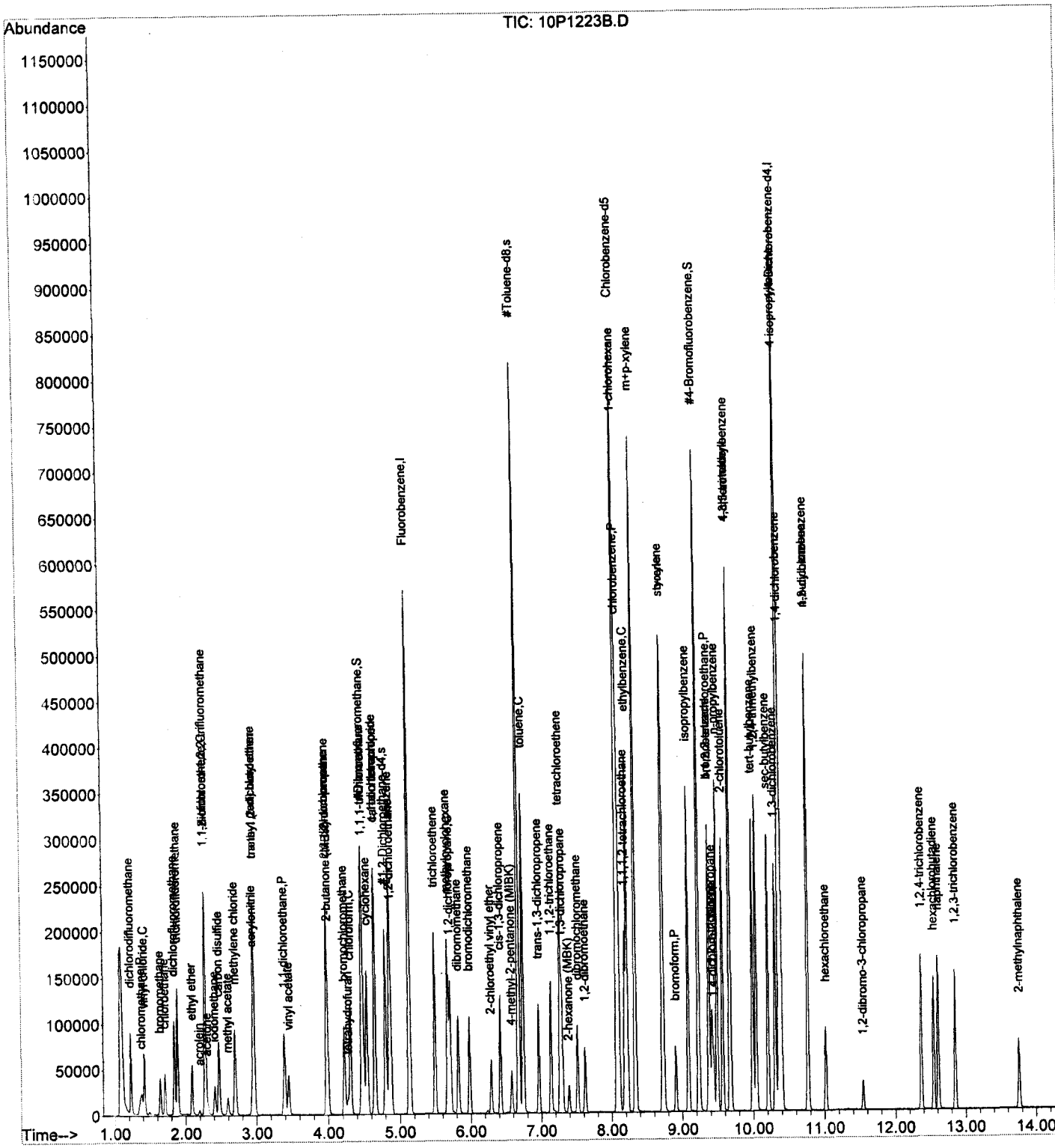
Quant Time: Dec 23 12:38:13 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B66.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Thu Dec 16 07:44:48 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
38) trichloroethene	5.49	130	33846	6.32	ug/L		92
39) 1,2-dichloropropane	5.71	63	22765	6.03	ug/L		92
40) dibromomethane	5.82	93	14572	6.25	ug/L		98
41) bromodichloromethane	5.98	83	32146	6.68	ug/L		96
42) methylcyclohexane	5.67	83	34426	4.96	ug/L		97
43) 2-chloroethyl vinyl ether	6.28	63	10918	4.69	ug/L		95
44) cis-1,3-dichloropropene	6.42	75	31656	5.45	ug/L		98
45) 4-methyl-2-pentanone (MIBK	6.58	43	12158	4.68	ug/L		97
47) toluene	6.74	91	116677	6.04	ug/L		96
48) trans-1,3-dichloropropene	6.96	75	28422	5.33	ug/L		98
49) 1,1,2-trichloroethane	7.14	83	16624	5.90	ug/L		96
51) tetrachloroethene	7.27	166	42115	4.97	ug/L		97
52) 1,3-dichloropropane	7.30	76	37971	5.77	ug/L		98
53) 2-hexanone (MBK)	7.39	43	8698	4.60	ug/L		87
54) dibromochloromethane	7.52	129	23708	5.84	ug/L		94
55) 1,2-dibromoethane	7.62	109	21720	5.66	ug/L		96
56) chlorobenzene	8.10	112	81893	5.75	ug/L	#	81
57) 1,1,1,2-tetrachloroethane	8.19	131	26496	6.05	ug/L		90
58) 1-chlorohexane	8.09	55	21933	4.12	ug/L	#	73
59) ethylbenzene	8.22	91	127986	5.66	ug/L		99
60) m+p-xylene	8.33	106	104643	11.36	ug/L		93
61) o-xylene	8.72	106	48626	5.58	ug/L		96
62) styrene	8.74	104	84431	5.59	ug/L		99
63) bromoform	8.91	173	14876	7.33	ug/L		95
66) isopropylbenzene	9.08	105	110472	5.17	ug/L		99
67) bromobenzene	9.38	77	44568	5.46	ug/L		99
68) 1,1,2,2-tetrachloroethane	9.38	83	25501	5.04	ug/L	#	99
69) 1,4-dichloro-2-butene	9.44	53	5369	4.36	ug/L	#	1
70) 1,2,3-trichloropropane	9.42	75	26025	4.63	ug/L		89
71) n-propylbenzene	9.49	120	32490	5.21	ug/L		93
72) 2-chlorotoluene	9.57	126	30694	5.48	ug/L		96
73) 1,3,5-trimethylbenzene	9.67	105	89875	5.42	ug/L		96
74) 4-chlorotoluene	9.68	126	31704	5.56	ug/L		92
75) tert-butylbenzene	9.99	119	77099	5.21	ug/L		100
76) 1,2,4-trimethylbenzene	10.04	105	89240	5.27	ug/L		100
77) sec-butylbenzene	10.21	105	98609	5.23	ug/L		97
78) 4-isopropyltoluene	10.36	119	86372	5.29	ug/L		97
79) 1,3-dichlorobenzene	10.31	146	57511	5.32	ug/L		97
80) 1,4-dichlorobenzene	10.40	146	61592	5.51	ug/L		87
81) 1,2-dichlorobenzene	10.77	146	56398	5.44	ug/L		98
82) n-butylbenzene	10.77	91	58818	5.09	ug/L		100
83) 1,2-dibromo-3-chloropropan	11.54	157	5458	4.89	ug/L		96
84) hexachloroethane	11.02	201	6249	12.73	ug/L	#	51
85) 1,2,4-trichlorobenzene	12.37	180	29478	5.18	ug/L		97
86) hexachlorobutadiene	12.55	225	15826	5.70	ug/L		88
87) naphthalene	12.61	128	62643	4.70	ug/L		99
88) 1,2,3-trichlorobenzene	12.85	180	23220	4.97	ug/L		94
89) 2-methylnaphthalene	13.76	142	18681	4.06	ug/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\MSDCHEM\1\DATA\12-23-10\
InstName : 224
Data File : 10P1223B.D
Acq On : 23 Dec 2010 13:00
Operator : DLV
Sample : CAL3
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 23 13:14:44 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B66.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Thu Dec 16 07:44:48 2010
Response via : Initial Calibration



Data Path : C:\MSDCHEM\1\DATA\12-23-10\
InstName : 224
Data File : 10P1223B.D
Acq On : 23 Dec 2010 13:00
Operator : DLV
Sample : CAL3
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 23 13:14:44 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B66.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Thu Dec 16 07:44:48 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	485284	40.00	ug/L		0.00 54.80%
50) Chlorobenzene-d5	8.08	117	441487	40.00	ug/L		0.00 59.07%
65) 1,4-Dichlorobenzene-d4	10.38	152	267544	40.00	ug/L		0.00 63.27%
System Monitoring Compounds							
30) #Dibromofluoromethane	4.47	111	127072	42.74	ug/L		0.00
Spiked Amount 40.000			Recovery =	106.85%			
37) #1,2-Dichloroethane-d4	4.80	65	126935	46.46	ug/L		0.00
Spiked Amount 40.000			Recovery =	116.15%			
46) #Toluene-d8	6.67	98	506456	41.03	ug/L		0.00
Spiked Amount 40.000			Recovery =	102.57%			
64) #4-Bromofluorobenzene	9.23	95	213943	41.87	ug/L		0.00
Spiked Amount 40.000			Recovery =	104.67%			
Target Compounds							Qvalue
2) dichlorodifluoromethane	1.22	85	61701	12.01	ug/L		98
3) chloromethane	1.38	50	46758	11.12	ug/L		99
4) vinyl chloride	1.42	62	46107	11.09	ug/L		92
5) dichlorofluoromethane	1.84	67	77676	12.69	ug/L		97
6) bromomethane	1.64	94	22014	10.24	ug/L		96
7) chloroethane	1.71	64	28466	11.14	ug/L		98
8) trichlorofluoromethane	1.88	101	84549	13.30	ug/L		99
9) acrolein	2.19	56	3550	9.49	ug/L	#	63
10) ethyl ether	2.08	74	20676	11.43	ug/L	#	48
11) acrylonitrile	2.94	53	13728	10.42	ug/L		87
12) 1,1,2-trichloro-1,2,2-trif	2.27	101	38282	11.34	ug/L		92
13) 1,1-dichloroethene	2.28	96	44603	12.28	ug/L	#	79
14) iodomethane	2.41	142	36101	10.05	ug/L		95
15) acetone	2.31	43	10993	8.15	ug/L		93
16) methyl acetate	2.60	43	20939	10.77	ug/L		69
17) carbon disulfide	2.47	76	101841	11.64	ug/L		99
18) methylene chloride	2.69	49	45021	12.94	ug/L		96
19) trans-1,2-dichloroethene	2.96	96	50954	12.20	ug/L		92
20) methyl (tert) butyl ether	2.96	73	114342	10.63	ug/L		99
21) 1,1-dichloroethane	3.39	63	81310	12.58	ug/L		97
22) vinyl acetate	3.45	43	58701	10.21	ug/L		97
23) 2,2-dichloropropane	3.98	77	65890	12.80	ug/L		98
24) cis-1,2-dichloroethene	3.98	96	57160	12.23	ug/L		96
25) 2-butanone (MEK)	4.00	43	15373	11.46	ug/L		97
26) bromochloromethane	4.22	49	33594	13.31	ug/L		92
27) chloroform	4.31	83	90970	13.19	ug/L		98
28) tetrahydrofuran	4.27	71	4258	10.96	ug/L	#	59
29) 1,1,1-trichloroethane	4.49	97	81335	13.54	ug/L		99
31) carbon tetrachloride	4.65	117	68084	15.64	ug/L		97
32) 1,1-dichloropropene	4.65	75	72193	13.02	ug/L		97
33) cyclohexane	4.54	56	66494	10.84	ug/L		97
34) benzene	4.86	78	209351	12.30	ug/L		94
35) 1,2-dichloroethane	4.88	62	67388	14.51	ug/L		100
36) heptane	5.13	57	12669	No Calib		#	

Data Path : C:\MSDCHEM\1\DATA\12-23-10\
InstName : 224
Data File : 10P1223B.D
Acq On : 23 Dec 2010 13:00
Operator : DLV
Sample : CAL3
Misc :
ALS Vial : 4 Sample Multiplier: 1

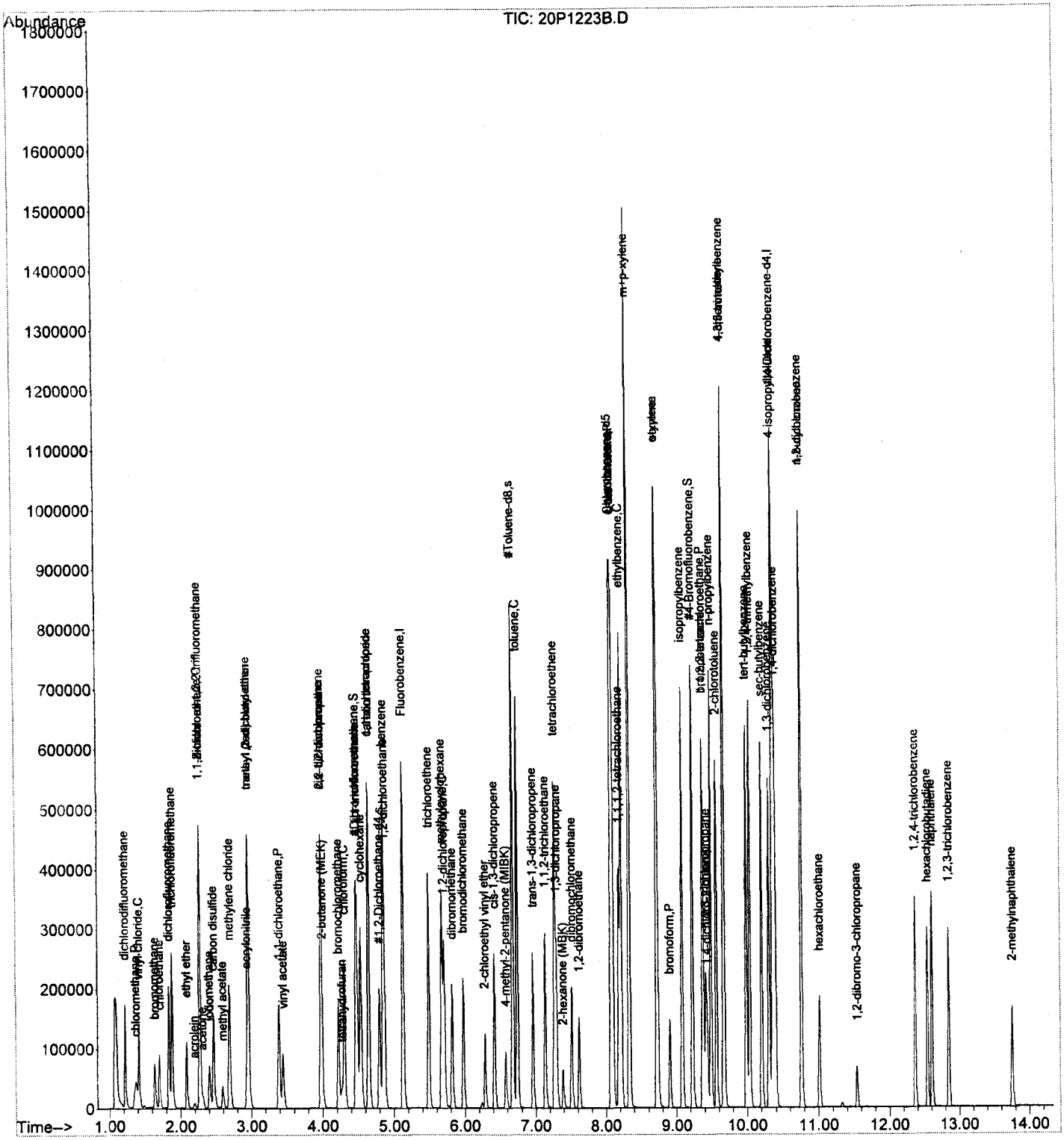
Quant Time: Dec 23 13:14:44 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B66.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Thu Dec 16 07:44:48 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
38) trichloroethene	5.49	130	66246	12.47	ug/L		96
39) 1,2-dichloropropane	5.71	63	45553	12.17	ug/L		88
40) dibromomethane	5.82	93	29519	12.76	ug/L		98
41) bromodichloromethane	5.98	83	64382	13.49	ug/L		95
42) methylcyclohexane	5.68	83	73421	10.67	ug/L		98
43) 2-chloroethyl vinyl ether	6.28	63	23268	10.08	ug/L		95
44) cis-1,3-dichloropropene	6.42	75	65054	11.29	ug/L		99
45) 4-methyl-2-pentanone (MIBK	6.58	43	25522	9.90	ug/L		96
47) toluene	6.74	91	231593	12.10	ug/L		99
48) trans-1,3-dichloropropene	6.96	75	59832	11.31	ug/L		99
49) 1,1,2-trichloroethane	7.14	83	33565	12.01	ug/L		95
51) tetrachloroethene	7.27	166	86600	10.25	ug/L		96
52) 1,3-dichloropropane	7.30	76	74213	11.31	ug/L		100
53) 2-hexanone (MBK)	7.39	43	17410	9.23	ug/L		88
54) dibromochloromethane	7.52	129	50019	12.36	ug/L		94
55) 1,2-dibromoethane	7.62	109	42168	11.04	ug/L		97
56) chlorobenzene	8.10	112	159352	11.24	ug/L	#	81
57) 1,1,1,2-tetrachloroethane	8.19	131	53410	12.25	ug/L		91
58) 1-chlorohexane	8.09	55	41856	10.00	ug/L	#	64
59) ethylbenzene	8.22	91	259726	11.52	ug/L		99
60) m+p-xylene	8.33	106	215256	23.44	ug/L		95
61) o-xylene	8.72	106	99894	11.51	ug/L		97
62) styrene	8.74	104	173012	11.49	ug/L		99
63) bromoform	8.91	173	32181	12.83	ug/L		96
66) isopropylbenzene	9.08	105	223890	10.56	ug/L		99
67) bromobenzene	9.38	77	87147	10.75	ug/L		97
68) 1,1,2,2-tetrachloroethane	9.38	83	51137	10.18	ug/L	#	99
69) 1,4-dichloro-2-butene	9.44	53	11033	9.02	ug/L	#	1
70) 1,2,3-trichloropropane	9.42	75	53585	9.60	ug/L		90
71) n-propylbenzene	9.49	120	68008	10.97	ug/L		93
72) 2-chlorotoluene	9.57	126	58688	10.54	ug/L	#	87
73) 1,3,5-trimethylbenzene	9.67	105	182412	11.07	ug/L		97
74) 4-chlorotoluene	9.68	126	61382	10.84	ug/L		97
75) tert-butylbenzene	9.99	119	160701	10.93	ug/L		99
76) 1,2,4-trimethylbenzene	10.04	105	184009	10.94	ug/L		98
77) sec-butylbenzene	10.20	105	201265	10.76	ug/L		96
78) 4-isopropyltoluene	10.36	119	182584	11.26	ug/L		96
79) 1,3-dichlorobenzene	10.31	146	117979	10.98	ug/L		97
80) 1,4-dichlorobenzene	10.39	146	120577	10.87	ug/L		88
81) 1,2-dichlorobenzene	10.77	146	113037	10.97	ug/L		98
82) n-butylbenzene	10.77	91	123925	10.80	ug/L		98
83) 1,2-dibromo-3-chloropropan	11.55	157	10967	9.89	ug/L		98
84) hexachloroethane	11.02	201	13220	21.53	ug/L	#	51
85) 1,2,4-trichlorobenzene	12.37	180	60220	10.66	ug/L		99
86) hexachlorobutadiene	12.55	225	31189	11.30	ug/L		92
87) naphthalene	12.61	128	134372	10.14	ug/L		98
88) 1,2,3-trichlorobenzene	12.85	180	49368	10.63	ug/L		96
89) 2-methylnaphthalene	13.76	142	43000	9.41	ug/L		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\MSDChem\1\DATA\12-23-10\
InstName : 224
Data File : 20P1223B.D
Acq On : 23 Dec 2010 13:37
Operator : DLV
Sample : CAL4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 23 13:51:25 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B66.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Thu Dec 16 07:44:48 2010
Response via : Initial Calibration



Quantitation Report (Not Edited)

Data Path : C:\MSDChem\1\DATA\12-23-10\
InstName : 224
Data File : 20P1223B.D
Acq On : 23 Dec 2010 13:37
Operator : DLV
Sample : CAL4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 23 13:51:25 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B66.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Thu Dec 16 07:44:48 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	499687	40.00	ug/L		0.00 56.43%
50) Chlorobenzene-d5	8.08	117	455587	40.00	ug/L		0.00 60.95%
65) 1,4-Dichlorobenzene-d4	10.38	152	277485	40.00	ug/L		0.00 65.62%
System Monitoring Compounds							
30) #Dibromofluoromethane	4.47	111	131107	42.82	ug/L		0.00
Spiked Amount 40.000			Recovery = 107.05%				
37) #1,2-Dichloroethane-d4	4.80	65	129962	46.19	ug/L		0.00
Spiked Amount 40.000			Recovery = 115.47%				
46) #Toluene-d8	6.67	98	515826	40.58	ug/L		0.00
Spiked Amount 40.000			Recovery = 101.45%				
64) #4-Bromofluorobenzene	9.23	95	216796	41.12	ug/L		0.00
Spiked Amount 40.000			Recovery = 102.80%				
Target Compounds							Qvalue
2) dichlorodifluoromethane	1.22	85	115261	21.79	ug/L		98
3) chloromethane	1.37	50	88557	20.45	ug/L		100
4) vinyl chloride	1.42	62	93730	21.89	ug/L		93
5) dichlorofluoromethane	1.84	67	152430	24.18	ug/L		98
6) bromomethane	1.64	94	41392	18.69	ug/L		94
7) chloroethane	1.71	64	57965	22.03	ug/L		97
8) trichlorofluoromethane	1.88	101	163789	25.03	ug/L		98
9) acrolein	2.19	56	7181	18.65	ug/L	#	61
10) ethyl ether	2.09	74	40516	21.75	ug/L	#	48
11) acrylonitrile	2.93	53	27642	20.38	ug/L		88
12) 1,1,2-trichloro-1,2,2-trif	2.27	101	75956	21.85	ug/L		93
13) 1,1-dichloroethene	2.27	96	88789	23.75	ug/L		84
14) iodomethane	2.41	142	83607	18.66	ug/L		94
15) acetone	2.32	43	19132	20.37	ug/L		87
16) methyl acetate	2.60	43	40522	22.37	ug/L		71
17) carbon disulfide	2.47	76	197697	21.95	ug/L		99
18) methylene chloride	2.69	49	103355	28.86	ug/L		96
19) trans-1,2-dichloroethene	2.96	96	100990	23.48	ug/L		93
20) methyl (tert) butyl ether	2.96	73	228358	20.62	ug/L		98
21) 1,1-dichloroethane	3.39	63	162408	24.40	ug/L		96
22) vinyl acetate	3.45	43	128403	21.70	ug/L		98
23) 2,2-dichloropropane	3.98	77	132375	24.98	ug/L		95
24) cis-1,2-dichloroethene	3.98	96	113543	23.59	ug/L		95
25) 2-butanone (MEK)	4.00	43	29492	21.34	ug/L		95
26) bromochloromethane	4.22	49	65140	25.06	ug/L		91
27) chloroform	4.31	83	180886	25.48	ug/L		98
28) tetrahydrofuran	4.27	71	8335	20.83	ug/L	#	67
29) 1,1,1-trichloroethane	4.49	97	164316	26.57	ug/L		100
31) carbon tetrachloride	4.65	117	139601	31.14	ug/L		97
32) 1,1-dichloropropene	4.65	75	142284	24.92	ug/L		97
33) cyclohexane	4.54	56	131814	20.86	ug/L		98
34) benzene	4.86	78	414730	23.66	ug/L		95
35) 1,2-dichloroethane	4.88	62	131788	27.57	ug/L		99
36) heptane	5.13	57	13569	No Calib		#	

Data Path : C:\MSDChem\1\DATA\12-23-10\
InstName : 224
Data File : 20P1223B.D
Acq On : 23 Dec 2010 13:37
Operator : DLV
Sample : CAL4
Misc :
ALS Vial : 5 Sample Multiplier: 1

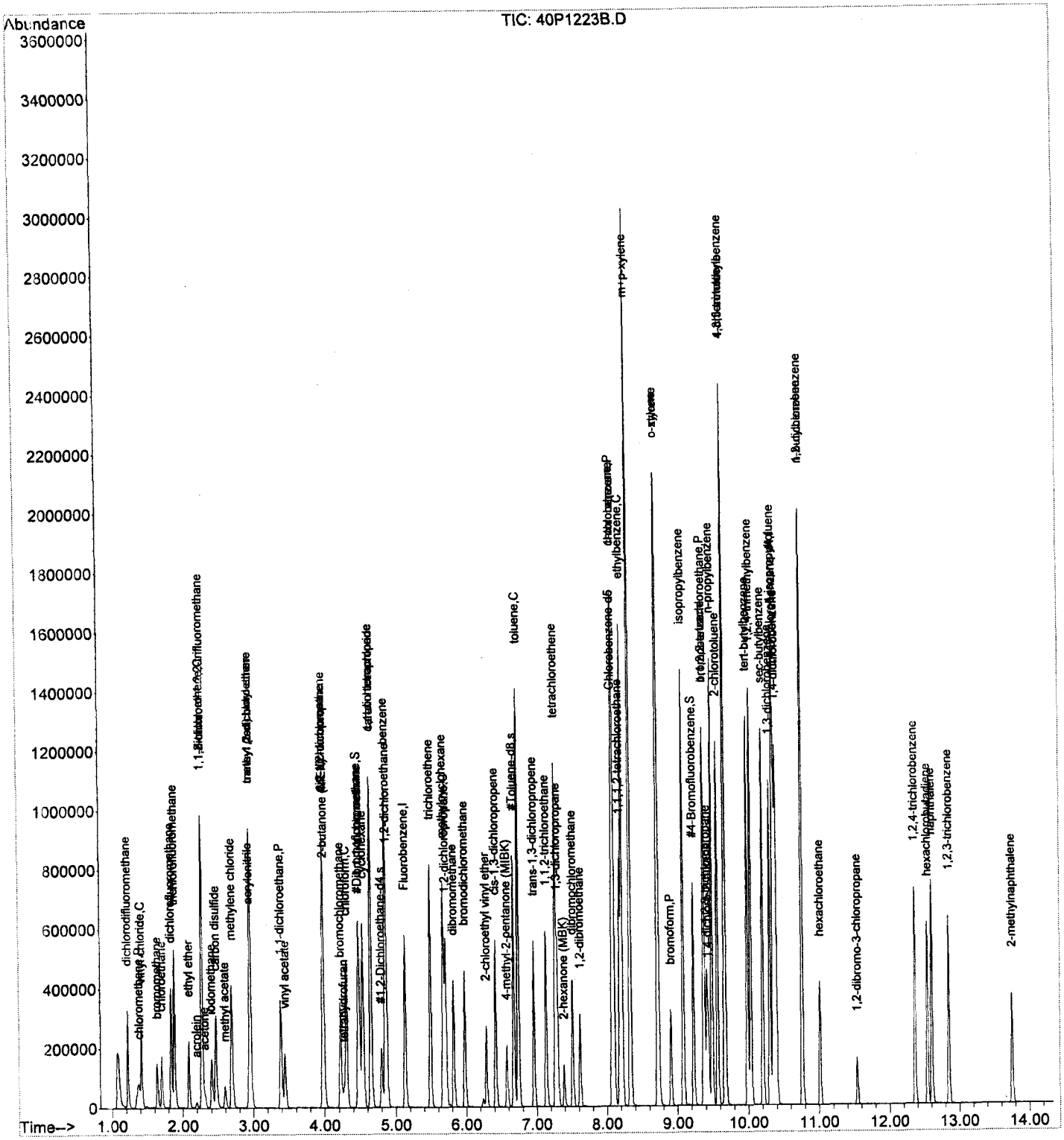
Quant Time: Dec 23 13:51:25 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B66.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Thu Dec 16 07:44:48 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
38) trichloroethene	5.49	130	131930	24.12	ug/L		95
39) 1,2-dichloropropane	5.71	63	89840	23.31	ug/L		88
40) dibromomethane	5.82	93	56951	23.91	ug/L		97
41) bromodichloromethane	5.98	83	131870	26.83	ug/L		96
42) methylcyclohexane	5.67	83	148870	21.01	ug/L		98
43) 2-chloroethyl vinyl ether	6.28	63	47427	19.95	ug/L		96
44) cis-1,3-dichloropropene	6.42	75	134321	22.64	ug/L		98
45) 4-methyl-2-pentanone (MIBK	6.58	43	53374	20.11	ug/L		96
47) toluene	6.74	91	461522	23.41	ug/L		98
48) trans-1,3-dichloropropene	6.96	75	125434	23.02	ug/L		98
49) 1,1,2-trichloroethane	7.14	83	66546	23.13	ug/L		96
51) tetrachloroethene	7.27	166	171732	19.69	ug/L		97
52) 1,3-dichloropropane	7.30	76	149814	22.12	ug/L		99
53) 2-hexanone (MBK)	7.39	43	37392	19.22	ug/L		88
54) dibromochloromethane	7.52	129	103955	24.90	ug/L		92
55) 1,2-dibromoethane	7.62	109	88528	22.45	ug/L		99
56) chlorobenzene	8.10	112	322329	22.02	ug/L	#	79
57) 1,1,1,2-tetrachloroethane	8.19	131	110584	24.57	ug/L		90
58) 1-chlorohexane	8.09	55	82903	21.31	ug/L	#	60
59) ethylbenzene	8.22	91	512151	22.00	ug/L		100
60) m+p-xylene	8.33	106	425502	44.90	ug/L		94
61) o-xylene	8.72	106	200777	22.42	ug/L		99
62) styrene	8.74	104	342816	22.07	ug/L		100
63) bromoform	8.91	173	67817	23.46	ug/L		97
66) isopropylbenzene	9.08	105	459766	20.91	ug/L		99
67) bromobenzene	9.38	77	172540	20.53	ug/L		97
68) 1,1,2,2-tetrachloroethane	9.38	83	101142	19.42	ug/L	#	99
69) 1,4-dichloro-2-butene	9.44	53	22074	17.39	ug/L	#	1
70) 1,2,3-trichloropropane	9.42	75	108925	18.82	ug/L		88
71) n-propylbenzene	9.49	120	136046	21.17	ug/L		96
72) 2-chlorotoluene	9.57	126	120262	20.83	ug/L		93
73) 1,3,5-trimethylbenzene	9.67	105	369286	21.61	ug/L		98
74) 4-chlorotoluene	9.68	126	125531	21.38	ug/L		93
75) tert-butylbenzene	9.99	119	322312	21.13	ug/L		98
76) 1,2,4-trimethylbenzene	10.04	105	372537	21.35	ug/L		99
77) sec-butylbenzene	10.21	105	409413	21.10	ug/L		97
78) 4-isopropyltoluene	10.36	119	363501	21.62	ug/L		97
79) 1,3-dichlorobenzene	10.31	146	235480	21.14	ug/L		96
80) 1,4-dichlorobenzene	10.40	146	240000	20.86	ug/L		88
81) 1,2-dichlorobenzene	10.77	146	225509	21.10	ug/L		97
82) n-butylbenzene	10.76	91	255605	21.48	ug/L		98
83) 1,2-dibromo-3-chloropropan	11.55	157	23227	20.19	ug/L		96
84) hexachloroethane	11.02	201	28661	37.86	ug/L	#	48
85) 1,2,4-trichlorobenzene	12.37	180	120761	20.61	ug/L		96
86) hexachlorobutadiene	12.55	225	63183	22.08	ug/L		91
87) naphthalene	12.61	128	287279	20.91	ug/L		99
88) 1,2,3-trichlorobenzene	12.85	180	104453	21.68	ug/L		100
89) 2-methylnaphthalene	13.76	142	92367	19.48	ug/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\MSDChem\1\DATA\12-23-10\
InstName : 224
Data File : 40P1223B.D
Acq On : 23 Dec 2010 14:13
Operator : DLV
Sample : CAL5
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 23 14:28:05 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B66.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Thu Dec 16 07:44:48 2010
Response via : Initial Calibration



Data Path : C:\MSDChem\1\DATA\12-23-10\
InstName : 224
Data File : 40P1223B.D
Acq On : 23 Dec 2010 14:13
Operator : DLV
Sample : CAL5
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 23 14:28:05 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B66.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Thu Dec 16 07:44:48 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	495489	40.00	ug/L		0.00 55.96%
50) Chlorobenzene-d5	8.08	117	453134	40.00	ug/L		0.00 60.62%
65) 1,4-Dichlorobenzene-d4	10.38	152	273742	40.00	ug/L		0.00 64.73%
System Monitoring Compounds							
30) #Dibromofluoromethane	4.47	111	131717	43.39	ug/L		0.00
Spiked Amount 40.000			Recovery = 108.48%				
37) #1,2-Dichloroethane-d4	4.80	65	130436	46.76	ug/L		0.00
Spiked Amount 40.000			Recovery = 116.90%				
46) #Toluene-d8	6.67	98	520774	41.32	ug/L		0.00
Spiked Amount 40.000			Recovery = 103.30%				
64) #4-Bromofluorobenzene	9.23	95	217687	41.51	ug/L		0.00
Spiked Amount 40.000			Recovery = 103.77%				
Target Compounds							Qvalue
2) dichlorodifluoromethane	1.22	85	225105	42.93	ug/L		99
3) chloromethane	1.38	50	177623	41.37	ug/L		99
4) vinyl chloride	1.42	62	178801	42.11	ug/L		94
5) dichlorofluoromethane	1.84	67	301094	48.18	ug/L		96
6) bromomethane	1.64	94	81916	37.30	ug/L		95
7) chloroethane	1.71	64	114683	43.96	ug/L		98
8) trichlorofluoromethane	1.88	101	332467	51.23	ug/L		99
9) acrolein	2.19	56	15195	39.80	ug/L	#	63
10) ethyl ether	2.09	74	79818	43.22	ug/L	#	52
11) acrylonitrile	2.94	53	55679	41.40	ug/L		86
12) 1,1,2-trichloro-1,2,2-trif	2.27	101	155758	45.19	ug/L		93
13) 1,1-dichloroethene	2.27	96	181489	48.95	ug/L		85
14) iodomethane	2.41	142	195745	39.78	ug/L		95
15) acetone	2.32	43	37549	49.68	ug/L		90
16) methyl acetate	2.60	43	80561	47.27	ug/L		68
17) carbon disulfide	2.47	76	401297	44.93	ug/L		99
18) methylene chloride	2.69	49	208561	58.72	ug/L		97
19) trans-1,2-dichloroethene	2.96	96	209647	49.15	ug/L		95
20) methyl (tert) butyl ether	2.96	73	467295	42.55	ug/L		99
21) 1,1-dichloroethane	3.39	63	332061	50.32	ug/L		97
22) vinyl acetate	3.45	43	252139	42.97	ug/L		97
23) 2,2-dichloropropane	3.98	77	278030	52.91	ug/L		95
24) cis-1,2-dichloroethene	3.99	96	231223	48.45	ug/L		95
25) 2-butanone (MEK)	4.00	43	55948	40.83	ug/L		92
26) bromochloromethane	4.22	49	129435	50.21	ug/L		91
27) chloroform	4.31	83	366910	52.12	ug/L		98
28) tetrahydrofuran	4.27	71	16615	41.87	ug/L	#	70
29) 1,1,1-trichloroethane	4.49	97	339755	55.40	ug/L		99
31) carbon tetrachloride	4.65	117	292601	65.83	ug/L		99
32) 1,1-dichloropropene	4.65	75	292167	51.60	ug/L		98
33) cyclohexane	4.54	56	267157	42.64	ug/L		98
34) benzene	4.86	78	828560	47.67	ug/L		94
35) 1,2-dichloroethane	4.88	62	266405	56.19	ug/L		99
36) heptane	5.13	57	13277	No Calib		#	

Data Path : C:\MSDChem\1\DATA\12-23-10\
InstName : 224
Data File : 40P1223B.D
Acq On : 23 Dec 2010 14:13
Operator : DLV
Sample : CAL5
Misc :
ALS Vial : 6 Sample Multiplier: 1

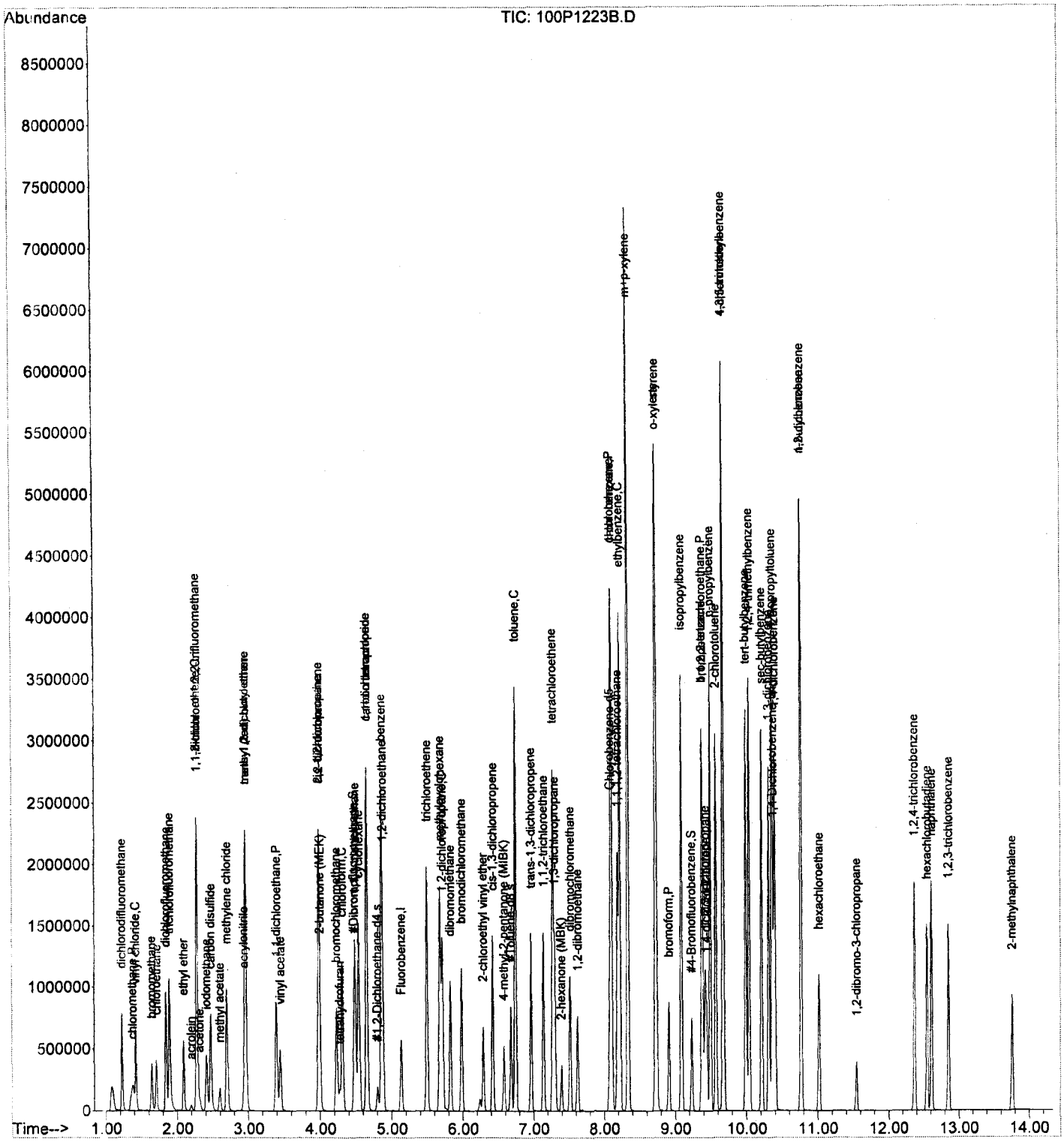
Quant Time: Dec 23 14:28:05 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B66.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Thu Dec 16 07:44:48 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
38) trichloroethene	5.49	130	272665	50.28	ug/L		94
39) 1,2-dichloropropane	5.71	63	183345	47.97	ug/L		90
40) dibromomethane	5.82	93	119843	50.75	ug/L		98
41) bromodichloromethane	5.98	83	272138	55.84	ug/L		96
42) methylcyclohexane	5.67	83	305476	43.47	ug/L		96
43) 2-chloroethyl vinyl ether	6.28	63	100363	42.58	ug/L		96
44) cis-1,3-dichloropropene	6.42	75	286375	48.68	ug/L		99
45) 4-methyl-2-pentanone (MIBK	6.58	43	115175	43.76	ug/L		98
47) toluene	6.74	91	949524	48.58	ug/L		97
48) trans-1,3-dichloropropene	6.96	75	270652	50.10	ug/L		99
49) 1,1,2-trichloroethane	7.14	83	139469	48.89	ug/L		95
51) tetrachloroethene	7.27	166	352579	40.64	ug/L		96
52) 1,3-dichloropropane	7.30	76	307384	45.63	ug/L		98
53) 2-hexanone (MBK)	7.39	43	78242	40.43	ug/L		87
54) dibromochloromethane	7.52	129	220385	53.08	ug/L		92
55) 1,2-dibromoethane	7.62	109	178080	45.40	ug/L		99
56) chlorobenzene	8.10	112	655240	45.01	ug/L	#	79
57) 1,1,1,2-tetrachloroethane	8.19	131	227743	50.87	ug/L		92
58) 1-chlorohexane	8.09	55	163451	44.51	ug/L	#	53
59) ethylbenzene	8.22	91	1062173	45.88	ug/L		100
60) m+p-xylene	8.33	106	860272	91.26	ug/L		92
61) o-xylene	8.72	106	406670	45.66	ug/L		97
62) styrene	8.74	104	703750	45.55	ug/L		100
63) bromoform	8.91	173	147457	48.17	ug/L		97
66) isopropylbenzene	9.08	105	940796	43.36	ug/L		100
67) bromobenzene	9.37	77	348240	42.00	ug/L		98
68) 1,1,2,2-tetrachloroethane	9.38	83	207195	40.32	ug/L	#	98
69) 1,4-dichloro-2-butene	9.44	53	50463	40.30	ug/L	#	1
70) 1,2,3-trichloropropane	9.42	75	227057	39.76	ug/L		91
71) n-propylbenzene	9.49	120	279383	44.06	ug/L		95
72) 2-chlorotoluene	9.57	126	243557	42.76	ug/L		93
73) 1,3,5-trimethylbenzene	9.67	105	748620	44.40	ug/L		98
74) 4-chlorotoluene	9.68	126	254441	43.92	ug/L		95
75) tert-butylbenzene	9.99	119	659655	43.83	ug/L		98
76) 1,2,4-trimethylbenzene	10.04	105	762415	44.30	ug/L		99
77) sec-butylbenzene	10.20	105	845930	44.19	ug/L		97
78) 4-isopropyltoluene	10.36	119	744147	44.87	ug/L		97
79) 1,3-dichlorobenzene	10.31	146	482609	43.92	ug/L		98
80) 1,4-dichlorobenzene	10.40	146	487867	42.98	ug/L		87
81) 1,2-dichlorobenzene	10.77	146	456802	43.33	ug/L		97
82) n-butylbenzene	10.76	91	528614	45.03	ug/L		98
83) 1,2-dibromo-3-chloropropan	11.54	157	48986	43.16	ug/L		96
84) hexachloroethane	11.02	201	64752	71.74	ug/L	#	44
85) 1,2,4-trichlorobenzene	12.37	180	254115	43.96	ug/L		97
86) hexachlorobutadiene	12.55	225	132302	46.86	ug/L		91
87) naphthalene	12.61	128	596765	44.03	ug/L		98
88) 1,2,3-trichlorobenzene	12.85	180	210997	44.40	ug/L		97
89) 2-methylnaphthalene	13.75	142	203350	43.47	ug/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\MSDChem\1\DATA\12-23-10\
InstName : 224
Data File : 100P1223B.D
Acq On : 23 Dec 2010 14:50
Operator : DLV
Sample : CAL6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 23 15:04:40 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B66.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Thu Dec 16 07:44:48 2010
Response via : Initial Calibration



Quantitation Report (Not Edited)

Data Path : C:\MSDChem\1\DATA\12-23-10\
InstName : 224
Data File : 100P1223B.D
Acq On : 23 Dec 2010 14:50
Operator : DLV
Sample : CAL6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 23 15:04:40 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B66.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Thu Dec 16 07:44:48 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	491787	40.00	ug/L		0.00 55.54%
50) Chlorobenzene-d5	8.08	117	451661	40.00	ug/L		0.00 60.43%
65) 1,4-Dichlorobenzene-d4	10.38	152	271261	40.00	ug/L		0.00 64.15%
System Monitoring Compounds							
30) #Dibromofluoromethane	4.47	111	129648	43.03	ug/L		0.00
Spiked Amount 40.000			Recovery =	107.58%			
37) #1,2-Dichloroethane-d4	4.80	65	129756	46.86	ug/L		0.00
Spiked Amount 40.000			Recovery =	117.15%			
46) #Toluene-d8	6.67	98	516873	41.32	ug/L		0.00
Spiked Amount 40.000			Recovery =	103.30%			
64) #4-Bromofluorobenzene	9.23	95	217690	41.65	ug/L		0.00
Spiked Amount 40.000			Recovery =	104.13%			
Target Compounds							Qvalue
2) dichlorodifluoromethane	1.22	85	525172	100.90	ug/L		98
3) chloromethane	1.38	50	441751	103.65	ug/L		100
4) vinyl chloride	1.41	62	442821	105.07	ug/L		94
5) dichlorofluoromethane	1.84	67	747467	120.50	ug/L		95
6) bromomethane	1.64	94	215410	98.83	ug/L		95
7) chloroethane	1.71	64	279270	107.86	ug/L		100
8) trichlorofluoromethane	1.89	101	828270	128.60	ug/L		98
9) acrolein	2.19	56	34655	91.45	ug/L	#	65
10) ethyl ether	2.09	74	201447	109.90	ug/L	#	51
11) acrylonitrile	2.93	53	136250	102.07	ug/L		87
12) 1,1,2-trichloro-1,2,2-trif	2.27	101	376937	110.17	ug/L		93
13) 1,1-dichloroethene	2.27	96	444434	120.77	ug/L		85
14) iodomethane	2.41	142	537447	104.48	ug/L		93
15) acetone	2.32	43	87222	129.09	ug/L		91
16) methyl acetate	2.60	43	207190	126.35	ug/L		69
17) carbon disulfide	2.47	76	1010904	114.04	ug/L		98
18) methylene chloride	2.69	49	505400	143.37	ug/L		98
19) trans-1,2-dichloroethene	2.96	96	511547	120.84	ug/L		95
20) methyl (tert) butyl ether	2.96	73	1167338	107.10	ug/L		98
21) 1,1-dichloroethane	3.39	63	822310	125.55	ug/L		97
22) vinyl acetate	3.45	43	674952	115.88	ug/L		96
23) 2,2-dichloropropane	3.98	77	705582	135.29	ug/L		95
24) cis-1,2-dichloroethene	3.98	96	566235	119.53	ug/L		94
25) 2-butanone (MEK)	4.00	43	139545	102.61	ug/L		95
26) bromochloromethane	4.22	49	310861	121.49	ug/L		90
27) chloroform	4.31	83	900927	128.95	ug/L		97
28) tetrahydrofuran	4.27	71	43632	110.79	ug/L	#	62
29) 1,1,1-trichloroethane	4.49	97	856784	140.77	ug/L		99
31) carbon tetrachloride	4.65	117	743477	168.53	ug/L		99
32) 1,1-dichloropropene	4.65	75	721665	128.42	ug/L		97
33) cyclohexane	4.54	56	664124	106.80	ug/L		98
34) benzene	4.86	78	2036235	118.03	ug/L		93
35) 1,2-dichloroethane	4.88	62	661789	140.65	ug/L		99
36) heptane	5.13	57	12988	No Calib		#	

Data Path : C:\MSDChem\1\DATA\12-23-10\
InstName : 224
Data File : 100P1223B.D
Acq On : 23 Dec 2010 14:50
Operator : DLV
Sample : CAL6
Misc :
ALS Vial : 7 Sample Multiplier: 1

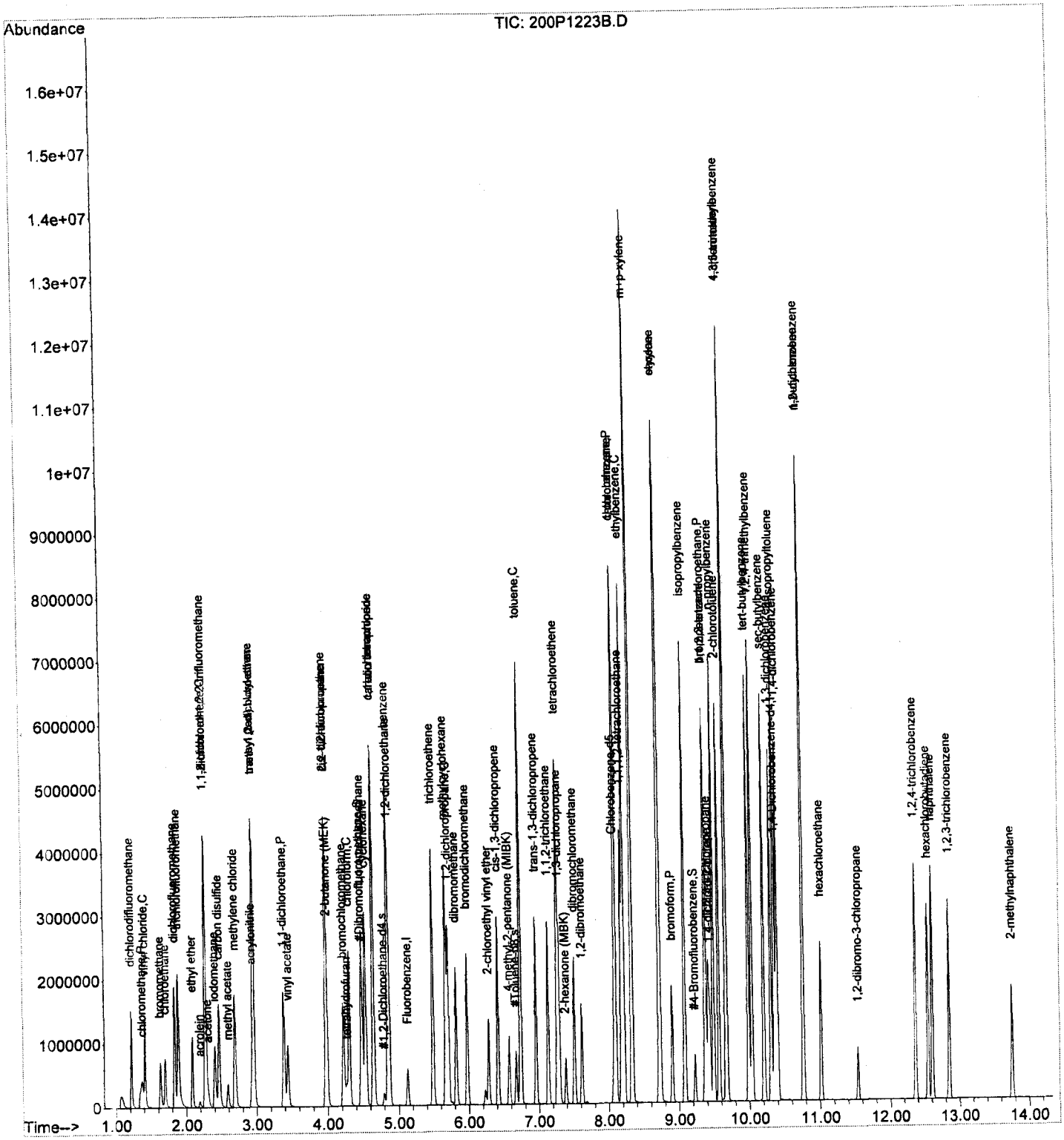
Quant Time: Dec 23 15:04:40 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B66.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Thu Dec 16 07:44:48 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
38) trichloroethene	5.49	130	668902	124.27 ug/L		95
39) 1,2-dichloropropane	5.71	63	459642	121.16 ug/L		89
40) dibromomethane	5.82	93	294628	125.70 ug/L		98
41) bromodichloromethane	5.98	83	681185	140.83 ug/L		97
42) methylcyclohexane	5.68	83	755655	108.35 ug/L		98
43) 2-chloroethyl vinyl ether	6.28	63	254664	108.85 ug/L		96
44) cis-1,3-dichloropropene	6.42	75	736257	126.09 ug/L		98
45) 4-methyl-2-pentanone (MIBK	6.58	43	287345	110.00 ug/L		97
47) toluene	6.74	91	2333474	120.28 ug/L		98
48) trans-1,3-dichloropropene	6.96	75	704135	131.31 ug/L		98
49) 1,1,2-trichloroethane	7.14	83	341205	120.50 ug/L		95
51) tetrachloroethene	7.27	166	847960	98.06 ug/L		97
52) 1,3-dichloropropane	7.30	76	754813	112.42 ug/L		99
53) 2-hexanone (MBK)	7.39	43	195959	101.58 ug/L		88
54) dibromochloromethane	7.52	129	573675	138.61 ug/L		92
55) 1,2-dibromoethane	7.62	109	448479	114.72 ug/L		99
56) chlorobenzene	8.10	112	1611742	111.08 ug/L	#	79
57) 1,1,1,2-tetrachloroethane	8.19	131	589817	132.19 ug/L		91
58) 1-chlorohexane	8.09	55	399921	112.62 ug/L	#	49
59) ethylbenzene	8.22	91	2627756	113.88 ug/L		99
60) m+p-xylene	8.33	106	2089057	222.35 ug/L		91
61) o-xylene	8.72	106	1006790	113.41 ug/L		98
62) styrene	8.74	104	1747632	113.48 ug/L		99
63) bromoform	8.91	173	394364	124.84 ug/L		97
66) isopropylbenzene	9.08	105	2329666	108.36 ug/L		99
67) bromobenzene	9.37	77	875489	106.56 ug/L		99
68) 1,1,2,2-tetrachloroethane	9.38	83	512657	100.68 ug/L	#	99
69) 1,4-dichloro-2-butene	9.44	53	127197	102.51 ug/L	#	1
70) 1,2,3-trichloropropane	9.42	75	579267	102.37 ug/L		91
71) n-propylbenzene	9.49	120	690173	109.84 ug/L		97
72) 2-chlorotoluene	9.57	126	607605	107.65 ug/L		93
73) 1,3,5-trimethylbenzene	9.67	105	1884932	112.81 ug/L		97
74) 4-chlorotoluene	9.68	126	617794	107.63 ug/L		99
75) tert-butylbenzene	9.99	119	1664995	111.65 ug/L		98
76) 1,2,4-trimethylbenzene	10.04	105	1902416	111.55 ug/L		100
77) sec-butylbenzene	10.21	105	2118483	111.68 ug/L		97
78) 4-isopropyltoluene	10.36	119	1894885	115.29 ug/L		96
79) 1,3-dichlorobenzene	10.31	146	1194641	109.71 ug/L		97
80) 1,4-dichlorobenzene	10.40	146	1233316	109.66 ug/L		86
81) 1,2-dichlorobenzene	10.77	146	1125986	107.78 ug/L		97
82) n-butylbenzene	10.76	91	1339326	115.14 ug/L		98
83) 1,2-dibromo-3-chloropropan	11.54	157	127206	113.11 ug/L		97
84) hexachloroethane	11.02	201	190479	157.27 ug/L	#	39
85) 1,2,4-trichlorobenzene	12.37	180	632616	110.43 ug/L		96
86) hexachlorobutadiene	12.55	225	329943	117.94 ug/L		91
87) naphthalene	12.61	128	1488430	110.82 ug/L		98
88) 1,2,3-trichlorobenzene	12.85	180	520270	110.48 ug/L		97
89) 2-methylnaphthalene	13.75	142	506890	109.36 ug/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\MSDChem\1\DATA\12-23-10\
InstName : 224
Data File : 200P1223B.D
Acq On : 23 Dec 2010 16:03
Operator : DLV
Sample : CAL7
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 23 16:17:36 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B66.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Thu Dec 16 07:44:48 2010
Response via : Initial Calibration



Data Path : C:\MSDChem\1\DATA\12-23-10\
InstName : 224
Data File : 200P1223B.D
Acq On : 23 Dec 2010 16:03
Operator : DLV
Sample : CAL7
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 23 16:17:36 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B66.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Thu Dec 16 07:44:48 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	483972	40.00	ug/L		0.00 54.66%
50) Chlorobenzene-d5	8.08	117	450228	40.00	ug/L		0.00 60.24%
65) 1,4-Dichlorobenzene-d4	10.38	152	268465	40.00	ug/L		0.00 63.48%
System Monitoring Compounds							
30) #Dibromofluoromethane	4.47	111	130433	43.99	ug/L		0.00
Spiked Amount 40.000			Recovery = 109.97%				
37) #1,2-Dichloroethane-d4	4.80	65	128253	47.07	ug/L		0.00
Spiked Amount 40.000			Recovery = 117.68%				
46) #Toluene-d8	6.67	98	515247	41.86	ug/L		0.00
Spiked Amount 40.000			Recovery = 104.65%				
64) #4-Bromofluorobenzene	9.23	95	217043	41.66	ug/L		0.00
Spiked Amount 40.000			Recovery = 104.15%				
Target Compounds							Qvalue
2) dichlorodifluoromethane	1.22	85	1017841	198.72	ug/L		98
3) chloromethane	1.37	50	879043	209.59	ug/L		99
4) vinyl chloride	1.41	62	888904	214.32	ug/L		93
5) dichlorofluoromethane	1.84	67	1539516	252.19	ug/L		97
6) bromomethane	1.63	94	443164	206.61	ug/L		95
7) chloroethane	1.71	64	554726	217.72	ug/L		100
8) trichlorofluoromethane	1.89	101	1682051	265.38	ug/L		99
9) acrolein	2.19	56	75254	201.78	ug/L	#	63
10) ethyl ether	2.09	74	410299	227.45	ug/L	#	49
11) acrylonitrile	2.93	53	271328	206.54	ug/L		87
12) 1,1,2-trichloro-1,2,2-trif	2.27	101	773393	229.70	ug/L		93
13) 1,1-dichloroethene	2.28	96	912794	252.04	ug/L		84
14) iodomethane	2.41	142	1157778	224.97	ug/L		94
15) acetone	2.32	43	173723	271.05	ug/L		88
16) methyl acetate	2.60	43	398813	249.45	ug/L		67
17) carbon disulfide	2.47	76	2110823	241.96	ug/L		98
18) methylene chloride	2.69	49	913637	263.36	ug/L		98
19) trans-1,2-dichloroethene	2.96	96	1042018	250.12	ug/L		96
20) methyl (tert) butyl ether	2.96	73	2338328	217.99	ug/L		99
21) 1,1-dichloroethane	3.39	63	1664335	258.22	ug/L		97
22) vinyl acetate	3.45	43	1332323	232.44	ug/L		97
23) 2,2-dichloropropane	3.98	77	1428576	278.33	ug/L		95
24) cis-1,2-dichloroethene	3.99	96	1135257	243.52	ug/L		94
25) 2-butanone (MEK)	4.00	43	279080	208.53	ug/L		94
26) bromochloromethane	4.22	49	610276	242.36	ug/L		93
27) chloroform	4.31	83	1823462	265.20	ug/L		97
28) tetrahydrofuran	4.27	71	84917	219.11	ug/L	#	65
29) 1,1,1-trichloroethane	4.49	97	1750607	292.27	ug/L		98
31) carbon tetrachloride	4.65	117	1548152	356.61	ug/L		98
32) 1,1-dichloropropene	4.65	75	1453509	262.83	ug/L		97
33) cyclohexane	4.54	56	1347727	220.23	ug/L		97
34) benzene	4.86	78	4080722	240.35	ug/L		94
35) 1,2-dichloroethane	4.88	62	1332670	287.80	ug/L		100
36) heptane	5.13	57	13200	No Calib		#	

Data Path : C:\MSDChem\1\DATA\12-23-10\
InstName : 224
Data File : 200P1223B.D
Acq On : 23 Dec 2010 16:03
Operator : DLV
Sample : CAL7
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 23 16:17:36 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B66.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Thu Dec 16 07:44:48 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
38) trichloroethene	5.49	130	1353491	255.51	ug/L		96
39) 1,2-dichloropropane	5.71	63	920757	246.62	ug/L		89
40) dibromomethane	5.82	93	596498	258.60	ug/L		98
41) bromodichloromethane	5.98	83	1405746	295.33	ug/L		96
42) methylcyclohexane	5.68	83	1530283	222.97	ug/L		97
43) 2-chloroethyl vinyl ether	6.28	63	517022	224.56	ug/L		96
44) cis-1,3-dichloropropene	6.42	75	1510278	262.83	ug/L		98
45) 4-methyl-2-pentanone (MIBK	6.58	43	576631	224.32	ug/L		97
47) toluene	6.74	91	4652096	243.66	ug/L		99
48) trans-1,3-dichloropropene	6.96	75	1443167	273.48	ug/L		98
49) 1,1,2-trichloroethane	7.14	83	687599	246.74	ug/L		95
51) tetrachloroethene	7.27	166	1693714	196.49	ug/L		96
52) 1,3-dichloropropane	7.30	76	1517291	226.69	ug/L		99
53) 2-hexanone (MBK)	7.39	43	391815	203.75	ug/L		89
54) dibromochloromethane	7.52	129	1167028	282.88	ug/L		93
55) 1,2-dibromoethane	7.62	109	901490	231.34	ug/L		100
56) chlorobenzene	8.10	112	3201274	221.33	ug/L	#	79
57) 1,1,1,2-tetrachloroethane	8.19	131	1206115	271.17	ug/L		91
58) 1-chlorohexane	8.10	55	796434	227.29	ug/L	#	49
59) ethylbenzene	8.22	91	5264085	228.86	ug/L		99
60) m+p-xylene	8.33	106	4136581	441.67	ug/L		90
61) o-xylene	8.72	106	2001576	226.19	ug/L		96
62) styrene	8.74	104	3465094	225.72	ug/L		98
63) bromoform	8.91	173	830536	260.82	ug/L		97
66) isopropylbenzene	9.09	105	4757462	223.59	ug/L		100
67) bromobenzene	9.38	77	1751302	215.37	ug/L		98
68) 1,1,2,2-tetrachloroethane	9.38	83	994175	197.28	ug/L	#	99
69) 1,4-dichloro-2-butene	9.44	53	258710	210.67	ug/L	#	73
70) 1,2,3-trichloropropane	9.42	75	1166745	208.34	ug/L		91
71) n-propylbenzene	9.50	120	1393278	224.06	ug/L		96
72) 2-chlorotoluene	9.57	126	1217524	217.96	ug/L		92
73) 1,3,5-trimethylbenzene	9.67	105	3744016	226.41	ug/L		97
74) 4-chlorotoluene	9.68	126	1231637	216.80	ug/L		99
75) tert-butylbenzene	9.99	119	3368644	228.25	ug/L		98
76) 1,2,4-trimethylbenzene	10.04	105	3832635	227.07	ug/L		100
77) sec-butylbenzene	10.21	105	4253159	226.54	ug/L		97
78) 4-isopropyltoluene	10.36	119	3760098	231.16	ug/L		97
79) 1,3-dichlorobenzene	10.31	146	2389543	221.72	ug/L		97
80) 1,4-dichlorobenzene	10.40	146	2455989	220.64	ug/L		86
81) 1,2-dichlorobenzene	10.77	146	2239949	216.64	ug/L		97
82) n-butylbenzene	10.77	91	2652048	230.37	ug/L		99
83) 1,2-dibromo-3-chloropropan	11.54	157	257273	231.15	ug/L		97
84) hexachloroethane	11.02	201	432828	271.44	ug/L	#	36
85) 1,2,4-trichlorobenzene	12.37	180	1278946	225.58	ug/L		97
86) hexachlorobutadiene	12.55	225	663743	239.73	ug/L		92
87) naphthalene	12.61	128	2922917	219.90	ug/L		98
88) 1,2,3-trichlorobenzene	12.85	180	1033988	221.86	ug/L		97
89) 2-methylnaphthalene	13.75	142	956209	208.44	ug/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Method Path : C:\MSDCHEM\1\METHODS\
Method File : APP9-B17.M
Title : VOLATILE GC/MS BY EPA 8260B/624
Last Update : Tue Dec 28 10:01:44 2010
Response Via : Initial Calibration

Calibration Files
1 =5A1223B.D 2 =25A1223B.D 3 =50A1223B.D
4 =100A1223B.D 5 =200A1223B.D 6 =400A1223B.D

		Compound	1	2	3	4	5	6	Avg	%RSD
1)	I	Fluorobenzene	ISTD							
2)		ethanol		0.005	0.003	0.003	0.003	0.002	-----	
								L	M= 0.002 R=0.991	
									B= 0.002	
3)		isopropanol	0.014	0.011	0.010	0.011	0.011	0.011	0.011	11.04
4)		allyl chloride	0.179	0.178	0.196	0.184	0.184	0.181	0.184	3.57
5)		acetonitrile	0.078	0.060	0.065	0.060	0.059	0.059	0.064	11.87
6)		t-butanol	0.023	0.019	0.018	0.019	0.019	0.019	0.020	10.02
7)		hexane	0.320	0.307	0.319	0.306	0.301	0.296	0.308	3.09
8)		isopropyl ether	0.996	0.996	1.066	1.028	0.990	0.960	1.006	3.61
9)		n-propanol	0.130	0.126	0.132	0.129	0.126	0.121	0.127	3.10
10)		2-chloro-1,3-butadi	0.583	0.586	0.631	0.609	0.604	0.594	0.601	3.00
11)		ethyl acetate	0.236	0.224	0.250	0.251	0.248	0.253	0.244	4.56
12)		propionitrile	0.040	0.038	0.040	0.042	0.042	0.042	0.041	3.97
13)		2-butanol		0.009	0.009	0.010	0.011	0.011	0.010	7.20
14)		methacrylonitrile	0.136	0.131	0.144	0.141	0.140	0.142	0.139	3.58
15)	S	#Dibromofluorometha	0.262	0.257	0.260	0.262	0.265	0.261	0.261	0.90
16)	s	#1,2-Dichloroethane	0.257	0.255	0.261	0.259	0.266	0.262	0.260	1.55
17)		iso-butanol	0.001	0.003	0.003	0.004	0.004		-----	
								L	M= 0.004 R=0.998	
									B= -0.001	
18)		n-butanol		0.001	0.002	0.003	0.003	0.002	-----	
								Q	A= -0.000 R=0.998	
									B= 0.005	
									C= -0.002	
19)		2,3-dichloropropene	0.618	0.624	0.670	0.656	0.650	0.649	0.645	3.04
20)		methyl methacrylate	0.226	0.236	0.257	0.259	0.255	0.255	0.248	5.47
21)		1,4-dioxane	0.006	0.004	0.004	0.004	0.004	0.003	-----	
								L	M= 0.003 R=0.999	
									B= 0.001	
22)		2-nitropropane		0.054	0.063	0.068	0.072	0.076	0.066	12.88
23)	s	#Toluene-d8	1.023	1.029	1.038	1.027	1.044	1.045	1.034	0.92
24)		ethyl methacrylate	0.413	0.399	0.455	0.448	0.444	0.446	0.434	5.18
25)		n-butyl acetate	0.352	0.360	0.410	0.406	0.406	0.418	0.392	7.22
26)		Chlorobenzene-d5	ISTD							
27)	S	#4-Bromofluorobenze	0.475	0.486	0.475	0.476	0.478	0.483	0.479	0.98
28)	I	1,4-Dichlorobenzene-d	ISTD							

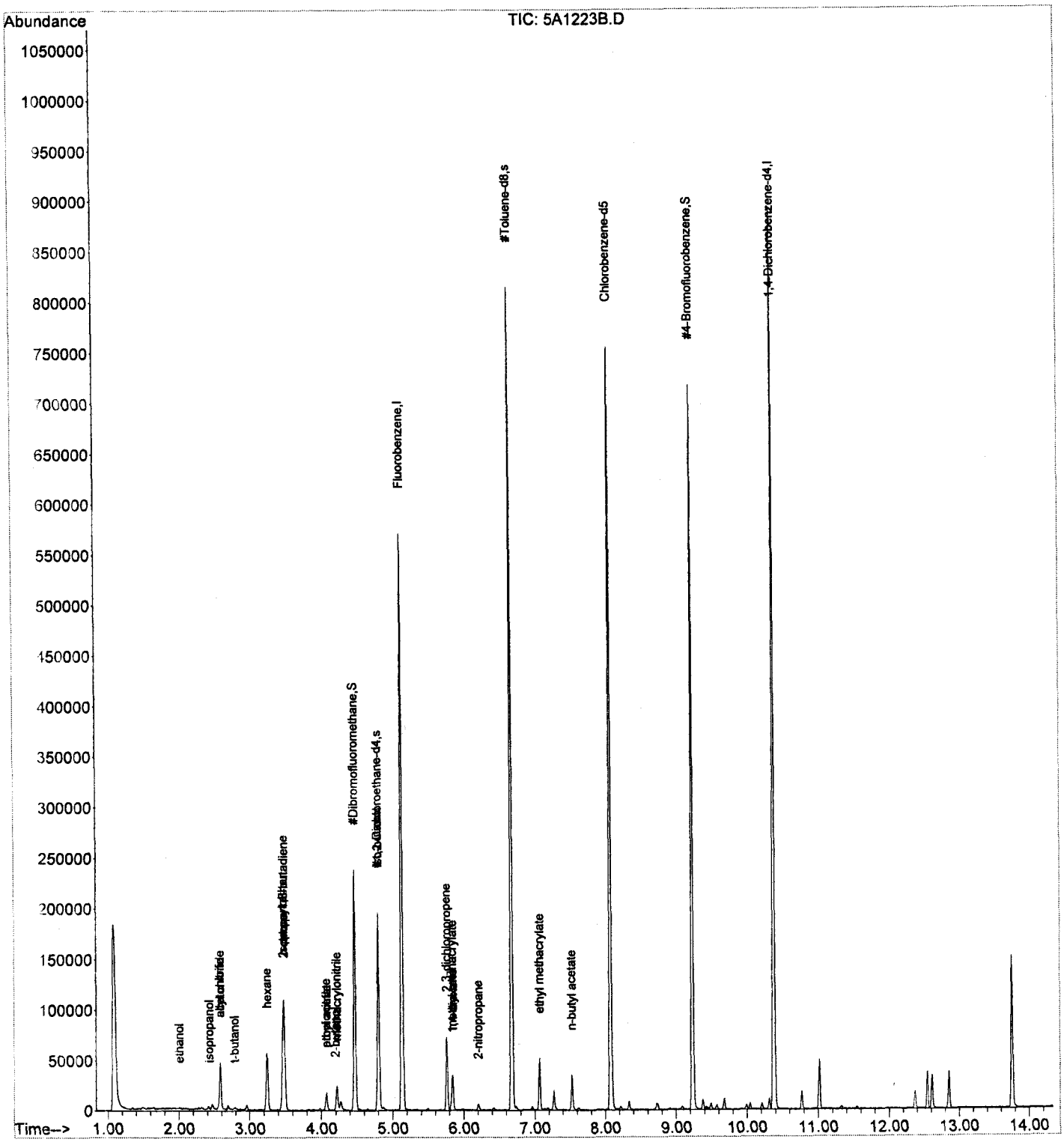
Total Average %RSD 5.08

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

APP9-B17.M Tue Dec 28 10:02:09 2010

Data Path : C:\MSDChem\1\DATA\12-23-10\
InstName : 224
Data File : 5A1223B.D
Acq On : 23 Dec 2010 15:26
Operator : DLV
Sample : CAL8
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 28 09:57:38 2010
Quant Method : C:\MSDCHEM\1\METHODS\APP9-B16.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624
QLast Update : Wed Nov 24 07:49:44 2010
Response via : Initial Calibration



Data Path : C:\MSDChem\1\DATA\12-23-10\
InstName : 224
Data File : 5A1223B.D
Acq On : 23 Dec 2010 15:26
Operator : DLV
Sample : CAL8
Misc :
ALS Vial : 8 Sample Multiplier: 1

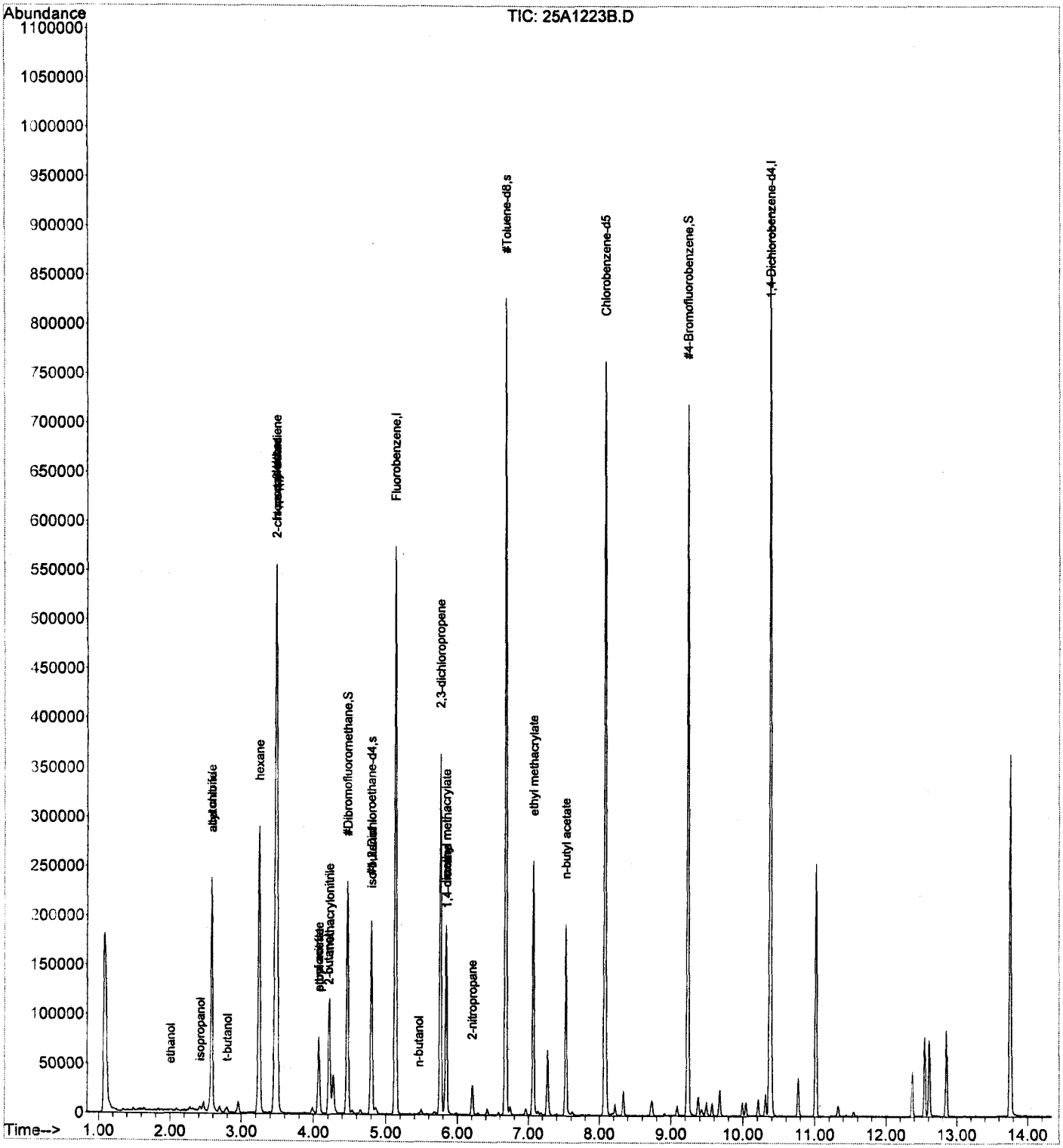
Quant Time: Dec 28 09:57:38 2010
Quant Method : C:\MSDCHEM\1\METHODS\APP9-B16.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624
QLast Update : Wed Nov 24 07:49:44 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	490175	40.00	ug/L	0.00 97.53%
26) Chlorobenzene-d5	8.08	117	443520	40.00	ug/L	0.00 106.05%
28) 1,4-Dichlorobenzene-d4	10.38	152	264808	40.00	ug/L	0.00 111.45%
System Monitoring Compounds						
15) #Dibromofluoromethane	4.47	111	128276	42.41	ug/L	0.00
Spiked Amount 40.000			Recovery =	106.02%		
16) #1,2-Dichloroethane-d4	4.80	65	125734	41.54	ug/L	0.00
Spiked Amount 40.000			Recovery =	103.85%		
23) #Toluene-d8	6.67	98	501291	41.86	ug/L	0.00
Spiked Amount 40.000			Recovery =	104.65%		
27) #4-Bromofluorobenzene	9.23	95	210506	42.04	ug/L	0.00
Spiked Amount 40.000			Recovery =	105.10%		
Target Compounds						Qvalue
2) ethanol	2.00	45	904	40.65	ug/L #	100
3) isopropanol	2.43	45	840	7.99	ug/L #	100
4) allyl chloride	2.58	76	10997	6.04	ug/L	94
5) acetonitrile	2.58	40	4807	8.00	ug/L	88
6) t-butanol	2.79	59	1426	8.16	ug/L #	84
7) hexane	3.24	41	19579	7.19	ug/L	90
8) isopropyl ether	3.47	45	61057	6.47	ug/L	99
9) n-propanol	3.47	59	7962	6.44	ug/L	89
10) 2-chloro-1,3-butadiene	3.49	53	35696	6.48	ug/L	94
11) ethyl acetate	4.07	43	14471	6.27	ug/L	97
12) propionitrile	4.07	54	2443	6.06	ug/L #	64
13) 2-butanol	4.19	45	79	0.84	ug/L #	100
14) methacrylonitrile	4.22	67	8306	5.85	ug/L	93
17) iso-butanol	4.80	41	88	1.80	ug/L #	1
18) n-butanol	0.00	56	0	N.D.		
19) 2,3-dichloropropene	5.76	75	37886	6.47	ug/L	98
20) methyl methacrylate	5.84	41	13854	6.07	ug/L	94
21) 1,4-dioxane	5.85	88	350	10.88	ug/L	98
22) 2-nitropropane	6.21	41	3080	13.23	ug/L #	88
24) ethyl methacrylate	7.07	69	25313	6.12	ug/L	97
25) n-butyl acetate	7.52	43	21550	5.95	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\MSDChem\1\DATA\12-23-10\
InstName : 224
Data File : 25A1223B.D
Acq On : 23 Dec 2010 16:39
Operator : DLV
Sample : CAL9
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 28 09:57:46 2010
Quant Method : C:\MSDCHEM\1\METHODS\APP9-B16.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624
QLast Update : Wed Nov 24 07:49:44 2010
Response via : Initial Calibration



Data Path : C:\MSDChem\1\DATA\12-23-10\
InstName : 224
Data File : 25A1223B.D
Acq On : 23 Dec 2010 16:39
Operator : DLV
Sample : CAL9
Misc :
ALS Vial : 10 Sample Multiplier: 1

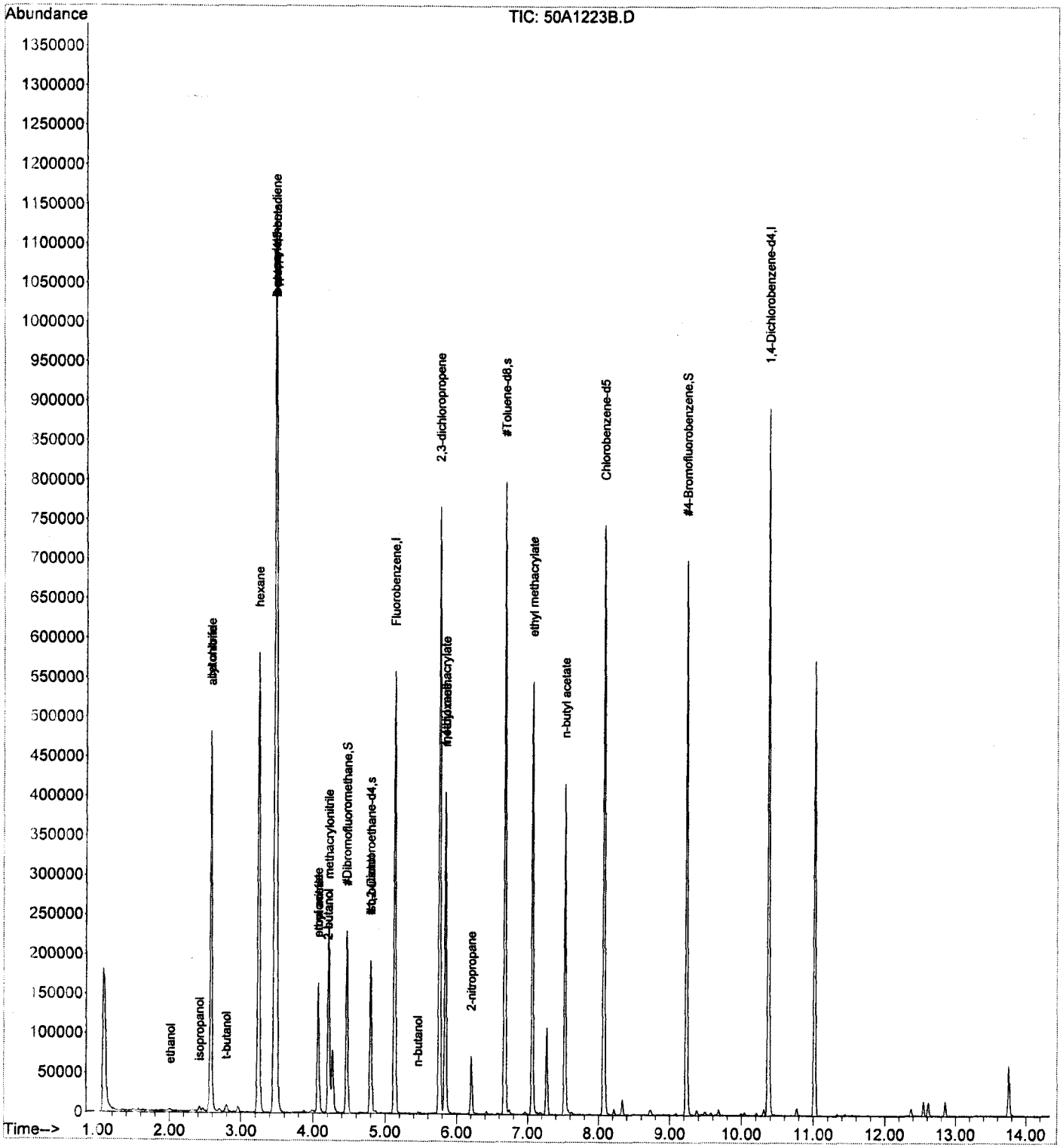
Quant Time: Dec 28 09:57:46 2010
Quant Method : C:\MSDCHEM\1\METHODS\APP9-B16.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624
QLast Update : Wed Nov 24 07:49:44 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	495569	40.00	ug/L		0.00 98.60%
26) Chlorobenzene-d5	8.08	117	447963	40.00	ug/L		0.00 107.11%
28) 1,4-Dichlorobenzene-d4	10.38	152	273300	40.00	ug/L		0.00 115.02%
System Monitoring Compounds							
15) #Dibromofluoromethane	4.47	111	127573	41.72	ug/L		0.00
Spiked Amount 40.000			Recovery =	104.30%			
16) #1,2-Dichloroethane-d4	4.80	65	126587	41.37	ug/L		0.00
Spiked Amount 40.000			Recovery =	103.42%			
23) #Toluene-d8	6.67	98	509855	42.11	ug/L		0.00
Spiked Amount 40.000			Recovery =	105.28%			
27) #4-Bromofluorobenzene	9.23	95	217778	43.06	ug/L		0.00
Spiked Amount 40.000			Recovery =	107.65%			
Target Compounds							Qvalue
2) ethanol	2.01	45	1532	68.14	ug/L	#	100
3) isopropanol	2.43	45	3271	30.79	ug/L	#	100
4) allyl chloride	2.58	76	55167	29.95	ug/L		94
5) acetonitrile	2.58	40	18438	30.37	ug/L		89
6) t-butanol	2.80	59	5993	33.90	ug/L	#	92
7) hexane	3.24	41	94982	34.50	ug/L		96
8) isopropyl ether	3.47	45	308644	32.37	ug/L		100
9) n-propanol	3.47	59	38906	31.14	ug/L	#	86
10) 2-chloro-1,3-butadiene	3.49	53	181381	32.55	ug/L		96
11) ethyl acetate	4.07	43	69465	29.79	ug/L		98
12) propionitrile	4.07	54	11721	28.75	ug/L	#	48
13) 2-butanol	4.20	45	2918	30.59	ug/L	#	100
14) methacrylonitrile	4.22	67	40534	28.26	ug/L		95
17) iso-butanol	4.81	41	888	17.92	ug/L	#	87
18) n-butanol	5.46	56	368	11.72	ug/L	#	19
19) 2,3-dichloropropene	5.76	75	193408	32.65	ug/L		99
20) methyl methacrylate	5.84	41	73062	31.68	ug/L		95
21) 1,4-dioxane	5.85	88	1389	42.71	ug/L	#	74
22) 2-nitropropane	6.21	41	16647	33.82	ug/L	#	92
24) ethyl methacrylate	7.07	69	123586	29.53	ug/L		97
25) n-butyl acetate	7.52	43	111648	30.48	ug/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\MSDChem\1\DATA\12-23-10\
InstName : 224
Data File : 50A1223B.D
Acq On : 23 Dec 2010 17:52
Operator : DLV
Sample : CALA
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 28 09:57:32 2010
Quant Method : C:\MSDCHEM\1\METHODS\APP9-B16.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624
QLast Update : Wed Nov 24 07:49:44 2010
Response via : Initial Calibration



Data Path : C:\MSDChem\1\DATA\12-23-10\
InstName : 224
Data File : 50A1223B.D
Acq On : 23 Dec 2010 17:52
Operator : DLV
Sample : CALA
Misc :
ALS Vial : 12 Sample Multiplier: 1

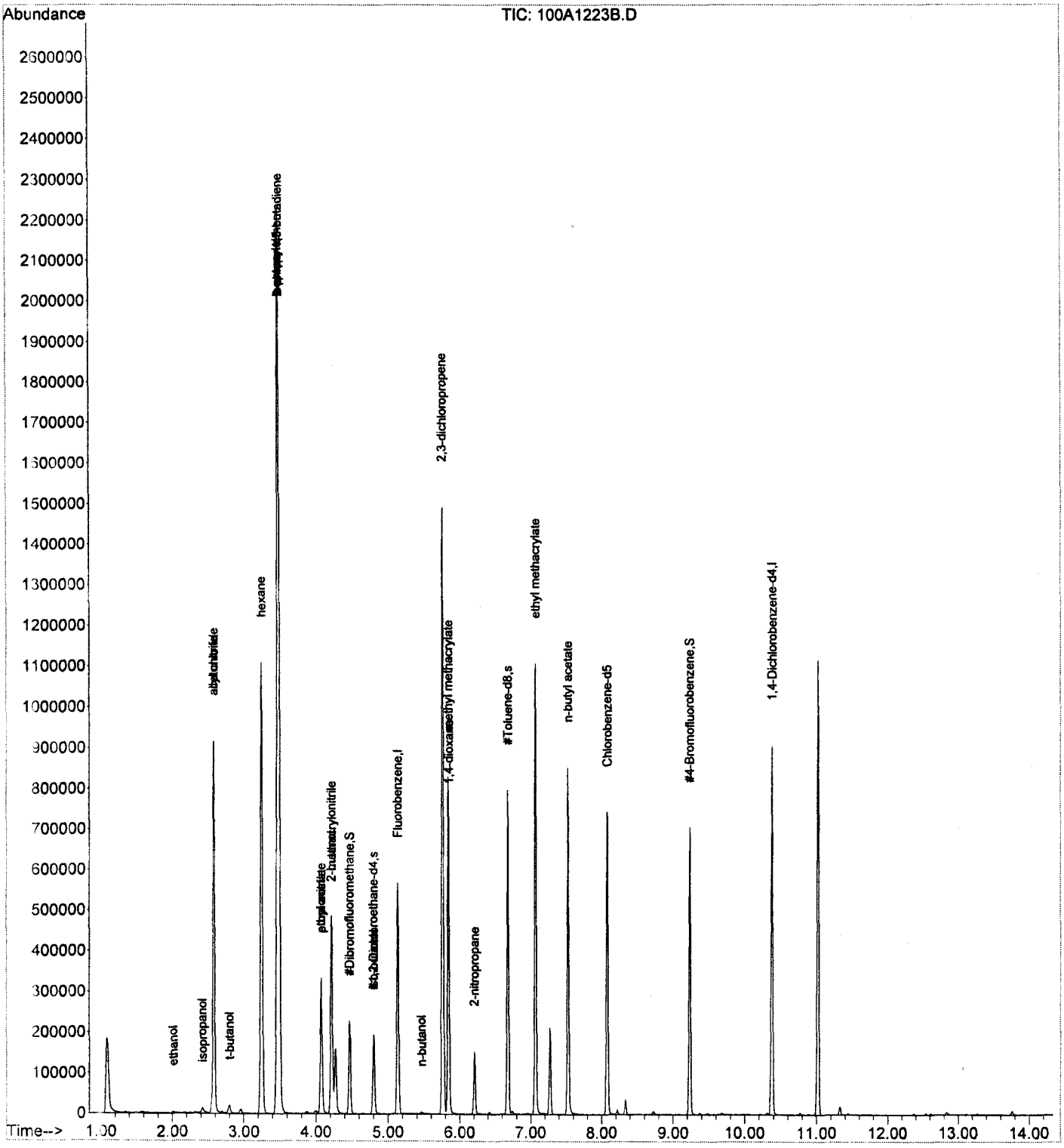
Quant Time: Dec 28 09:57:32 2010
Quant Method : C:\MSDCHEM\1\METHODS\APP9-B16.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624
QLast Update : Wed Nov 24 07:49:44 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	476061	40.00	ug/L		0.00 94.72%
26) Chlorobenzene-d5	8.08	117	435452	40.00	ug/L		0.00 104.12%
28) 1,4-Dichlorobenzene-d4	10.38	152	260864	40.00	ug/L		0.00 109.79%
System Monitoring Compounds							
15) #Dibromofluoromethane	4.47	111	123849	42.16	ug/L		0.00
Spiked Amount 40.000			Recovery =	105.40%			
16) #1,2-Dichloroethane-d4	4.80	65	124431	42.33	ug/L		0.00
Spiked Amount 40.000			Recovery =	105.82%			
23) #Toluene-d8	6.67	98	494032	42.48	ug/L		0.00
Spiked Amount 40.000			Recovery =	106.20%			
27) #4-Bromofluorobenzene	9.23	95	206797	42.06	ug/L		0.00
Spiked Amount 40.000			Recovery =	105.15%			
Target Compounds							Qvalue
2) ethanol	2.02	45	1914	88.61	ug/L	#	100
3) isopropanol	2.42	45	6184	60.59	ug/L	#	100
4) allyl chloride	2.58	76	116869	66.06	ug/L		97
5) acetonitrile	2.58	40	38655	66.28	ug/L		84
6) t-butanol	2.80	59	10474	61.67	ug/L	#	82
7) hexane	3.24	41	189628	71.70	ug/L		97
8) isopropyl ether	3.47	45	634220	69.24	ug/L		99
9) n-propanol	3.47	59	78761	65.62	ug/L	#	85
10) 2-chloro-1,3-butadiene	3.49	53	375703	70.18	ug/L		96
11) ethyl acetate	4.07	43	148541	66.30	ug/L		99
12) propionitrile	4.07	54	23986	61.24	ug/L	#	56
13) 2-butanol	4.20	45	5478	59.78	ug/L	#	100
14) methacrylonitrile	4.22	67	85970	62.39	ug/L		93
17) iso-butanol	4.80	41	1962	41.22	ug/L	#	85
18) n-butanol	5.46	56	1221	40.47	ug/L	#	51
19) 2,3-dichloropropene	5.76	75	398656	70.06	ug/L		99
20) methyl methacrylate	5.84	41	152794	68.96	ug/L		97
21) 1,4-dioxane	5.85	88	2097	67.13	ug/L		93
22) 2-nitropropane	6.21	41	37309	67.58	ug/L	#	90
24) ethyl methacrylate	7.07	69	270573	67.30	ug/L		99
25) n-butyl acetate	7.52	43	244169	69.38	ug/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\MSDChem\1\DATA\12-23-10\
InstName : 224
Data File : 100A1223B.D
Acq On : 23 Dec 2010 18:29
Operator : DLV
Sample : CALB
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 28 09:57:24 2010
Quant Method : C:\MSDCHEM\1\METHODS\APP9-B16.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624
QLast Update : Wed Nov 24 07:49:44 2010
Response via : Initial Calibration



Data Path : C:\MSDChem\1\DATA\12-23-10\
InstName : 224
Data File : 100A1223B.D
Acq On : 23 Dec 2010 18:29
Operator : DLV
Sample : CALB
Misc :
ALS Vial : 13 Sample Multiplier: 1

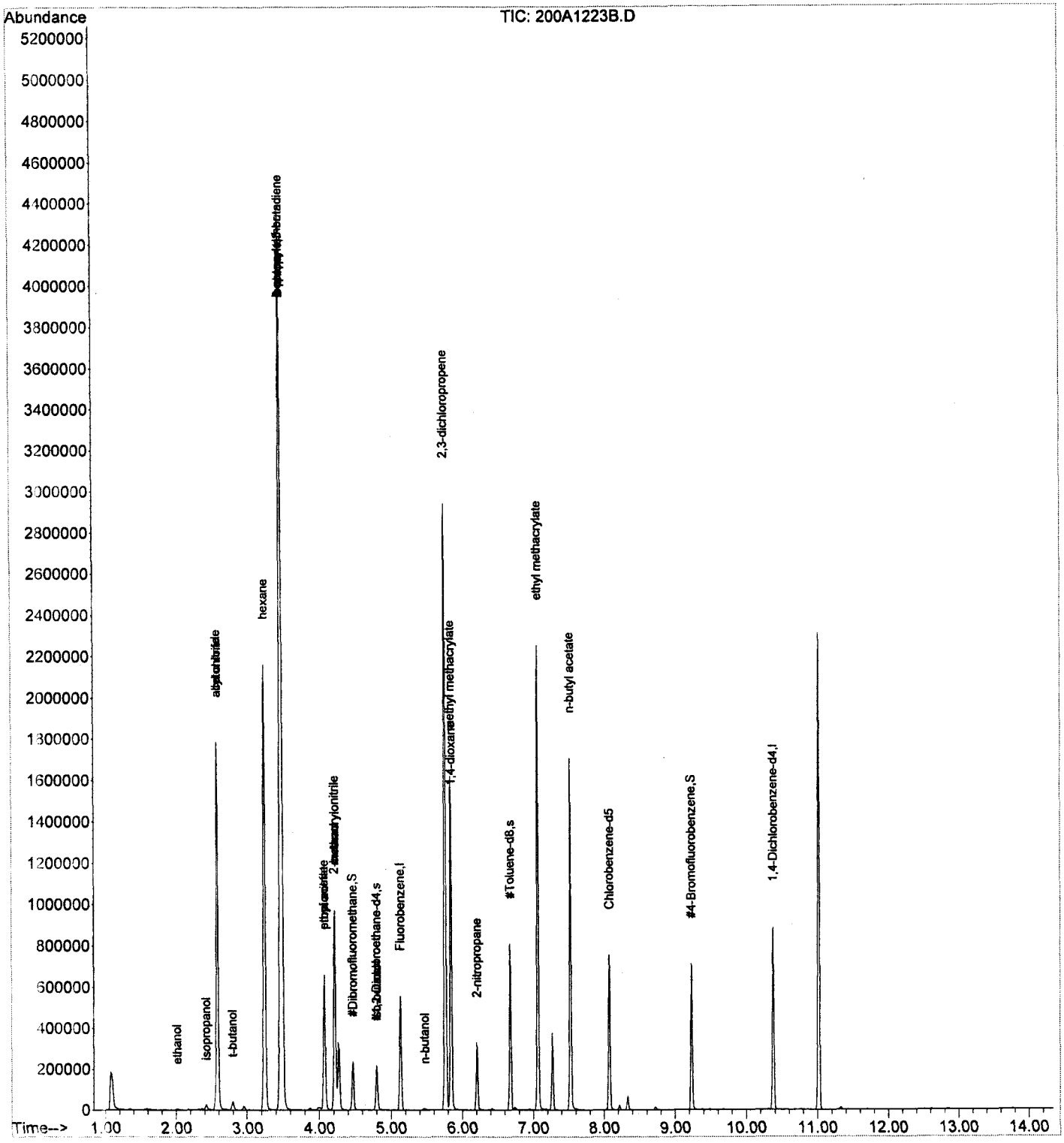
Quant Time: Dec 28 09:57:24 2010
Quant Method : C:\MSDCHEM\1\METHODS\APP9-B16.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624
QLast Update : Wed Nov 24 07:49:44 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	480644	40.00	ug/L	0.00 95.63%
26) Chlorobenzene-d5	8.08	117	435222	40.00	ug/L	0.00 104.06%
28) 1,4-Dichlorobenzene-d4	10.38	152	265433	40.00	ug/L	0.00 111.71%
System Monitoring Compounds						
15) #Dibromofluoromethane	4.47	111	125862	42.44	ug/L	0.00
Spiked Amount 40.000			Recovery =	106.10%		
16) #1,2-Dichloroethane-d4	4.80	65	124664	42.01	ug/L	0.00
Spiked Amount 40.000			Recovery =	105.02%		
23) #Toluene-d8	6.67	98	493584	42.03	ug/L	0.00
Spiked Amount 40.000			Recovery =	105.08%		
27) #4-Bromofluorobenzene	9.23	95	207315	42.19	ug/L	0.00
Spiked Amount 40.000			Recovery =	105.47%		
Target Compounds						Qvalue
2) ethanol	2.00	45	3969	182.00	ug/L #	100
3) isopropanol	2.42	45	13735	133.29	ug/L #	100
4) allyl chloride	2.58	76	221689	124.11	ug/L	97
5) acetonitrile	2.58	40	72494	123.11	ug/L	85
6) t-butanol	2.79	59	22439	130.87	ug/L #	84
7) hexane	3.24	41	367944	137.80	ug/L	97
8) isopropyl ether	3.47	45	1235706	133.62	ug/L	99
9) n-propanol	3.47	59	154962	127.88	ug/L #	84
10) 2-chloro-1,3-butadiene	3.49	53	731945	135.42	ug/L	96
11) ethyl acetate	4.07	43	301175	133.15	ug/L	99
12) propionitrile	4.07	54	50030	126.51	ug/L #	52
13) 2-butanol	4.21	45	11994	129.64	ug/L #	100
14) methacrylonitrile	4.22	67	169846	122.08	ug/L	91
17) iso-butanol	4.80	41	4825	100.41	ug/L #	79
18) n-butanol	5.46	56	3531	115.93	ug/L #	58
19) 2,3-dichloropropene	5.76	75	787902	137.15	ug/L	99
20) methyl methacrylate	5.84	41	311096	139.07	ug/L	97
21) 1,4-dioxane	5.85	88	4635	146.96	ug/L	88
22) 2-nitropropane	6.21	41	81794	136.80	ug/L #	95
24) ethyl methacrylate	7.06	69	538281	132.61	ug/L	98
25) n-butyl acetate	7.52	43	488068	137.36	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\MSDChem\1\DATA\12-23-10\
InstName : 224
Data File : 200A1223B.D
Acq On : 23 Dec 2010 19:05
Operator : DLV
Sample : CALC
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 28 09:57:19 2010
Quant Method : C:\MSDCHEM\1\METHODS\APP9-B16.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624
QLast Update : Wed Nov 24 07:49:44 2010
Response via : Initial Calibration



Quantitation Report (Not Edited)

Data Path : C:\MSDChem\1\DATA\12-23-10\
InstName : 224
Data File : 200A1223B.D
Acq On : 23 Dec 2010 19:05
Operator : DLV
Sample : CALC
Misc :
ALS Vial : 14 Sample Multiplier: 1

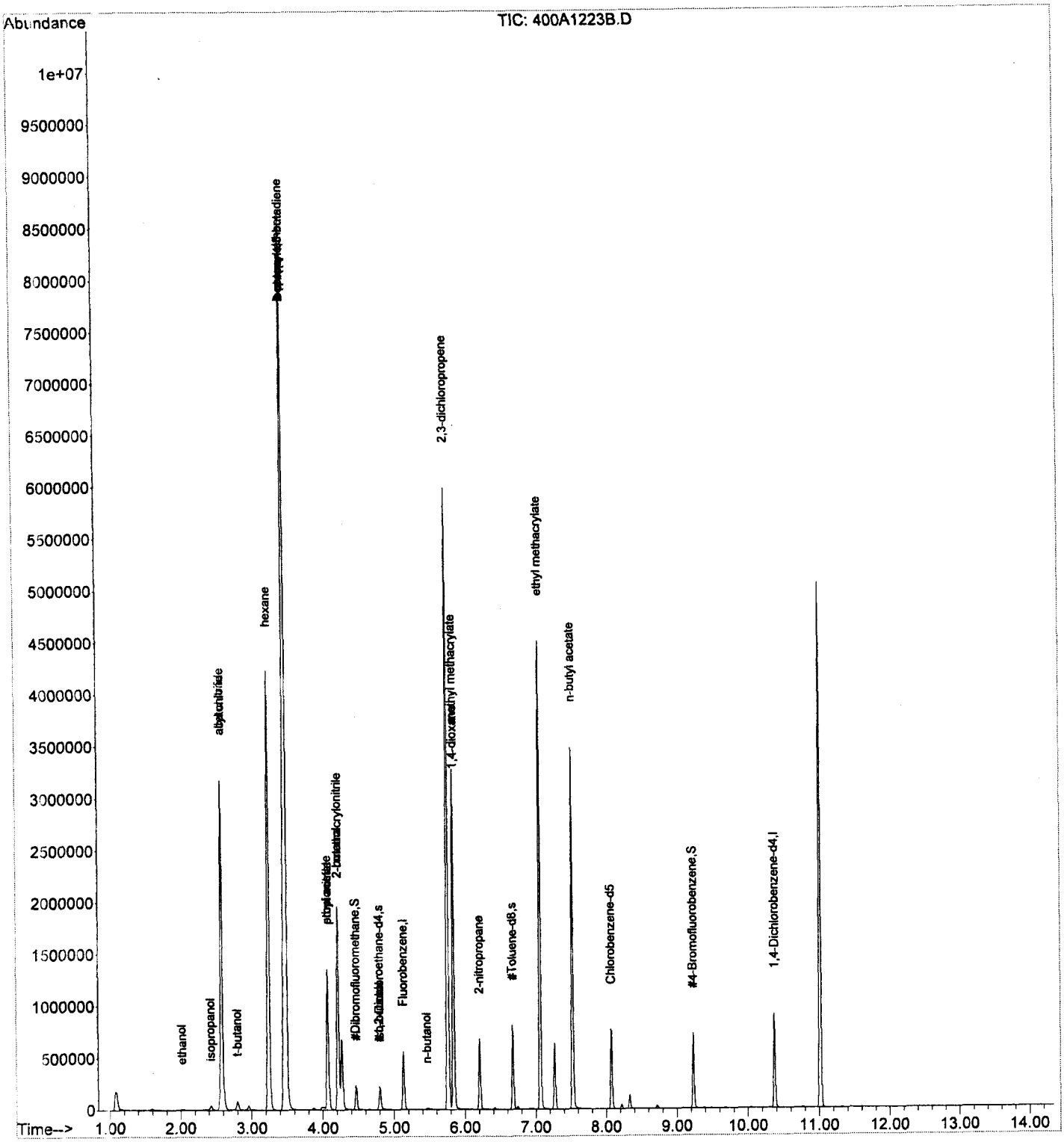
Quant Time: Dec 28 09:57:19 2010
Quant Method : C:\MSDCHEM\1\METHODS\APP9-B16.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624
QLast Update : Wed Nov 24 07:49:44 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	479209	40.00	ug/L		0.00 95.35%
26) Chlorobenzene-d5	8.08	117	434992	40.00	ug/L		0.00 104.01%
28) 1,4-Dichlorobenzene-d4	10.38	152	261265	40.00	ug/L		0.00 109.96%
System Monitoring Compounds							
15) #Dibromofluoromethane	4.47	111	126808	42.89	ug/L		0.00
Spiked Amount 40.000			Recovery = 107.22%				
16) #1,2-Dichloroethane-d4	4.80	65	127673	43.15	ug/L		0.00
Spiked Amount 40.000			Recovery = 107.87%				
23) #Toluene-d8	6.67	98	500530	42.75	ug/L		0.00
Spiked Amount 40.000			Recovery = 106.88%				
27) #4-Bromofluorobenzene	9.23	95	207960	42.34	ug/L		0.00
Spiked Amount 40.000			Recovery = 105.85%				
Target Compounds							Qvalue
2) ethanol	2.02	45	6547	301.12	ug/L	#	100
3) isopropanol	2.43	45	26553	258.45	ug/L	#	100
4) allyl chloride	2.58	76	441189	247.73	ug/L		98
5) acetonitrile	2.58	40	142358	242.49	ug/L		86
6) t-butanol	2.79	59	44967	263.04	ug/L	#	86
7) hexane	3.24	41	720500	270.65	ug/L		96
8) isopropyl ether	3.47	45	2372753	257.33	ug/L		98
9) n-propanol	3.47	59	302063	250.02	ug/L	#	83
10) 2-chloro-1,3-butadiene	3.49	53	1446305	268.40	ug/L		94
11) ethyl acetate	4.07	43	595397	264.01	ug/L		99
12) propionitrile	4.07	54	100568	255.06	ug/L	#	54
13) 2-butanol	4.21	45	25971	281.55	ug/L	#	100
14) methacrylonitrile	4.22	67	336384	242.50	ug/L	#	90
17) iso-butanol	4.80	41	10420	217.49	ug/L	#	64
18) n-butanol	5.47	56	7516	247.50	ug/L	#	51
19) 2,3-dichloropropene	5.76	75	1558077	272.03	ug/L		99
20) methyl methacrylate	5.84	41	610772	273.86	ug/L		96
21) 1,4-dioxane	5.85	88	8754	278.39	ug/L		84
22) 2-nitropropane	6.21	41	171487	278.30	ug/L	#	93
24) ethyl methacrylate	7.07	69	1062761	262.61	ug/L		98
25) n-butyl acetate	7.52	43	973429	274.77	ug/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\MSDChem\1\DATA\12-23-10\
InstName : 224
Data File : 400A1223B.D
Acq On : 23 Dec 2010 19:42
Operator : DLV
Sample : CALD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 28 09:57:06 2010
Quant Method : C:\MSDCHEM\1\METHODS\APP9-B16.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624
QLast Update : Wed Nov 24 07:49:44 2010
Response via : Initial Calibration



Data Path : C:\MSDChem\1\DATA\12-23-10\
InstName : 224
Data File : 400A1223B.D
Acq On : 23 Dec 2010 19:42
Operator : DLV
Sample : CALD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 28 09:57:06 2010
Quant Method : C:\MSDCHEM\1\METHODS\APP9-B16.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624
QLast Update : Wed Nov 24 07:49:44 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	480076	40.00	ug/L		0.00 95.52%
26) Chlorobenzene-d5	8.07	117	433192	40.00	ug/L		0.00 103.58%
28) 1,4-Dichlorobenzene-d4	10.38	152	265873	40.00	ug/L		0.00 111.90%
System Monitoring Compounds							
15) #Dibromofluoromethane	4.47	111	125332	42.31	ug/L		0.00
Spiked Amount 40.000			Recovery =	105.77%			
16) #1,2-Dichloroethane-d4	4.80	65	125915	42.48	ug/L		0.00
Spiked Amount 40.000			Recovery =	106.20%			
23) #Toluene-d8	6.68	98	501638	42.77	ug/L		0.00
Spiked Amount 40.000			Recovery =	106.93%			
27) #4-Bromofluorobenzene	9.23	95	209140	42.76	ug/L		0.00
Spiked Amount 40.000			Recovery =	106.90%			
Target Compounds							Qvalue
2) ethanol	2.01	45	10982	504.19	ug/L	#	100
3) isopropanol	2.43	45	50749	493.07	ug/L	#	100
4) allyl chloride	2.58	76	871333	488.38	ug/L		97
5) acetonitrile	2.58	40	284798	484.24	ug/L		85
6) t-butanol	2.80	59	93068	543.44	ug/L	#	86
7) hexane	3.24	41	1420421	532.60	ug/L		96
8) isopropyl ether	3.47	45	4610271	499.10	ug/L		98
9) n-propanol	3.47	59	581449	480.40	ug/L	#	85
10) 2-chloro-1,3-butadiene	3.49	53	2850182	527.96	ug/L		94
11) ethyl acetate	4.07	43	1212250	536.57	ug/L		98
12) propionitrile	4.07	54	201382	509.83	ug/L	#	51
13) 2-butanol	4.21	45	51087	552.83	ug/L	#	100
14) methacrylonitrile	4.22	67	681700	490.55	ug/L		91
17) iso-butanol	4.80	41	18427	383.91	ug/L	#	68
18) n-butanol	5.47	56	11085	364.37	ug/L	#	34
19) 2,3-dichloropropene	5.76	75	3117088	543.24	ug/L		99
20) methyl methacrylate	5.84	41	1225212	548.37	ug/L		96
21) 1,4-dioxane	5.85	88	16683	529.59	ug/L		89
22) 2-nitropropane	6.21	41	364097	580.31	ug/L	#	94
24) ethyl methacrylate	7.07	69	2142975	528.58	ug/L		98
25) n-butyl acetate	7.52	43	2004623	564.83	ug/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

SECOND-SOURCE CALIBRATION VERIFICATION

USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
SDG: 1012332
Client: MWH Americas - Farmington Hills, MI
Project: GE - Patillas, Puerto Rico
Laboratory ID: 0L28023-SCV1
Standard ID: 0120293
Sequence: 0L28023
Calibration: 0L28007

Analyte	Expected (ug/L)	Found (ug/L)	% Rec.	QC Limit
Acetone	40.0	42.1	105	75-125
Acrylonitrile	40.0	44.1	110	75-125
Benzene	40.0	40.0	100	75-125
Bromobenzene	40.0	38.1	95	75-125
Bromochloromethane	40.0	39.3	98	75-125
Bromodichloromethane	40.0	38.3	96	75-125
Bromoform	40.0	41.3	103	75-125
Bromomethane	40.0	44.3	111	75-125
n-Butylbenzene	40.0	40.5	101	75-125
sec-Butylbenzene	40.0	39.9	100	75-125
tert-Butylbenzene	40.0	39.8	100	75-125
Carbon Disulfide	40.0	44.2	111	75-125
Carbon Tetrachloride	40.0	41.6	104	75-125
Chlorobenzene	40.0	38.6	97	75-125
Chloroethane	40.0	39.9	100	75-125
2-Chloroethyl Vinyl Ether	40.0	45.4	114	75-125
Chloroform	40.0	39.5	99	75-125
1-Chlorohexane	40.0	42.1	105	75-125
Chloromethane	40.0	41.8	105	75-125
2-Chlorotoluene	40.0	38.6	97	75-125
4-Chlorotoluene	40.0	38.2	96	75-125
Cyclohexane	40.0	48.2	121	75-125
1,2-Dibromo-3-chloropropane	40.0	38.4	96	75-125
Dibromochloromethane	40.0	39.3	98	75-125
1,2-Dibromoethane	40.0	39.8	100	75-125
Dibromomethane	40.0	38.9	97	75-125
trans-1,4-Dichloro-2-butene	40.0	40.6	102	75-125

SECOND-SOURCE CALIBRATION VERIFICATION

USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
SDG: 1012332
Client: MWH Americas - Farmington Hills, MI
Project: GE - Patillas, Puerto Rico
Laboratory ID: 0L28023-SCV1
Standard ID: 0120293
Sequence: 0L28023
Calibration: 0L28007

1,2-Dichlorobenzene	40.0	39.1	98	75-125
1,3-Dichlorobenzene	40.0	38.9	97	75-125
1,4-Dichlorobenzene	40.0	39.9	100	75-125
Dichlorodifluoromethane	40.0	41.0	103	75-125
1,1-Dichloroethane	40.0	40.6	102	75-125
1,2-Dichloroethane	40.0	38.7	97	75-125
1,1-Dichloroethene	40.0	37.2	93	75-125
cis-1,2-Dichloroethene	40.0	40.8	102	75-125
trans-1,2-Dichloroethene	40.0	39.7	99	75-125
1,2-Dichloroethene (Total)	80.0	80.5	101	75-125
Dichlorofluoromethane	40.0	39.6	99	75-125
1,2-Dichloropropane	40.0	39.7	99	75-125
1,3-Dichloropropane	40.0	39.8	100	75-125
2,2-Dichloropropane	40.0	39.4	99	75-125
1,1-Dichloropropene	40.0	40.0	100	75-125
cis-1,3-Dichloropropene	40.0	43.3	108	75-125
trans-1,3-Dichloropropene	40.0	38.4	96	75-125
1,3-Dichloropropene (Total)	80.0	81.7	102	75-125
Ethylbenzene	40.0	39.3	98	75-125
Hexachlorobutadiene	40.0	37.3	93	75-125
Hexachloroethane	40.0	36.0	90	75-125
2-Hexanone	40.0	40.3	101	75-125
Iodomethane	40.0	37.7	94	75-125
Isopropylbenzene	40.0	37.2	93	75-125
4-Isopropyltoluene	40.0	38.3	96	75-125
Methyl Acetate	40.0	43.5	109	75-125
Methyl tert-Butyl Ether	40.0	45.3	113	75-125
Methylcyclohexane	40.0	46.3	116	75-125
Methylene Chloride	40.0	39.9	100	75-125

SECOND-SOURCE CALIBRATION VERIFICATION

USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
SDG: 1012332
Client: MWH Americas - Farmington Hills, MI
Project: GE - Patillas, Puerto Rico
Laboratory ID: 0L28023-SCV1
Standard ID: 0120293
Sequence: 0L28023
Calibration: 0L28007

2-Butanone (MEK)	40.0	40.3	101	75-125
2-Methylnaphthalene	40.0	42.1	105	75-125
4-Methyl-2-pentanone (MIBK)	40.0	42.2	106	75-125
Naphthalene	40.0	40.5	101	75-125
n-Propylbenzene	40.0	39.0	98	75-125
Styrene	40.0	39.8	100	75-125
1,1,1,2-Tetrachloroethane	40.0	40.1	100	75-125
1,1,2,2-Tetrachloroethane	40.0	37.8	95	75-125
Tetrachloroethene	40.0	38.6	97	75-125
Tetrahydrofuran	40.0	42.6	107	75-125
Toluene	40.0	40.2	101	75-125
1,2,3-Trichlorobenzene	40.0	39.6	99	75-125
1,2,4-Trichlorobenzene	40.0	39.5	99	75-125
1,1,1-Trichloroethane	40.0	41.0	103	75-125
1,1,2-Trichloroethane	40.0	40.4	101	75-125
Trichloroethene	40.0	40.2	101	75-125
Trichlorofluoromethane	40.0	40.0	100	75-125
1,2,3-Trichloropropane	40.0	38.5	96	75-125
1,1,2-Trichloro-1,2,2-trifluoroethane	40.0	50.0	125	75-125
1,2,4-Trimethylbenzene	40.0	38.9	97	75-125
1,3,5-Trimethylbenzene	40.0	39.7	99	75-125
Vinyl Acetate	40.0	40.2	101	75-125
Vinyl Chloride	40.0	40.9	102	75-125
Xylene, Meta + Para	80.0	78.8	99	75-125
Xylene, Ortho	40.0	40.1	100	75-125
Xylene (Total)	120	119	99	75-125
Dibromofluoromethane	40.0	40.0	100	75-125
1,2-Dichloroethane-d4	40.0	40.1	100	75-125
Toluene-d8	40.0	40.6	102	75-125

SECOND-SOURCE CALIBRATION VERIFICATION

USEPA-8260B

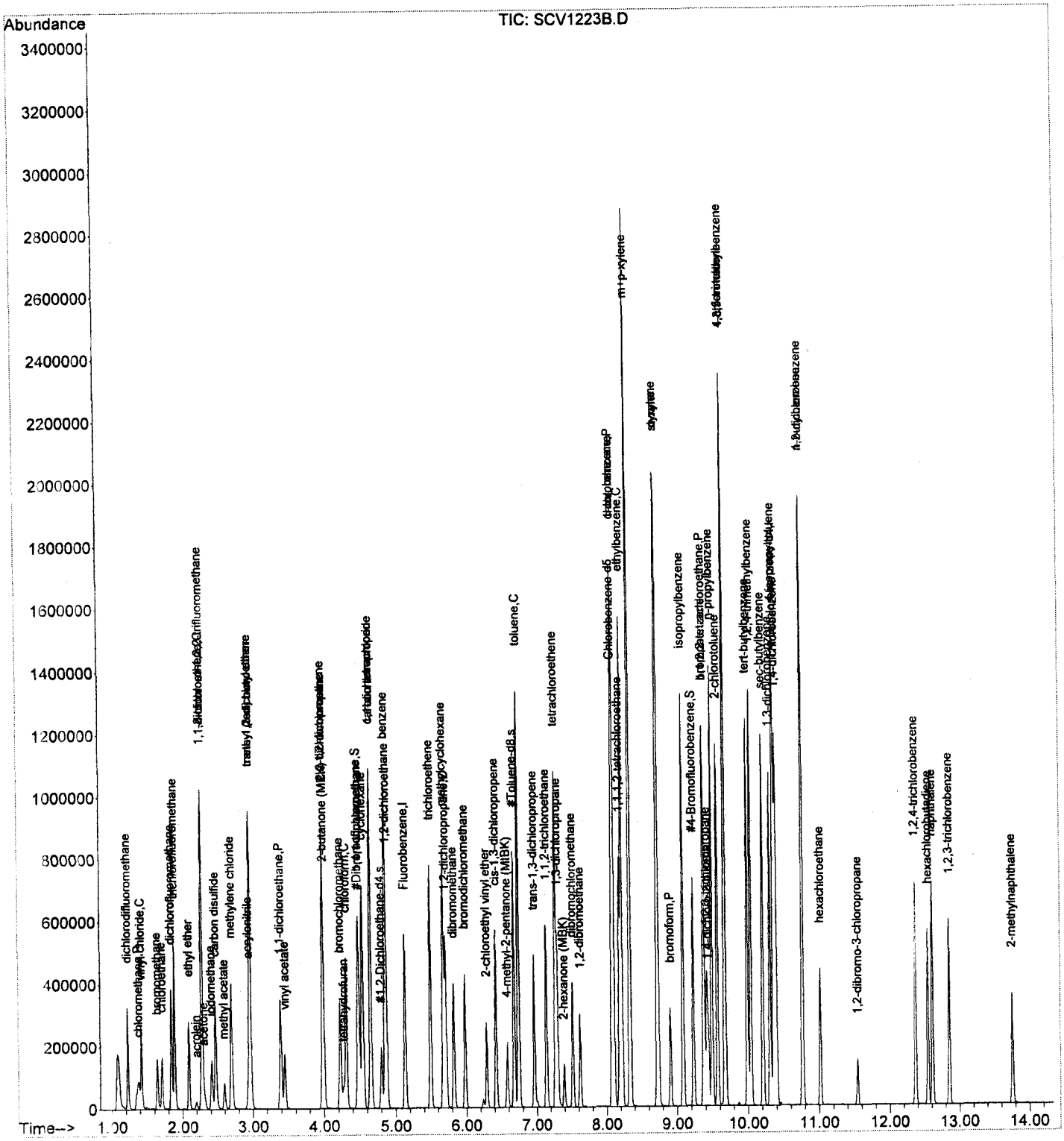
Laboratory: TriMatrix Laboratories, Inc.
SDG: 1012332
Client: MWH Americas - Farmington Hills, MI
Project: GE - Patillas, Puerto Rico
Laboratory ID: 0L28023-SCV1
Standard ID: 0120293
Sequence: 0L28023
Calibration: 0L28007

4-Bromofluorobenzene	40.0	40.3	101	75-125

* Values outside of QC limits

Data Path : C:\MSDChem\1\DATA\12-23-10\
InstName : 224
Data File : SCV1223B.D
Acq On : 23 Dec 2010 17:16
Operator : DLV
Sample : SCV1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 27 07:37:56 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration



Data Path : C:\MSDChem\1\DATA\12-23-10\
InstName : 224
Data File : SCV1223B.D
Acq On : 23 Dec 2010 17:16
Operator : DLV
Sample : SCV1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 27 07:37:56 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	482484	40.00	ug/L	0.00 97.38%
50) Chlorobenzene-d5	8.08	117	445531	40.00	ug/L	0.00 98.32%
65) 1,4-Dichlorobenzene-d4	10.38	152	271282	40.00	ug/L	0.00 99.10%
System Monitoring Compounds						
30) #Dibromofluoromethane	4.47	111	127625	40.02	ug/L	0.00
Spiked Amount 40.000			Recovery =	100.05%		
37) #1,2-Dichloroethane-d4	4.80	65	126342	40.09	ug/L	0.00
Spiked Amount 40.000			Recovery =	100.23%		
46) #Toluene-d8	6.67	98	512155	40.61	ug/L	0.00
Spiked Amount 40.000			Recovery =	101.53%		
64) #4-Bromofluorobenzene	9.23	95	215372	40.32	ug/L	0.00
Spiked Amount 40.000			Recovery =	100.80%		
Target Compounds						Qvalue
2) dichlorodifluoromethane	1.22	85	230083	41.05	ug/L	100
3) chloromethane	1.38	50	190063	41.82	ug/L	98
4) vinyl chloride	1.41	62	182605	40.93	ug/L	100
5) dichlorofluoromethane	1.84	67	296504	39.58	ug/L	100
6) bromomethane	1.64	94	92989	44.30	ug/L	99
7) chloroethane	1.71	64	113630	39.92	ug/L	98
8) trichlorofluoromethane	1.88	101	325464	40.03	ug/L	100
9) acrolein	2.19	56	18262	54.27	ug/L #	99
10) ethyl ether	2.09	74	102832	52.63	ug/L	97
11) acrylonitrile	2.93	53	58311	44.10	ug/L	98
12) 1,1,2-trichloro-1,2,2-trif	2.27	101	185972	50.03	ug/L	99
13) 1,1-dichloroethene	2.28	96	165157	37.16	ug/L	98
14) iodomethane	2.41	142	193655	37.66	ug/L	99
15) acetone	2.31	43	37805	42.13	ug/L	93
16) methyl acetate	2.59	43	92017	43.53	ug/L	99
17) carbon disulfide	2.47	76	443585	44.16	ug/L	100
18) methylene chloride	2.69	49	200660	39.91	ug/L	99
19) trans-1,2-dichloroethene	2.96	96	200565	39.73	ug/L	99
20) methyl (tert) butyl ether	2.96	73	509836	45.31	ug/L	100
21) 1,1-dichloroethane	3.39	63	325932	40.65	ug/L	99
22) vinyl acetate	3.45	43	246097	40.21	ug/L	99
23) 2,2-dichloropropane	3.98	77	260430	39.45	ug/L	98
24) cis-1,2-dichloroethene	3.98	96	229149	40.79	ug/L	99
25) 2-butanone (MEK)	4.00	43	57977	40.31	ug/L	96
26) bromochloromethane	4.22	49	126292	39.26	ug/L	99
27) chloroform	4.31	83	354443	39.51	ug/L	100
28) tetrahydrofuran	4.27	71	17710	42.62	ug/L	96
29) 1,1,1-trichloroethane	4.49	97	333064	41.03	ug/L	99
31) carbon tetrachloride	4.65	117	285382	41.56	ug/L	100
32) 1,1-dichloropropene	4.65	75	280165	40.02	ug/L	98
33) cyclohexane	4.54	56	311911	48.22	ug/L	98
34) benzene	4.86	78	808949	39.97	ug/L	99
35) 1,2-dichloroethane	4.88	62	253020	38.68	ug/L	100
36) heptane	5.13	57	13460	No Calib	#	

Data Path : C:\MSDChem\1\DATA\12-23-10\
InstName : 224
Data File : SCV1223B.D
Acq On : 23 Dec 2010 17:16
Operator : DLV
Sample : SCV1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 27 07:37:56 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
38) trichloroethene	5.49	130	263128	40.15	ug/L		98
39) 1,2-dichloropropane	5.71	63	178344	39.72	ug/L		100
40) dibromomethane	5.82	93	112981	38.94	ug/L		99
41) bromodichloromethane	5.98	83	248738	38.26	ug/L		98
42) methylcyclohexane	5.68	83	334517	46.33	ug/L		99
43) 2-chloroethyl vinyl ether	6.28	63	104568	45.40	ug/L		98
44) cis-1,3-dichloropropene	6.42	75	291556	43.34	ug/L		100
45) 4-methyl-2-pentanone (MIBK	6.58	43	112338	42.19	ug/L		99
47) toluene	6.74	91	920542	40.23	ug/L		99
48) trans-1,3-dichloropropene	6.96	75	240694	38.38	ug/L		98
49) 1,1,2-trichloroethane	7.14	83	136142	40.37	ug/L		100
51) tetrachloroethene	7.27	166	329143	38.57	ug/L		99
52) 1,3-dichloropropane	7.30	76	299475	39.80	ug/L		99
53) 2-hexanone (MBK)	7.39	43	75407	40.31	ug/L		99
54) dibromochloromethane	7.51	129	205120	39.31	ug/L		100
55) 1,2-dibromoethane	7.62	109	174288	39.77	ug/L		99
56) chlorobenzene	8.10	112	624089	38.60	ug/L		99
57) 1,1,1,2-tetrachloroethane	8.19	131	222854	40.08	ug/L		100
58) 1-chlorohexane	8.09	55	168163	42.09	ug/L		99
59) ethylbenzene	8.22	91	1015914	39.29	ug/L		100
60) m+p-xylene	8.33	106	827981	78.81	ug/L		98
61) o-xylene	8.72	106	396229	40.06	ug/L		97
62) styrene	8.74	104	683147	39.84	ug/L		98
63) bromoform	8.91	173	142335	41.27	ug/L		99
66) isopropylbenzene	9.08	105	845882	37.22	ug/L		99
67) bromobenzene	9.37	77	341564	38.13	ug/L		100
68) 1,1,2,2-tetrachloroethane	9.38	83	193876	37.78	ug/L	#	100
69) 1,4-dichloro-2-butene	9.44	53	47408	40.55	ug/L	#	1
70) 1,2,3-trichloropropane	9.42	75	217773	38.48	ug/L		99
71) n-propylbenzene	9.49	120	264984	38.99	ug/L		100
72) 2-chlorotoluene	9.57	126	235186	38.65	ug/L		100
73) 1,3,5-trimethylbenzene	9.67	105	727018	39.73	ug/L		99
74) 4-chlorotoluene	9.68	126	239789	38.20	ug/L		98
75) tert-butylbenzene	9.99	119	642358	39.75	ug/L		99
76) 1,2,4-trimethylbenzene	10.04	105	723678	38.87	ug/L		99
77) sec-butylbenzene	10.20	105	814661	39.88	ug/L		100
78) 4-isopropyltoluene	10.36	119	695311	38.27	ug/L		99
79) 1,3-dichlorobenzene	10.31	146	464554	38.88	ug/L		99
80) 1,4-dichlorobenzene	10.39	146	491931	39.86	ug/L		99
81) 1,2-dichlorobenzene	10.77	146	443908	39.06	ug/L		100
82) n-butylbenzene	10.76	91	513915	40.46	ug/L		99
83) 1,2-dibromo-3-chloropropan	11.54	157	46064	38.39	ug/L		97
84) hexachloroethane	11.02	201	67050	36.00	ug/L	#	90
85) 1,2,4-trichlorobenzene	12.37	180	245296	39.46	ug/L		99
86) hexachlorobutadiene	12.55	225	122007	37.29	ug/L		100
87) naphthalene	12.61	128	567634	40.46	ug/L		100
88) 1,2,3-trichlorobenzene	12.85	180	203375	39.65	ug/L		100
89) 2-methylnaphthalene	13.75	142	193366	42.12	ug/L		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

SECOND-SOURCE CALIBRATION VERIFICATION

USEPA-8260B

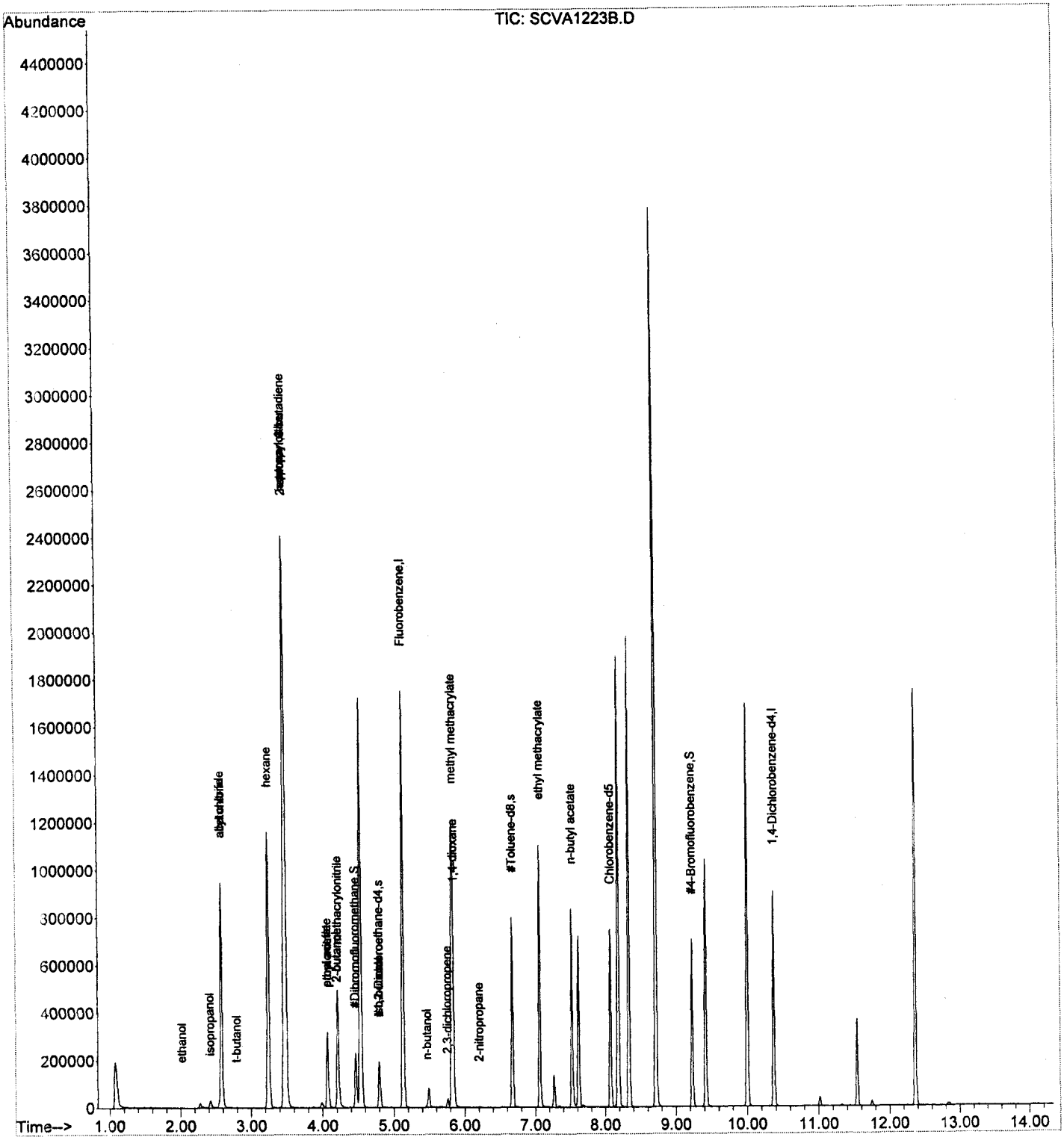
Laboratory: TriMatrix Laboratories, Inc.
SDG: 1012332
Client: MWH Americas - Farmington Hills, MI
Project: GE - Patillas, Puerto Rico
Laboratory ID: 0L28023-SCV2
Standard ID: 0120057
Sequence: 0L28023
Calibration: 0L28007

Analyte	Expected (ug/L)	Found (ug/L)	% Rec.	QC Limit
Isopropanol	250	258	103	75-125
Acetonitrile	100	99.8	100	75-125
Allyl Chloride	100	104	104	75-125
n-Butanol	250	196	78	75-125
2-Butyl Alcohol	100	114	114	75-125
1,4-Dioxane	100	142	142 *	75-125
Ethyl Acetate	100	100	100	75-125
Hexane	100	105	105	75-125
Isobutanol	100	93.2	93	75-125
Isopropyl Ether	100	108	108	75-125
Methyl Methacrylate	100	105	105	75-125
Dibromofluoromethane	40.0	40.1	100	75-125
1,2-Dichloroethane-d4	40.0	39.8	100	75-125
Toluene-d8	40.0	40.5	101	75-125
4-Bromofluorobenzene	40.0	40.2	101	75-125

* Values outside of QC limits

Data Path : C:\MSDChem\1\DATA\12-23-10\
InstName : 224
Data File : SCVA1223B.D
Acq On : 23 Dec 2010 20:19
Operator : DLV
Sample : SCV2
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 28 10:02:19 2010
Quant Method : C:\MSDCHEM\1\METHODS\APP9-B17.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624
QLast Update : Tue Dec 28 10:01:44 2010
Response via : Initial Calibration



Data Path : C:\MSDChem\1\DATA\12-23-10\
InstName : 224
Data File : SCVA1223B.D
Acq On : 23 Dec 2010 20:19
Operator : DLV
Sample : SCV2
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 28 10:02:19 2010
Quant Method : C:\MSDCHEM\1\METHODS\APP9-B17.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624
QLast Update : Tue Dec 28 10:01:44 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	471219	40.00	ug/L	0.00 98.33%
26) Chlorobenzene-d5	8.08	117	429556	40.00	ug/L	0.00 98.75%
28) 1,4-Dichlorobenzene-d4	10.38	152	261100	40.00	ug/L	0.00 99.94%
System Monitoring Compounds						
15) #Dibromofluoromethane	4.47	111	123307	40.08	ug/L	0.00
Spiked Amount 40.000			Recovery =	100.20%		
16) #1,2-Dichloroethane-d4	4.80	65	121937	39.78	ug/L	0.00
Spiked Amount 40.000			Recovery =	99.45%		
23) #Toluene-d8	6.67	98	492959	40.46	ug/L	0.00
Spiked Amount 40.000			Recovery =	101.15%		
27) #4-Bromofluorobenzene	9.23	95	206500	40.16	ug/L	0.00
Spiked Amount 40.000			Recovery =	100.40%		
Target Compounds						Qvalue
2) ethanol	2.02	45	1892	35.17	ug/L #	49
3) isopropanol	2.42	45	34305	257.91	ug/L	98
4) allyl chloride	2.58	76	225047	103.81	ug/L	98
5) acetonitrile	2.58	40	74874	99.83	ug/L	98
6) t-butanol	2.79	59	1866	8.12	ug/L #	53
7) hexane	3.24	41	382504	105.44	ug/L	99
8) isopropyl ether	3.47	45	1274869	107.54	ug/L	100
9) n-propanol	3.47	59	162843	108.55	ug/L	99
10) 2-chloro-1,3-butadiene	3.49	53	806822	113.96	ug/L	99
11) ethyl acetate	4.07	43	288051	100.37	ug/L	99
12) propionitrile	4.07	54	48374	101.15	ug/L	98
13) 2-butanol	4.20	45	13434	113.83	ug/L	99
14) methacrylonitrile	4.22	67	173328	105.77	ug/L	100
17) iso-butanol	4.80	41	4479	93.18	ug/L #	84
18) n-butanol	5.46	56	7134	196.46	ug/L #	72
19) 2,3-dichloropropene	5.76	75	18353	2.42	ug/L	98
20) methyl methacrylate	5.84	41	306984	105.09	ug/L	99
21) 1,4-dioxane	5.85	88	6013	141.56	ug/L #	70
22) 2-nitropropane	6.21	41	1706	2.18	ug/L #	87
24) ethyl methacrylate	7.06	69	527797	103.20	ug/L	99
25) n-butyl acetate	7.52	43	474330	102.69	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

CONTINUING CALIBRATION CHECK
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
SDG: 1012332
Client: MWH Americas - Farmington Hills, MI
Project: GE - Patillas, Puerto Rico
Lab Sample ID: 1A21012-CCV1
Lab File ID: CCV1228B.D
Injection Date: 12/28/10
Injection Time: 09:32
Calibration Date: 12/23/10 00:00
Calibration: 0L28007
Sequence: 1A21012
Instrument ID: 224

Analyte	Type	CONC. (ug/L)		Response Factor			% Diff. / Drift	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	L	40.0	42.1	8.185802E-02	7.834012E-02		5.3	40
Benzene	A	40.0	37.6	1.677743	1.576338		-6.0	25
Bromobenzene	A	40.0	40.2	1.320907	1.327231		0.5	25
Bromochloromethane	A	40.0	37.5	0.2666654	0.2498129		-6.3	25
Bromodichloromethane	A	40.0	39.8	0.5389342	0.5365233		-0.4	25
Bromoform	A	40.0	44.0	0.3096433	0.3408175	0.1	10.1	25
Bromomethane	A	40.0	42.4	0.1740314	0.1843333		5.9	25
n-Butylbenzene	A	40.0	43.4	1.872965	2.031507		8.5	25
sec-Butylbenzene	A	40.0	42.7	3.012227	3.213753		6.7	25
tert-Butylbenzene	A	40.0	42.5	2.382713	2.532154		6.3	25
Carbon Tetrachloride	A	40.0	42.5	0.5693415	0.605199		6.3	25
Chlorobenzene	A	40.0	39.6	1.451601	1.438417	0.3	-0.9	25
Chloroethane	A	40.0	40.8	0.2359965	0.2409752		2.1	25
Chloroform	A	40.0	38.2	0.743767	0.7098846		-4.6	20
Chloromethane	A	40.0	39.0	0.3767669	0.3678463	0.1	-2.4	25
2-Chlorotoluene	A	40.0	41.1	0.8972034	0.9218557		2.7	25
4-Chlorotoluene	A	40.0	41.6	0.9256465	0.9616612		3.9	25
1,2-Dibromo-3-chloropropane	A	40.0	41.9	0.1769304	0.1852629		4.7	25
Dibromochloromethane	A	40.0	42.1	0.4684305	0.4926017		5.2	25
1,2-Dibromoethane	A	40.0	39.6	0.3934193	0.3899452		-0.9	25
Dibromomethane	A	40.0	37.2	0.2405368	0.2235371		-7.1	25
1,2-Dichlorobenzene	A	40.0	41.7	1.675764	1.745662		4.2	25
1,3-Dichlorobenzene	A	40.0	41.8	1.761746	1.839657		4.4	25
1,4-Dichlorobenzene	A	40.0	41.2	1.819802	1.874093		3.0	25
Dichlorodifluoromethane	A	40.0	42.5	0.4646959	0.4938711		6.3	25
1,1-Dichloroethane	A	40.0	38.4	0.6646733	0.6385633	0.1	-3.9	25
1,2-Dichloroethane	A	40.0	38.8	0.5422532	0.526154		-3.0	25
1,1-Dichloroethene	A	40.0	37.2	0.3684388	0.3431479		-6.9	20
cis-1,2-Dichloroethene	A	40.0	38.5	0.4657604	0.4481707		-3.8	25

CONTINUING CALIBRATION CHECK
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
SDG: 1012332
Client: MWH Americas - Farmington Hills, MI
Project: GE - Patillas, Puerto Rico
Lab Sample ID: 1A21012-CCV1
Lab File ID: CCV1228B.D
Injection Date: 12/28/10
Injection Time: 09:32
Calibration Date: 12/23/10 00:00
Calibration: 0L28007
Sequence: 1A21012
Instrument ID: 224

Analyte	Type	CONC. (ug/L)		Response Factor			% Diff. / Drift	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
trans-1,2-Dichloroethene	A	40.0	37.8	0.4185435	0.3950969		-5.6	25
1,2-Dichloropropane	A	40.0	37.6	0.3722754	0.3501123		-6.0	20
1,3-Dichloropropane	A	40.0	39.2	0.675551	0.6614295		-2.1	25
2,2-Dichloropropane	A	40.0	40.9	0.5472547	0.5598663		2.3	25
1,1-Dichloropropene	A	40.0	38.7	0.5803451	0.5610738		-3.3	25
cis-1,3-Dichloropropene	A	40.0	39.4	0.5577267	0.5498843		-1.4	25
trans-1,3-Dichloropropene	A	40.0	40.3	0.519882	0.5237411		0.7	25
Ethylbenzene	A	40.0	40.8	2.321467	2.365391		1.9	20
Hexachlorobutadiene	A	40.0	43.4	0.4824909	0.5241045		8.6	25
Isopropylbenzene	A	40.0	42.4	3.350926	3.548628		5.9	25
4-Isopropyltoluene	A	40.0	42.9	2.679021	2.874224		7.3	25
Methyl tert-Butyl Ether	A	40.0	40.6	0.9328599	0.945686		1.4	25
Methylene Chloride	A	40.0	37.8	0.4168471	0.3936217		-5.6	25
2-Butanone (MEK)	A	40.0	38.5	0.1192288	0.1146307		-3.9	40
4-Methyl-2-pentanone (MIBK)	A	40.0	40.0	0.2207493	0.2207087		-0.02	40
Naphthalene	A	40.0	42.7	2.068621	2.206984		6.7	25
n-Propylbenzene	A	40.0	42.0	1.002106	1.053553		5.1	25
Styrene	A	40.0	40.9	1.539584	1.57265		2.1	25
1,1,1,2-Tetrachloroethane	A	40.0	41.3	0.49915	0.5149663		3.2	25
1,1,2,2-Tetrachloroethane	A	40.0	40.6	0.7567108	0.7688249	0.3	1.6	25
Tetrachloroethene	A	40.0	39.5	0.7661684	0.7570357		-1.2	25
Toluene	A	40.0	38.4	1.897055	1.82106		-4.0	20
1,2,3-Trichlorobenzene	A	40.0	41.8	0.7562202	0.7904281		4.5	25
1,2,4-Trichlorobenzene	A	40.0	42.5	0.9166701	0.9738451		6.2	25
1,1,1-Trichloroethane	A	40.0	40.6	0.6730355	0.6831628		1.5	25
1,1,2-Trichloroethane	A	40.0	37.7	0.2795944	0.2632086		-5.9	25
Trichloroethene	A	40.0	37.6	0.5433421	0.5113876		-5.9	25
Trichlorofluoromethane	A	40.0	42.3	0.6740127	0.7125738		5.7	25
1,2,3-Trichloropropane	A	40.0	40.4	0.8344378	0.8428137		1.0	25

CONTINUING CALIBRATION CHECK
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
Client: MWH Americas - Farmington Hills, MI
Lab Sample ID: 1A21012-CCV1
Injection Date: 12/28/10
Calibration Date: 12/23/10 00:00
Sequence: 1A21012

SDG: 1012332
Project: GE - Patillas, Puerto Rico
Lab File ID: CCV1228B.D
Injection Time: 09:32
Calibration: 0L28007
Instrument ID: 224

Analyte	Type	CONC. (ug/L)		Response Factor			% Diff. / Drift	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,2,4-Trimethylbenzene	A	40.0	42.3	2.74544	2.902587		5.7	25
1,3,5-Trimethylbenzene	A	40.0	42.8	2.698082	2.887234		7.0	25
Vinyl Chloride	A	40.0	41.5	0.3698596	0.3839443		3.8	20
Xylene, Meta + Para	A	80.0	80.9	0.9432007	0.9538733		1.1	25
Xylene, Ortho	A	40.0	41.0	0.8880678	0.9102802		2.5	25

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk
* Values outside of QC limits

Evaluate Continuing Calibration Report

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : CCV1228B.D
Acq On : 28 Dec 2010 9:32
Operator : DLV
Sample : CCV/BS
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 28 09:46:53 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	93	0.00
2		dichlorodifluoromethane	0.465	0.494	-6.2	101	0.00
3	P	chloromethane	0.377	0.368	2.4	95	0.00
4	C	vinyl chloride	0.370	0.384	-3.8	99	0.00
5		dichlorofluoromethane	0.621	0.645	-3.9	98	0.00
6		bromomethane	0.174	0.184	-5.7	103	0.00
7		chloroethane	0.236	0.241	-2.1	97	0.00
8		trichlorofluoromethane	0.674	0.713	-5.8	99	0.00
9		acrolein	0.028	0.030	-7.1	92	0.00
10		ethyl ether	0.162	0.164	-1.2	95	0.00
11		acrylonitrile	0.110	0.112	-1.8	92	0.00
12		1,1,2-trichloro-1,2,2-trifl	0.308	0.329	-6.8	97	0.00
13	C	1,1-dichloroethene	0.368	0.343	6.8	87	0.00
14		iodomethane	0.356	0.437	-22.8	103	0.00
15		acetone	0.082	0.078	4.9	96	0.00
16		methyl acetate	0.175	0.161	8.0	92	0.00
17		carbon disulfide	0.833	0.873	-4.8	100	0.00
18		methylene chloride	0.417	0.394	5.5	87	0.00
19		trans-1,2-dichloroethene	0.419	0.395	5.7	87	0.00
20		methyl (tert) butyl ether	0.933	0.946	-1.4	93	0.00
21	P	1,1-dichloroethane	0.665	0.639	3.9	88	0.00
22		vinyl acetate	0.507	0.557	-9.9	102	0.00
23		2,2-dichloropropane	0.547	0.560	-2.4	93	0.00
24		cis-1,2-dichloroethene	0.466	0.448	3.9	89	0.00
25		2-butanone (MEK)	0.119	0.115	3.4	94	0.00
26		bromochloromethane	0.267	0.250	6.4	89	0.00
27	C	chloroform	0.744	0.710	4.6	89	0.00
28		tetrahydrofuran	0.034	0.033	2.9	93	0.00
29		1,1,1-trichloroethane	0.673	0.683	-1.5	92	0.00
30	S	#Dibromofluoromethane	0.264	0.262	0.8	91	0.00
31		carbon tetrachloride	0.569	0.605	-6.3	95	0.00
32		1,1-dichloropropene	0.580	0.561	3.3	88	0.00
33		cyclohexane	0.536	0.545	-1.7	94	0.00
34		benzene	1.678	1.576	6.1	87	0.00
35		1,2-dichloroethane	0.542	0.526	3.0	91	0.00
36		heptane	0.000	0.027	0.0	0#	0.00
37	s	#1,2-Dichloroethane-d4	0.261	0.270	-3.4	95	0.00
38		trichloroethene	0.543	0.511	5.9	86	0.00
39	C	1,2-dichloropropane	0.372	0.350	5.9	88	0.00
40		dibromomethane	0.241	0.224	7.1	86	0.00
41		bromodichloromethane	0.539	0.537	0.4	91	0.00
42		methylcyclohexane	0.599	0.625	-4.3	94	0.00
43		2-chloroethyl vinyl ether	0.191	0.195	-2.1	89	0.00
44		cis-1,3-dichloropropene	0.558	0.550	1.4	88	0.00
45		4-methyl-2-pentanone (MIBK)	0.221	0.221	0.0	88	0.00
46	s	#Toluene-d8	1.045	1.016	2.8	90	0.00
47	C	toluene	1.897	1.821	4.0	88	0.00
48		trans-1,3-dichloropropene	0.520	0.524	-0.8	89	0.00
49		1,1,2-trichloroethane	0.280	0.263	6.1	87	0.00

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : CCV1228B.D
Acq On : 28 Dec 2010 9:32
Operator : DLV
Sample : CCV/BS
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 28 09:46:53 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

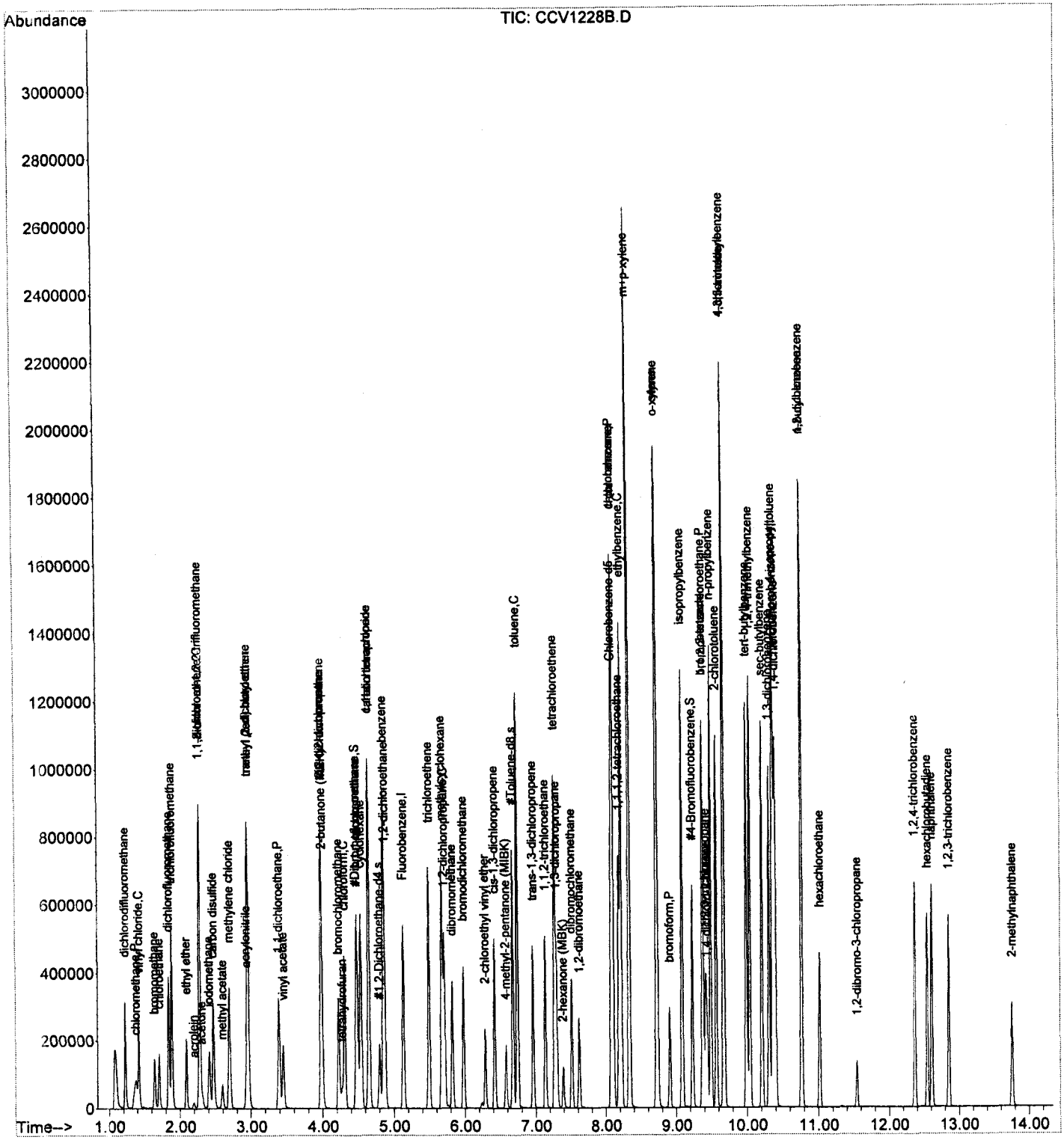
Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50		Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
51		tetrachloroethene	0.766	0.757	1.2	85	0.00
52		1,3-dichloropropane	0.676	0.661	2.2	86	0.00
53		2-hexanone (MBK)	0.168	0.173	-3.0	88	0.00
54		dibromochloromethane	0.468	0.493	-5.3	89	0.00
55		1,2-dibromoethane	0.393	0.390	0.8	87	0.00
56	P	chlorobenzene	1.452	1.438	1.0	87	0.00
57		1,1,1,2-tetrachloroethane	0.499	0.515	-3.2	90	0.00
58		1-chlorohexane	0.413	0.391	5.3	95	0.00
59	C	ethylbenzene	2.321	2.365	-1.9	89	0.00
60		m+p-xylene	0.943	0.954	-1.2	88	0.00
61		o-xylene	0.888	0.910	-2.5	89	0.00
62		styrene	1.540	1.573	-2.1	89	0.00
63	P	bromoform	0.310	0.341	-10.0	92	0.00
64	S	#4-Bromofluorobenzene	0.480	0.477	0.6	87	0.00
65	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
66		isopropylbenzene	3.351	3.549	-5.9	90	0.00
67		bromobenzene	1.321	1.327	-0.5	90	0.00
68	P	1,1,2,2-tetrachloroethane	0.757	0.769	-1.6	88	0.00
69		1,4-dichloro-2-butene	0.172	0.206	-19.8	97	0.00
70		1,2,3-trichloropropane	0.834	0.843	-1.1	88	0.00
71		n-propylbenzene	1.002	1.054	-5.2	89	0.00
72		2-chlorotoluene	0.897	0.922	-2.8	90	0.00
73		1,3,5-trimethylbenzene	2.698	2.887	-7.0	92	0.00
74		4-chlorotoluene	0.926	0.962	-3.9	90	0.00
75		tert-butylbenzene	2.383	2.532	-6.3	91	0.00
76		1,2,4-trimethylbenzene	2.745	2.903	-5.8	90	0.00
77		sec-butylbenzene	3.012	3.214	-6.7	90	0.00
78		4-isopropyltoluene	2.679	2.874	-7.3	92	0.00
79		1,3-dichlorobenzene	1.762	1.840	-4.4	90	0.00
80		1,4-dichlorobenzene	1.820	1.874	-3.0	91	0.00
81		1,2-dichlorobenzene	1.676	1.746	-4.2	91	0.00
82		n-butylbenzene	1.873	2.032	-8.5	91	0.00
83		1,2-dibromo-3-chloropropane	0.177	0.185	-4.5	90	0.00
84		hexachloroethane	0.234	0.310	-32.5#	114	0.00
85		1,2,4-trichlorobenzene	0.917	0.974	-6.2	91	0.00
86		hexachlorobutadiene	0.482	0.524	-8.7	94	0.00
87		naphthalene	2.069	2.207	-6.7	88	0.00
88		1,2,3-trichlorobenzene	0.756	0.790	-4.5	89	0.00
89		2-methylnaphthalene	0.677	0.701	-3.5	82	0.00

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

Data Path : C:\MSDCHEM\1\DATA\12-28-10\
InstName : 224
Data File : CCV1228B.D
Acq On : 28 Dec 2010 9:32
Operator : DLV
Sample : CCV/BS
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 28 09:46:53 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration



Data Path : C:\MSDCHEM\1\DATA\12-28-10\
InstName : 224
Data File : CCV1228B.D
Acq On : 28 Dec 2010 9:32
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Sample : CCV/BS
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Quant Time: Dec 28 09:46:53 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	459624	40.00	ug/L		0.00 92.76%
50) Chlorobenzene-d5	8.08	117	397861	40.00	ug/L		0.00 87.80%
65) 1,4-Dichlorobenzene-d4	10.38	152	237279	40.00	ug/L		0.00 86.68%
System Monitoring Compounds							
30) #Dibromofluoromethane	4.47	111	120326	39.61	ug/L		0.00
Spiked Amount 40.000			Recovery = 99.02%				
37) #1,2-Dichloroethane-d4	4.80	65	123875	41.26	ug/L		0.00
Spiked Amount 40.000			Recovery = 103.15%				
46) #Toluene-d8	6.67	98	467146	38.89	ug/L		0.00
Spiked Amount 40.000			Recovery = 97.23%				
64) #4-Bromofluorobenzene	9.23	95	189784	39.78	ug/L		0.00
Spiked Amount 40.000			Recovery = 99.45%				
Target Compounds							Qvalue
2) dichlorodifluoromethane	1.22	85	226995	42.51	ug/L		100
3) chloromethane	1.38	50	169071	39.05	ug/L		99
4) vinyl chloride	1.42	62	176470	41.52	ug/L		100
5) dichlorofluoromethane	1.84	67	296311	41.52	ug/L		99
6) bromomethane	1.64	94	84724	42.37	ug/L		98
7) chloroethane	1.71	64	110758	40.84	ug/L		98
8) trichlorofluoromethane	1.88	101	327516	42.29	ug/L		99
9) acrolein	2.19	56	13987	43.63	ug/L	#	97
10) ethyl ether	2.09	74	75480	40.55	ug/L		99
11) acrylonitrile	2.93	53	51410	40.81	ug/L		96
12) 1,1,2-trichloro-1,2,2-trif	2.27	101	151074	42.66	ug/L		100
13) 1,1-dichloroethene	2.27	96	157719	37.25	ug/L		97
14) iodomethane	2.41	142	200701	40.59	ug/L		99
15) acetone	2.31	43	36007	42.12	ug/L		95
16) methyl acetate	2.60	43	74128	36.81	ug/L		98
17) carbon disulfide	2.47	76	401476	41.95	ug/L		99
18) methylene chloride	2.69	49	180918	37.77	ug/L		98
19) trans-1,2-dichloroethene	2.96	96	181596	37.76	ug/L		99
20) methyl (tert) butyl ether	2.96	73	434660	40.55	ug/L		100
21) 1,1-dichloroethane	3.39	63	293499	38.43	ug/L		99
22) vinyl acetate	3.45	43	256011	43.91	ug/L		99
23) 2,2-dichloropropane	3.98	77	257328	40.92	ug/L		99
24) cis-1,2-dichloroethene	3.99	96	205990	38.49	ug/L		99
25) 2-butanone (MEK)	4.00	43	52687	38.46	ug/L		96
26) bromochloromethane	4.22	49	114820	37.47	ug/L		99
27) chloroform	4.31	83	326280	38.18	ug/L		100
28) tetrahydrofuran	4.27	71	15374	38.84	ug/L		96
29) 1,1,1-trichloroethane	4.49	97	313998	40.60	ug/L		98
31) carbon tetrachloride	4.65	117	278164	42.52	ug/L		99
32) 1,1-dichloropropene	4.65	75	257883	38.67	ug/L		99
33) cyclohexane	4.54	56	250442	40.65	ug/L		99
34) benzene	4.86	78	724523	37.58	ug/L		99
35) 1,2-dichloroethane	4.88	62	241833	38.81	ug/L		99
36) heptane	5.13	57	12389	No Calib		#	

Data Path : C:\MSDCHEM\1\DATA\12-28-10\
InstName : 224
Data File : CCV1228B.D
Acq On : 28 Dec 2010 9:32
Operator : DLV
Sample : CCV/BS
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 28 09:46:53 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
38) trichloroethene	5.49	130	235046	37.65	ug/L		99
39) 1,2-dichloropropane	5.71	63	160920	37.62	ug/L		99
40) dibromomethane	5.82	93	102743	37.17	ug/L		97
41) bromodichloromethane	5.98	83	246599	39.82	ug/L		100
42) methylcyclohexane	5.68	83	287373	41.78	ug/L		99
43) 2-chloroethyl vinyl ether	6.28	63	89709	40.89	ug/L		99
44) cis-1,3-dichloropropene	6.42	75	252740	39.44	ug/L		99
45) 4-methyl-2-pentanone (MIBK	6.58	43	101443	39.99	ug/L		99
47) toluene	6.74	91	837003	38.40	ug/L		99
48) trans-1,3-dichloropropene	6.96	75	240724	40.30	ug/L		100
49) 1,1,2-trichloroethane	7.14	83	120977	37.66	ug/L		98
51) tetrachloroethene	7.27	166	301195	39.52	ug/L		99
52) 1,3-dichloropropane	7.30	76	263157	39.16	ug/L		99
53) 2-hexanone (MBK)	7.39	43	68729	41.14	ug/L		96
54) dibromochloromethane	7.51	129	195987	42.06	ug/L		100
55) 1,2-dibromoethane	7.62	109	155144	39.65	ug/L		100
56) chlorobenzene	8.10	112	572290	39.64	ug/L		99
57) 1,1,1,2-tetrachloroethane	8.19	131	204885	41.27	ug/L		99
58) 1-chlorohexane	8.09	55	155636	43.65	ug/L		96
59) ethylbenzene	8.22	91	941097	40.76	ug/L		100
60) m+p-xylene	8.33	106	759018	80.91	ug/L		99
61) o-xylene	8.72	106	362165	41.00	ug/L		100
62) styrene	8.74	104	625696	40.86	ug/L		99
63) bromoform	8.91	173	135598	44.03	ug/L		99
66) isopropylbenzene	9.08	105	842015	42.36	ug/L		99
67) bromobenzene	9.37	77	314924	40.19	ug/L		100
68) 1,1,2,2-tetrachloroethane	9.38	83	182426	40.64	ug/L	#	99
69) 1,4-dichloro-2-butene	9.44	53	48979	47.90	ug/L	#	1
70) 1,2,3-trichloropropane	9.42	75	199982	40.40	ug/L		99
71) n-propylbenzene	9.49	120	249986	42.05	ug/L		100
72) 2-chlorotoluene	9.57	126	218737	41.10	ug/L		100
73) 1,3,5-trimethylbenzene	9.67	105	685080	42.80	ug/L		100
74) 4-chlorotoluene	9.68	126	228182	41.56	ug/L		98
75) tert-butylbenzene	9.99	119	600827	42.51	ug/L		99
76) 1,2,4-trimethylbenzene	10.04	105	688723	42.29	ug/L		100
77) sec-butylbenzene	10.20	105	762556	42.68	ug/L		99
78) 4-isopropyltoluene	10.36	119	681993	42.91	ug/L		99
79) 1,3-dichlorobenzene	10.31	146	436512	41.77	ug/L		99
80) 1,4-dichlorobenzene	10.39	146	444683	41.19	ug/L		100
81) 1,2-dichlorobenzene	10.77	146	414209	41.67	ug/L		100
82) n-butylbenzene	10.76	91	482034	43.39	ug/L		100
83) 1,2-dibromo-3-chloropropan	11.54	157	43959	41.88	ug/L		98
84) hexachloroethane	11.02	201	73620	43.81	ug/L		93
85) 1,2,4-trichlorobenzene	12.37	180	231073	42.49	ug/L		99
86) hexachlorobutadiene	12.55	225	124359	43.45	ug/L		98
87) naphthalene	12.61	128	523671	42.68	ug/L		100
88) 1,2,3-trichlorobenzene	12.85	180	187552	41.81	ug/L		100
89) 2-methylnaphthalene	13.76	142	166340	41.42	ug/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

CONTINUING CALIBRATION CHECK
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
SDG: 1012332
Client: MWH Americas - Farmington Hills, MI
Project: GE - Patillas, Puerto Rico
Lab Sample ID: 1A21014-CCV1
Lab File ID: CCV1228B2.D
Injection Date: 12/28/10
Injection Time: 21:36
Calibration Date: 12/23/10 00:00
Calibration: 0L28007
Sequence: 1A21014
Instrument ID: 224

Analyte	Type	CONC. (ug/L)		Response Factor			% Diff. / Drift	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	L	40.0	45.3	8.185802E-02	8.401332E-02		13.3	40
Benzene	A	40.0	39.4	1.677743	1.651094		-1.6	25
Bromobenzene	A	40.0	41.0	1.320907	1.354958		2.6	25
Bromochloromethane	A	40.0	38.6	0.2666654	0.2573697		-3.5	25
Bromodichloromethane	A	40.0	41.4	0.5389342	0.5576442		3.5	25
Bromoform	A	40.0	44.0	0.3096433	0.3402321	0.1	9.9	25
Bromomethane	A	40.0	37.8	0.1740314	0.1642972		-5.6	25
n-Butylbenzene	A	40.0	44.1	1.872965	2.06519		10.3	25
sec-Butylbenzene	A	40.0	43.8	3.012227	3.29497		9.4	25
tert-Butylbenzene	A	40.0	43.8	2.382713	2.608803		9.5	25
Carbon Tetrachloride	A	40.0	43.3	0.5693415	0.6168546		8.3	25
Chlorobenzene	A	40.0	41.2	1.451601	1.494725	0.3	3.0	25
Chloroethane	A	40.0	42.4	0.2359965	0.2501753		6.0	25
Chloroform	A	40.0	40.2	0.743767	0.7469734		0.4	20
Chloromethane	A	40.0	40.7	0.3767669	0.3832375	0.1	1.7	25
2-Chlorotoluene	A	40.0	42.8	0.8972034	0.9588208		6.9	25
4-Chlorotoluene	A	40.0	42.3	0.9256465	0.9783484		5.7	25
1,2-Dibromo-3-chloropropane	A	40.0	43.2	0.1769304	0.191136		8.0	25
Dibromochloromethane	A	40.0	42.7	0.4684305	0.5003055		6.8	25
1,2-Dibromoethane	A	40.0	40.5	0.3934193	0.3980815		1.2	25
Dibromomethane	A	40.0	38.9	0.2405368	0.2339617		-2.7	25
1,2-Dichlorobenzene	A	40.0	43.2	1.675764	1.809515		8.0	25
1,3-Dichlorobenzene	A	40.0	42.3	1.761746	1.863027		5.7	25
1,4-Dichlorobenzene	A	40.0	42.2	1.819802	1.919499		5.5	25
Dichlorodifluoromethane	A	40.0	44.8	0.4646959	0.520225		11.9	25
1,1-Dichloroethane	A	40.0	40.0	0.6646733	0.6645038	0.1	-0.03	25
1,2-Dichloroethane	A	40.0	41.0	0.5422532	0.5557961		2.5	25
1,1-Dichloroethene	A	40.0	39.1	0.3684388	0.3604219		-2.2	20
cis-1,2-Dichloroethene	A	40.0	39.7	0.4657604	0.4624073		-0.7	25

CONTINUING CALIBRATION CHECK

USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
SDG: 1012332
Client: MWH Americas - Farmington Hills, MI
Project: GE - Patillas, Puerto Rico
Lab Sample ID: 1A21014-CCV1
Lab File ID: CCV1228B2.D
Injection Date: 12/28/10
Injection Time: 21:36
Calibration Date: 12/23/10 00:00
Calibration: 0L28007
Sequence: 1A21014
Instrument ID: 224

Analyte	Type	CONC. (ug/L)		Response Factor			% Diff. / Drift	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
trans-1,2-Dichloroethene	A	40.0	40.3	0.4185435	0.4215206		0.7	25
1,2-Dichloropropane	A	40.0	39.0	0.3722754	0.3628885		-2.5	20
1,3-Dichloropropane	A	40.0	40.6	0.675551	0.6855659		1.5	25
2,2-Dichloropropane	A	40.0	38.7	0.5472547	0.5294754		-3.2	25
1,1-Dichloropropene	A	40.0	40.9	0.5803451	0.5928778		2.2	25
cis-1,3-Dichloropropene	A	40.0	39.7	0.5577267	0.5533601		-0.8	25
trans-1,3-Dichloropropene	A	40.0	40.1	0.519882	0.5211337		0.2	25
Ethylbenzene	A	40.0	42.1	2.321467	2.445092		5.3	20
Hexachlorobutadiene	A	40.0	43.8	0.4824909	0.528505		9.5	25
Isopropylbenzene	A	40.0	43.8	3.350926	3.671543		9.6	25
4-Isopropyltoluene	A	40.0	43.8	2.679021	2.929898		9.4	25
Methyl tert-Butyl Ether	A	40.0	42.0	0.9328599	0.9790374		5.0	25
Methylene Chloride	A	40.0	37.3	0.4168471	0.3891573		-6.6	25
2-Butanone (MEK)	A	40.0	40.5	0.1192288	0.1206513		1.2	40
4-Methyl-2-pentanone (MIBK)	A	40.0	42.4	0.2207493	0.2341529		6.1	40
Naphthalene	A	40.0	44.3	2.068621	2.291413		10.8	25
n-Propylbenzene	A	40.0	42.8	1.002106	1.071133		6.9	25
Styrene	A	40.0	42.0	1.539584	1.616661		5.0	25
1,1,1,2-Tetrachloroethane	A	40.0	42.7	0.49915	0.532849		6.8	25
1,1,2,2-Tetrachloroethane	A	40.0	41.2	0.7567108	0.7798732	0.3	3.1	25
Tetrachloroethene	A	40.0	41.8	0.7661684	0.8004104		4.5	25
Toluene	A	40.0	40.1	1.897055	1.901527		0.2	20
1,2,3-Trichlorobenzene	A	40.0	43.9	0.7562202	0.8305472		9.8	25
1,2,4-Trichlorobenzene	A	40.0	44.0	0.9166701	1.007122		9.9	25
1,1,1-Trichloroethane	A	40.0	42.1	0.6730355	0.7087233		5.3	25
1,1,2-Trichloroethane	A	40.0	39.2	0.2795944	0.2737343		-2.1	25
Trichloroethene	A	40.0	40.3	0.5433421	0.5472491		0.7	25
Trichlorofluoromethane	A	40.0	45.7	0.6740127	0.7697653		14.2	25
1,2,3-Trichloropropane	A	40.0	41.5	0.8344378	0.8664073		3.8	25

CONTINUING CALIBRATION CHECK
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
SDG: 1012332
Client: MWH Americas - Farmington Hills, MI
Project: GE - Patillas, Puerto Rico
Lab Sample ID: 1A21014-CCV1
Lab File ID: CCV1228B2.D
Injection Date: 12/28/10
Injection Time: 21:36
Calibration Date: 12/23/10 00:00
Calibration: 0L28007
Sequence: 1A21014
Instrument ID: 224

Analyte	Type	CONC. (ug/L)		Response Factor			% Diff. / Drift	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,2,4-Trimethylbenzene	A	40.0	43.5	2.74544	2.986049		8.8	25
1,3,5-Trimethylbenzene	A	40.0	44.1	2.698082	2.973228		10.2	25
Vinyl Chloride	A	40.0	43.4	0.3698596	0.4015494		8.6	20
Xylene, Meta + Para	A	80.0	83.5	0.9432007	0.9848746		4.4	25
Xylene, Ortho	A	40.0	42.6	0.8880678	0.9449542		6.4	25

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

* Values outside of QC limits

Evaluate Continuing Calibration Report

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : CCV1228B2.D
Acq On : 28 Dec 2010 21:36
Operator : DLV
Sample : CCV/BS
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 28 21:51:00 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	86	0.00
2		dichlorodifluoromethane	0.465	0.520	-11.8	98	0.00
3	P	chloromethane	0.377	0.383	-1.6	91	0.00
4	C	vinyl chloride	0.370	0.402	-8.6	95	0.00
5		dichlorofluoromethane	0.621	0.681	-9.7	96	0.00
6		bromomethane	0.174	0.164	5.7	85	0.00
7		chloroethane	0.236	0.250	-5.9	92	0.00
8		trichlorofluoromethane	0.674	0.770	-14.2	98	0.00
9		acrolein	0.028	0.031	-10.7	86	0.00
10		ethyl ether	0.162	0.178	-9.9	94	0.00
11		acrylonitrile	0.110	0.121	-10.0	92	0.00
12		1,1,2-trichloro-1,2,2-trifl	0.308	0.345	-12.0	94	0.00
13	C	1,1-dichloroethene	0.368	0.360	2.2	84	0.00
14		iodomethane	0.356	0.361	-1.4	78	0.00
15		acetone	0.082	0.084	-2.4	95	0.00
16		methyl acetate	0.175	0.176	-0.6	92	0.00
17		carbon disulfide	0.833	0.897	-7.7	95	0.00
18		methylene chloride	0.417	0.389	6.7	79	0.00
19		trans-1,2-dichloroethene	0.419	0.422	-0.7	85	0.00
20		methyl (tert) butyl ether	0.933	0.979	-4.9	89	0.00
21	P	1,1-dichloroethane	0.665	0.665	0.0	85	0.00
22		vinyl acetate	0.507	0.451	11.0	76	0.00
23		2,2-dichloropropane	0.547	0.529	3.3	81	0.00
24		cis-1,2-dichloroethene	0.466	0.462	0.9	85	0.00
25		2-butanone (MEK)	0.119	0.121	-1.7	91	0.00
26		bromochloromethane	0.267	0.257	3.7	84	0.00
27	C	chloroform	0.744	0.747	-0.4	86	0.00
28		tetrahydrofuran	0.034	0.034	0.0	86	0.00
29		1,1,1-trichloroethane	0.673	0.709	-5.3	88	0.00
30	S	#Dibromofluoromethane	0.264	0.267	-1.1	86	0.00
31		carbon tetrachloride	0.569	0.617	-8.4	89	0.00
32		1,1-dichloropropene	0.580	0.593	-2.2	86	0.00
33		cyclohexane	0.536	0.576	-7.5	91	0.00
34		benzene	1.678	1.651	1.6	84	0.00
35		1,2-dichloroethane	0.542	0.556	-2.6	88	0.00
36		heptane	0.000	0.028	0.0	0#	0.00
37	s	#1,2-Dichloroethane-d4	0.261	0.279	-6.9	91	0.00
38		trichloroethene	0.543	0.547	-0.7	85	0.00
39	C	1,2-dichloropropane	0.372	0.363	2.4	84	0.00
40		dibromomethane	0.241	0.234	2.9	83	0.00
41		bromodichloromethane	0.539	0.558	-3.5	87	0.00
42		methylcyclohexane	0.599	0.647	-8.0	90	0.00
43		2-chloroethyl vinyl ether	0.191	0.204	-6.8	86	0.00
44		cis-1,3-dichloropropene	0.558	0.553	0.9	82	0.00
45		4-methyl-2-pentanone (MIBK)	0.221	0.234	-5.9	86	0.00
46	s	#Toluene-d8	1.045	1.041	0.4	85	0.00
47	C	toluene	1.897	1.902	-0.3	85	0.00
48		trans-1,3-dichloropropene	0.520	0.521	-0.2	82	0.00
49		1,1,2-trichloroethane	0.280	0.274	2.1	83	0.00

Evaluate Continuing Calibration Report

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : CCV1228B2.D
Acq On : 28 Dec 2010 21:36
Operator : DLV
Sample : CCV/BS
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 28 21:51:00 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

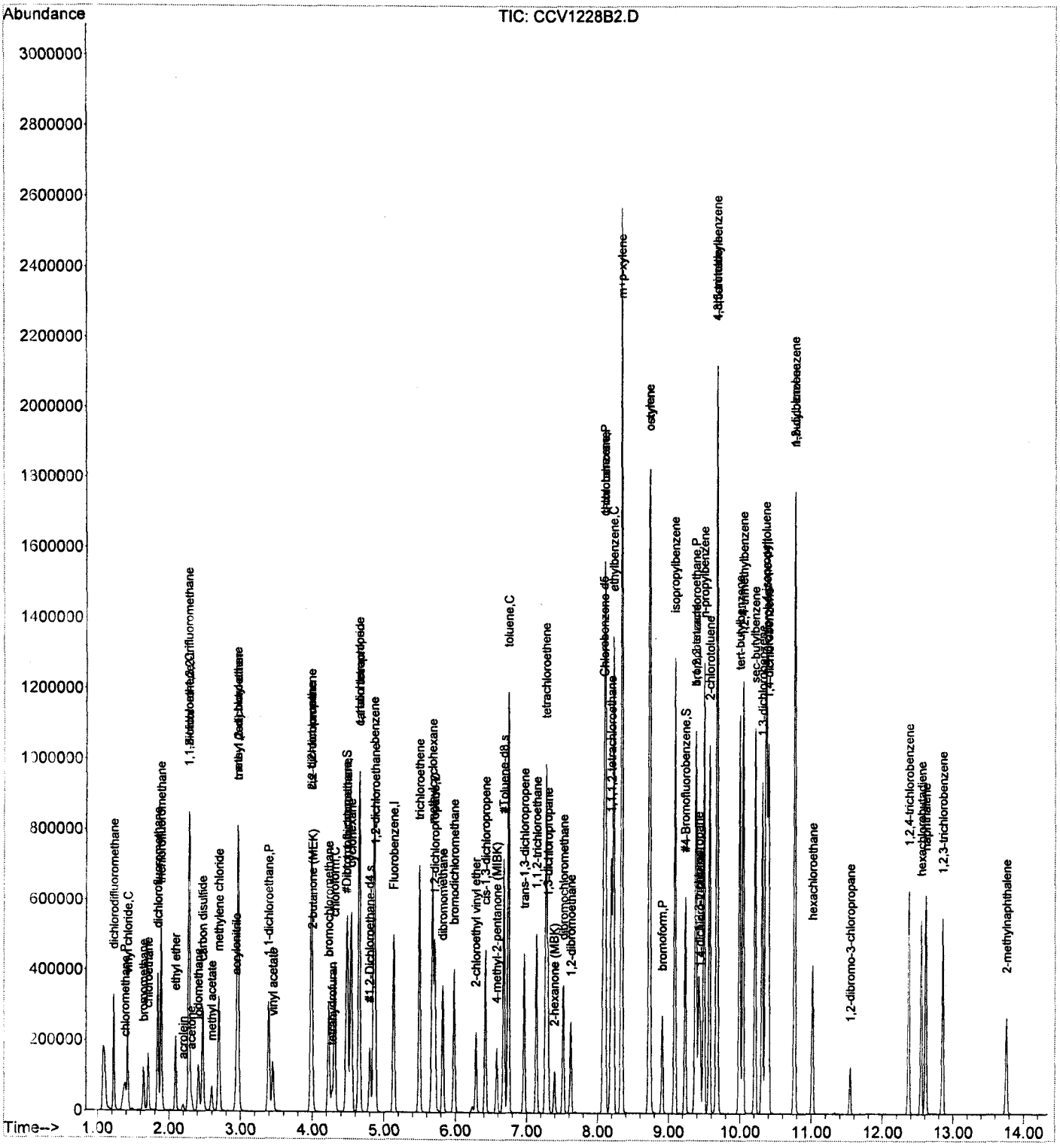
Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50		Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
51		tetrachloroethene	0.766	0.800	-4.4	84	0.00
52		1,3-dichloropropane	0.676	0.686	-1.5	82	0.00
53		2-hexanone (MBK)	0.168	0.184	-9.5	87	0.00
54		dibromochloromethane	0.468	0.500	-6.8	84	0.00
55		1,2-dibromoethane	0.393	0.398	-1.3	83	0.00
56	P	chlorobenzene	1.452	1.495	-3.0	84	0.00
57		1,1,1,2-tetrachloroethane	0.499	0.533	-6.8	87	0.00
58		1-chlorohexane	0.413	0.410	0.7	93	0.00
59	C	ethylbenzene	2.321	2.445	-5.3	85	0.00
60		m+p-xylene	0.943	0.985	-4.5	85	0.00
61		o-xylene	0.888	0.945	-6.4	86	0.00
62		styrene	1.540	1.617	-5.0	85	0.00
63	P	bromoform	0.310	0.340	-9.7	85	0.00
64	S	#4-Bromofluorobenzene	0.480	0.487	-1.5	83	0.00
65	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	81	0.00
66		isopropylbenzene	3.351	3.672	-9.6	86	0.00
67		bromobenzene	1.321	1.355	-2.6	86	0.00
68	P	1,1,2,2-tetrachloroethane	0.757	0.780	-3.0	83	0.00
69		1,4-dichloro-2-butene	0.172	0.198	-15.1	87	0.00
70		1,2,3-trichloropropane	0.834	0.866	-3.8	84	0.00
71		n-propylbenzene	1.002	1.071	-6.9	85	0.00
72		2-chlorotoluene	0.897	0.959	-6.9	87	0.00
73		1,3,5-trimethylbenzene	2.698	2.973	-10.2	88	0.00
74		4-chlorotoluene	0.926	0.978	-5.6	85	0.00
75		tert-butylbenzene	2.383	2.609	-9.5	88	0.00
76		1,2,4-trimethylbenzene	2.745	2.986	-8.8	87	0.00
77		sec-butylbenzene	3.012	3.295	-9.4	86	0.00
78		4-isopropyltoluene	2.679	2.930	-9.4	87	0.00
79		1,3-dichlorobenzene	1.762	1.863	-5.7	85	0.00
80		1,4-dichlorobenzene	1.820	1.919	-5.4	87	0.00
81		1,2-dichlorobenzene	1.676	1.810	-8.0	88	0.00
82		n-butylbenzene	1.873	2.065	-10.3	86	0.00
83		1,2-dibromo-3-chloropropane	0.177	0.191	-7.9	86	0.00
84		hexachloroethane	0.234	0.296	-26.5#	101	0.00
85		1,2,4-trichlorobenzene	0.917	1.007	-9.8	88	0.00
86		hexachlorobutadiene	0.482	0.529	-9.8	88	0.00
87		naphthalene	2.069	2.291	-10.7	85	0.00
88		1,2,3-trichlorobenzene	0.756	0.831	-9.9	87	0.00
89		2-methylnaphthalene	0.677	0.714	-5.5	78	0.00

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

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : CCV1228B2.D
Acq On : 28 Dec 2010 21:36
Operator : DLV
Sample : CCV/BS
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 28 21:51:00 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration



Quantitation Report (Not Edited)

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : CCV1228B2.D
Acq On : 28 Dec 2010 21:36
Operator : DLV
Sample : CCV/BS
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 28 21:51:00 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	423659	40.00	ug/L	0.00 85.50%
50) Chlorobenzene-d5	8.08	117	369874	40.00	ug/L	0.00 81.63%
65) 1,4-Dichlorobenzene-d4	10.38	152	221277	40.00	ug/L	0.00 80.83%
System Monitoring Compounds						
30) #Dibromofluoromethane	4.47	111	113149	40.41	ug/L	0.00
Spiked Amount 40.000			Recovery =	101.02%		
37) #1,2-Dichloroethane-d4	4.80	65	118050	42.66	ug/L	0.00
Spiked Amount 40.000			Recovery =	106.65%		
46) #Toluene-d8	6.68	98	440881	39.82	ug/L	0.00
Spiked Amount 40.000			Recovery =	99.55%		
64) #4-Bromofluorobenzene	9.23	95	180298	40.65	ug/L	0.00
Spiked Amount 40.000			Recovery =	101.62%		
Target Compounds						Qvalue
2) dichlorodifluoromethane	1.22	85	220398	44.78	ug/L	100
3) chloromethane	1.38	50	162362	40.69	ug/L	98
4) vinyl chloride	1.42	62	170120	43.43	ug/L	99
5) dichlorofluoromethane	1.84	67	288304	43.82	ug/L	99
6) bromomethane	1.64	94	69606	37.76	ug/L	98
7) chloroethane	1.71	64	105989	42.40	ug/L	99
8) trichlorofluoromethane	1.88	101	326118	45.68	ug/L	99
9) acrolein	2.19	56	13127	44.43	ug/L #	97
10) ethyl ether	2.09	74	75420	43.96	ug/L	99
11) acrylonitrile	2.93	53	51245	44.14	ug/L	98
12) 1,1,2-trichloro-1,2,2-trif	2.27	101	146065	44.75	ug/L	100
13) 1,1-dichloroethene	2.28	96	152696	39.13	ug/L	95
14) iodomethane	2.41	142	153032	34.32	ug/L	99
15) acetone	2.32	43	35593	45.33	ug/L	99
16) methyl acetate	2.60	43	74482	40.13	ug/L	98
17) carbon disulfide	2.47	76	379870	43.07	ug/L	99
18) methylene chloride	2.69	49	164870	37.34	ug/L	99
19) trans-1,2-dichloroethene	2.96	96	178581	40.28	ug/L	99
20) methyl (tert) butyl ether	2.96	73	414778	41.98	ug/L	100
21) 1,1-dichloroethane	3.40	63	281523	39.99	ug/L	99
22) vinyl acetate	3.45	43	191134	35.57	ug/L	98
23) 2,2-dichloropropane	3.98	77	224317	38.70	ug/L	100
24) cis-1,2-dichloroethene	3.99	96	195903	39.71	ug/L	100
25) 2-butanone (MEK)	4.00	43	51115	40.48	ug/L	98
26) bromochloromethane	4.22	49	109037	38.61	ug/L	98
27) chloroform	4.31	83	316462	40.17	ug/L	99
28) tetrahydrofuran	4.27	71	14353	39.34	ug/L	93
29) 1,1,1-trichloroethane	4.49	97	300257	42.12	ug/L	99
31) carbon tetrachloride	4.65	117	261336	43.34	ug/L	99
32) 1,1-dichloropropene	4.65	75	251178	40.86	ug/L	99
33) cyclohexane	4.54	56	244196	43.00	ug/L	100
34) benzene	4.86	78	699501	39.36	ug/L	99
35) 1,2-dichloroethane	4.88	62	235468	41.00	ug/L	99
36) heptane	5.13	57	12062	No Calib	#	

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : CCV1228B2.D
Acq On : 28 Dec 2010 21:36
Operator : DLV
Sample : CCV/BS
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 28 21:51:00 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
38) trichloroethene	5.49	130	231847	40.29	ug/L		99
39) 1,2-dichloropropane	5.71	63	153741	38.99	ug/L		100
40) dibromomethane	5.82	93	99120	38.91	ug/L		98
41) bromodichloromethane	5.98	83	236251	41.39	ug/L		99
42) methylcyclohexane	5.68	83	273902	43.20	ug/L		100
43) 2-chloroethyl vinyl ether	6.28	63	86226	42.64	ug/L		98
44) cis-1,3-dichloropropene	6.42	75	234436	39.69	ug/L		98
45) 4-methyl-2-pentanone (MIBK	6.58	43	99201	42.43	ug/L		99
47) toluene	6.74	91	805599	40.09	ug/L		99
48) trans-1,3-dichloropropene	6.96	75	220783	40.10	ug/L		99
49) 1,1,2-trichloroethane	7.14	83	115970	39.16	ug/L		100
51) tetrachloroethene	7.27	166	296051	41.79	ug/L		100
52) 1,3-dichloropropane	7.30	76	253573	40.59	ug/L		99
53) 2-hexanone (MBK)	7.39	43	67958	43.76	ug/L		95
54) dibromochloromethane	7.52	129	185050	42.72	ug/L		100
55) 1,2-dibromoethane	7.62	109	147240	40.47	ug/L		100
56) chlorobenzene	8.10	112	552860	41.19	ug/L		100
57) 1,1,1,2-tetrachloroethane	8.19	131	197087	42.70	ug/L		99
58) 1-chlorohexane	8.09	55	151635	45.79	ug/L		94
59) ethylbenzene	8.22	91	904376	42.13	ug/L		99
60) m+p-xylene	8.33	106	728559	83.53	ug/L		100
61) o-xylene	8.72	106	349514	42.56	ug/L		99
62) styrene	8.74	104	597961	42.00	ug/L		100
63) bromoform	8.91	173	125843	43.95	ug/L		99
66) isopropylbenzene	9.08	105	812428	43.83	ug/L		100
67) bromobenzene	9.37	77	299821	41.03	ug/L		100
68) 1,1,2,2-tetrachloroethane	9.38	83	172568	41.22	ug/L	#	98
69) 1,4-dichloro-2-butene	9.44	53	43723	45.85	ug/L	#	1
70) 1,2,3-trichloropropane	9.42	75	191716	41.53	ug/L		99
71) n-propylbenzene	9.49	120	237017	42.76	ug/L		97
72) 2-chlorotoluene	9.57	126	212165	42.75	ug/L		98
73) 1,3,5-trimethylbenzene	9.67	105	657907	44.08	ug/L		99
74) 4-chlorotoluene	9.68	126	216486	42.28	ug/L		99
75) tert-butylbenzene	9.99	119	577268	43.80	ug/L		99
76) 1,2,4-trimethylbenzene	10.04	105	660744	43.51	ug/L		100
77) sec-butylbenzene	10.20	105	729101	43.75	ug/L		99
78) 4-isopropyltoluene	10.36	119	648319	43.75	ug/L		99
79) 1,3-dichlorobenzene	10.31	146	412245	42.30	ug/L		99
80) 1,4-dichlorobenzene	10.39	146	424741	42.19	ug/L		100
81) 1,2-dichlorobenzene	10.77	146	400404	43.19	ug/L		98
82) n-butylbenzene	10.76	91	456979	44.11	ug/L		100
83) 1,2-dibromo-3-chloropropan	11.54	157	42294	43.21	ug/L		97
84) hexachloroethane	11.02	201	65541	42.07	ug/L		92
85) 1,2,4-trichlorobenzene	12.37	180	222853	43.95	ug/L		100
86) hexachlorobutadiene	12.55	225	116946	43.81	ug/L		99
87) naphthalene	12.61	128	507037	44.31	ug/L		99
88) 1,2,3-trichlorobenzene	12.85	180	183781	43.93	ug/L		100
89) 2-methylnaphthalene	13.76	142	158046	42.21	ug/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

CONTINUING CALIBRATION CHECK
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
SDG: 1012332
Client: MWH Americas - Farmington Hills, MI
Project: GE - Patillas, Puerto Rico
Lab Sample ID: 1A21015-CCV1
Lab File ID: CCV1229B.D
Injection Date: 12/29/10
Injection Time: 11:39
Calibration Date: 12/23/10 00:00
Calibration: 0L28007
Sequence: 1A21015
Instrument ID: 224

Analyte	Type	CONC. (ug/L)		Response Factor			% Diff. / Drift	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	L	40.0	40.6	8.185802E-02	7.573492E-02		1.6	40
Benzene	A	40.0	42.4	1.677743	1.776428		5.9	25
Bromobenzene	A	40.0	44.6	1.320907	1.471515		11.4	25
Bromochloromethane	A	40.0	42.2	0.2666654	0.281587		5.6	25
Bromodichloromethane	A	40.0	44.7	0.5389342	0.6023324		11.8	25
Bromoform	A	40.0	47.5	0.3096433	0.3678786	0.1	18.8	25
Bromomethane	A	40.0	44.2	0.1740314	0.1924238		10.6	25
n-Butylbenzene	A	40.0	48.1	1.872965	2.251866		20.2	25
sec-Butylbenzene	A	40.0	46.6	3.012227	3.510032		16.5	25
tert-Butylbenzene	A	40.0	47.3	2.382713	2.819956		18.4	25
Carbon Tetrachloride	A	40.0	48.4	0.5693415	0.6886008		20.9	25
Chlorobenzene	A	40.0	43.8	1.451601	1.587939	0.3	9.4	25
Chloroethane	A	40.0	42.8	0.2359965	0.2526126		7.0	25
Chloroform	A	40.0	42.9	0.743767	0.7976339		7.2	20
Chloromethane	A	40.0	42.7	0.3767669	0.4022015	0.1	6.8	25
2-Chlorotoluene	A	40.0	45.7	0.8972034	1.024757		14.2	25
4-Chlorotoluene	A	40.0	45.2	0.9256465	1.045744		13.0	25
1,2-Dibromo-3-chloropropane	A	40.0	43.7	0.1769304	0.1931489		9.2	25
Dibromochloromethane	A	40.0	46.0	0.4684305	0.5386582		15.0	25
1,2-Dibromoethane	A	40.0	44.4	0.3934193	0.4362343		10.9	25
Dibromomethane	A	40.0	43.0	0.2405368	0.2583728		7.4	25
1,2-Dichlorobenzene	A	40.0	45.2	1.675764	1.894419		13.0	25
1,3-Dichlorobenzene	A	40.0	45.6	1.761746	2.007873		14.0	25
1,4-Dichlorobenzene	A	40.0	45.0	1.819802	2.047018		12.5	25
Dichlorodifluoromethane	A	40.0	50.4	0.4646959	0.5854036		26.0	25 *
1,1-Dichloroethane	A	40.0	42.4	0.6646733	0.7051387	0.1	6.1	25
1,2-Dichloroethane	A	40.0	44.7	0.5422532	0.6058086		11.7	25
1,1-Dichloroethene	A	40.0	41.8	0.3684388	0.3853142		4.6	20
cis-1,2-Dichloroethene	A	40.0	42.7	0.4657604	0.4970588		6.7	25

CONTINUING CALIBRATION CHECK
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
SDG: 1012332
Client: MWH Americas - Farmington Hills, MI
Project: GE - Patillas, Puerto Rico
Lab Sample ID: 1A21015-CCV1
Lab File ID: CCV1229B.D
Injection Date: 12/29/10
Injection Time: 11:39
Calibration Date: 12/23/10 00:00
Calibration: 0L28007
Sequence: 1A21015
Instrument ID: 224

Analyte	Type	CONC. (ug/L)		Response Factor			% Diff. / Drift	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
trans-1,2-Dichloroethene	A	40.0	42.8	0.4185435	0.4476454		7.0	25
1,2-Dichloropropane	A	40.0	41.2	0.3722754	0.3834723		3.0	20
1,3-Dichloropropane	A	40.0	43.5	0.675551	0.7353302		8.8	25
2,2-Dichloropropane	A	40.0	46.1	0.5472547	0.6311113		15.3	25
1,1-Dichloropropene	A	40.0	43.7	0.5803451	0.6334003		9.1	25
cis-1,3-Dichloropropene	A	40.0	44.6	0.5577267	0.6224931		11.6	25
trans-1,3-Dichloropropene	A	40.0	45.4	0.519882	0.5900108		13.5	25
Ethylbenzene	A	40.0	44.8	2.321467	2.599886		12.0	20
Hexachlorobutadiene	A	40.0	46.1	0.4824909	0.555528		15.1	25
Isopropylbenzene	A	40.0	47.5	3.350926	3.981355		18.8	25
4-Isopropyltoluene	A	40.0	46.7	2.679021	3.126043		16.7	25
Methyl tert-Butyl Ether	A	40.0	44.1	0.9328599	1.028393		10.2	25
Methylene Chloride	A	40.0	43.1	0.4168471	0.4493749		7.8	25
2-Butanone (MEK)	A	40.0	38.8	0.1192288	0.1156287		-3.0	40
4-Methyl-2-pentanone (MIBK)	A	40.0	42.9	0.2207493	0.2366365		7.2	40
Naphthalene	A	40.0	46.3	2.068621	2.395403		15.8	25
n-Propylbenzene	A	40.0	46.1	1.002106	1.155704		15.3	25
Styrene	A	40.0	44.7	1.539584	1.72166		11.8	25
1,1,1,2-Tetrachloroethane	A	40.0	46.2	0.49915	0.5762376		15.4	25
1,1,2,2-Tetrachloroethane	A	40.0	43.6	0.7567108	0.8246672	0.3	9.0	25
Tetrachloroethene	A	40.0	43.3	0.7661684	0.8288127		8.2	25
Toluene	A	40.0	42.4	1.897055	2.012478		6.1	20
1,2,3-Trichlorobenzene	A	40.0	45.8	0.7562202	0.8668846		14.6	25
1,2,4-Trichlorobenzene	A	40.0	45.2	0.9166701	1.036293		13.0	25
1,1,1-Trichloroethane	A	40.0	45.6	0.6730355	0.766439		13.9	25
1,1,2-Trichloroethane	A	40.0	42.4	0.2795944	0.296625		6.1	25
Trichloroethene	A	40.0	42.8	0.5433421	0.5806987		6.9	25
Trichlorofluoromethane	A	40.0	46.5	0.6740127	0.783573		16.3	25
1,2,3-Trichloropropane	A	40.0	44.9	0.8344378	0.9368144		12.3	25

CONTINUING CALIBRATION CHECK
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
SDG: 1012332
Client: MWH Americas - Farmington Hills, MI
Project: GE - Patillas, Puerto Rico
Lab Sample ID: 1A21015-CCV1
Lab File ID: CCV1229B.D
Injection Date: 12/29/10
Injection Time: 11:39
Calibration Date: 12/23/10 00:00
Calibration: 0L28007
Sequence: 1A21015
Instrument ID: 224

Analyte	Type	CONC. (ug/L)		Response Factor			% Diff. / Drift	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,2,4-Trimethylbenzene	A	40.0	46.1	2.74544	3.165001		15.3	25
1,3,5-Trimethylbenzene	A	40.0	47.2	2.698082	3.183009		18.0	25
Vinyl Chloride	A	40.0	44.7	0.3698596	0.4130403		11.7	20
Xylene, Meta + Para	A	80.0	89.0	0.9432007	1.049035		11.2	25
Xylene, Ortho	A	40.0	45.2	0.8880678	1.00467		13.1	25

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

* Values outside of QC limits

Evaluate Continuing Calibration Report

Data Path : C:\MSDChem\1\DATA\12-29-10\
InstName : 224
Data File : CCV1229B.D
Acq On : 29 Dec 2010 11:39
Operator : DLV
Sample : CCV/BS
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 29 11:55:45 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	83	0.00
2		dichlorodifluoromethane	0.465	0.585	-25.8#	106	0.00
3	P	chloromethane	0.377	0.402	-6.6	93	0.00
4	C	vinyl chloride	0.370	0.413	-11.6	95	0.00
5		dichlorofluoromethane	0.621	0.701	-12.9	95	0.00
6		bromomethane	0.174	0.192	-10.3	96	0.01
7		chloroethane	0.236	0.253	-7.2	90	0.00
8		trichlorofluoromethane	0.674	0.784	-16.3	96	0.00
9		acrolein	0.028	0.033	-17.9	88	0.00
10		ethyl ether	0.162	0.180	-11.1	92	0.00
11		acrylonitrile	0.110	0.116	-5.5	85	0.00
12		1,1,2-trichloro-1,2,2-trifl	0.308	0.350	-13.6	92	0.00
13	C	1,1-dichloroethene	0.368	0.385	-4.6	87	0.00
14		Iodomethane	0.356	0.425	-19.4	89	0.00
15		acetone	0.082	0.076	7.3	83	0.00
16		methyl acetate	0.175	0.172	1.7	88	0.00
17		carbon disulfide	0.833	0.907	-8.9	92	0.00
18		methylene chloride	0.417	0.449	-7.7	88	0.00
19		trans-1,2-dichloroethene	0.419	0.448	-6.9	87	0.00
20		methyl (tert) butyl ether	0.933	1.028	-10.2	90	0.00
21	P	1,1-dichloroethane	0.665	0.705	-6.0	87	0.00
22		vinyl acetate	0.507	0.579	-14.2	94	0.00
23		2,2-dichloropropane	0.547	0.631	-15.4	93	0.00
24		cis-1,2-dichloroethene	0.466	0.497	-6.7	88	0.00
25		2-butanone (MEK)	0.119	0.116	2.5	85	0.00
26		bromochloromethane	0.267	0.282	-5.6	89	0.00
27	C	chloroform	0.744	0.798	-7.3	89	0.00
28		tetrahydrofuran	0.034	0.036	-5.9	88	0.00
29		1,1,1-trichloroethane	0.673	0.766	-13.8	92	0.00
30	S	#Dibromofluoromethane	0.264	0.261	1.1	81	0.00
31		carbon tetrachloride	0.569	0.689	-21.1	96	0.00
32		1,1-dichloropropene	0.580	0.633	-9.1	89	0.00
33		cyclohexane	0.536	0.585	-9.1	90	0.00
34		benzene	1.678	1.776	-5.8	88	0.00
35		1,2-dichloroethane	0.542	0.606	-11.8	93	0.00
36		heptane	0.000	0.027	0.0	0#	0.00
37	s	#1,2-Dichloroethane-d4	0.261	0.274	-5.0	86	0.00
38		trichloroethene	0.543	0.581	-7.0	87	0.00
39	C	1,2-dichloropropane	0.372	0.383	-3.0	86	0.00
40		dibromomethane	0.241	0.258	-7.1	88	0.00
41		bromodichloromethane	0.539	0.602	-11.7	91	0.00
42		methylcyclohexane	0.599	0.670	-11.9	90	0.00
43		2-chloroethyl vinyl ether	0.191	0.192	-0.5	78	0.00
44		cis-1,3-dichloropropene	0.558	0.622	-11.5	89	0.00
45		4-methyl-2-pentanone (MIBK)	0.221	0.237	-7.2	84	0.00
46	s	#Toluene-d8	1.045	1.031	1.3	81	0.00
47	C	Toluene	1.897	2.012	-6.1	87	0.00
48		trans-1,3-dichloropropene	0.520	0.590	-13.5	89	0.00
49		1,1,2-trichloroethane	0.280	0.297	-6.1	87	0.00

Data Path : C:\MSDChem\1\DATA\12-29-10\
InstName : 224
Data File : CCV1229B.D
Acq On : 29 Dec 2010 11:39
Operator : DLV
Sample : CCV/BS
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 29 11:55:45 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

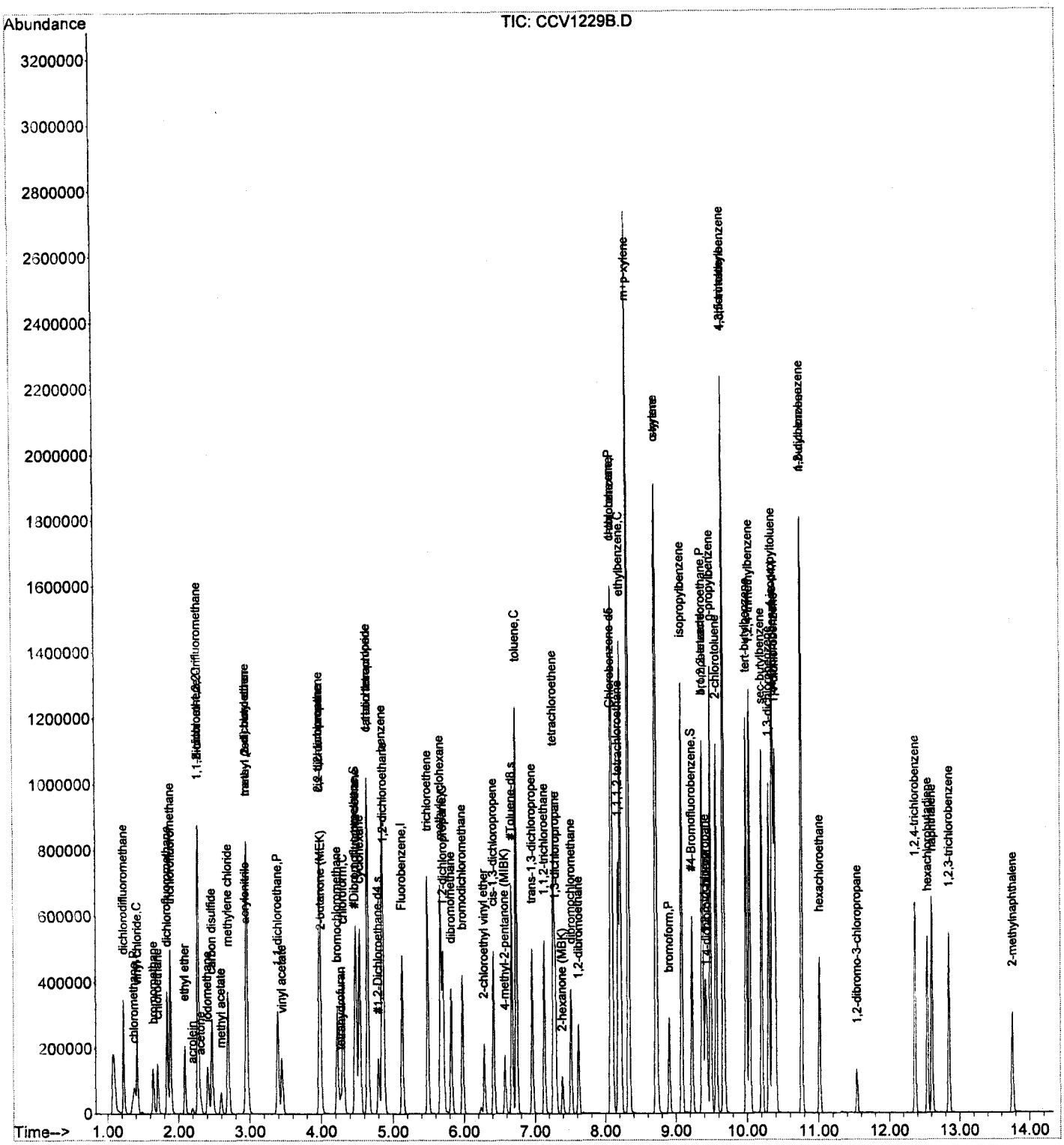
Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50		Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
51		tetrachloroethene	0.766	0.829	-8.2	85	0.00
52		1,3-dichloropropane	0.676	0.735	-8.7	86	0.00
53		2-hexanone (MBK)	0.168	0.178	-6.0	82	0.00
54		dibromochloromethane	0.468	0.539	-15.2	88	0.00
55		1,2-dibromoethane	0.393	0.436	-10.9	88	0.00
56	P	chlorobenzene	1.452	1.588	-9.4	87	0.00
57		1,1,1,2-tetrachloroethane	0.499	0.576	-15.4	91	0.00
58		1-chlorohexane	0.413	0.420	-1.7	93	0.00
59	C	ethylbenzene	2.321	2.600	-12.0	88	0.00
60		m+p-xylene	0.943	1.049	-11.2	88	0.00
61		o-xylene	0.888	1.005	-13.2	89	0.00
62		styrene	1.540	1.722	-11.8	88	0.00
63	P	bromoform	0.310	0.368	-18.7	90	0.00
64	S	#4-Bromofluorobenzene	0.480	0.474	1.3	79	0.00
65	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	78	0.00
66		isopropylbenzene	3.351	3.981	-18.8	90	0.00
67		bromobenzene	1.321	1.472	-11.4	90	0.00
68	P	1,1,2,2-tetrachloroethane	0.757	0.825	-9.0	85	0.00
69		1,4-dichloro-2-butene	0.172	0.229	-33.1#	97	0.00
70		1,2,3-trichloropropane	0.834	0.937	-12.4	88	0.00
71		n-propylbenzene	1.002	1.156	-15.4	88	0.00
72		2-chlorotoluene	0.897	1.025	-14.3	90	0.00
73		1,3,5-trimethylbenzene	2.698	3.183	-18.0	91	0.00
74		4-chlorotoluene	0.926	1.046	-13.0	88	0.00
75		tert-butylbenzene	2.383	2.820	-18.3	91	0.00
76		1,2,4-trimethylbenzene	2.745	3.165	-15.3	89	0.00
77		sec-butylbenzene	3.012	3.510	-16.5	89	0.00
78		4-isopropyltoluene	2.679	3.126	-16.7	90	0.00
79		1,3-dichlorobenzene	1.762	2.008	-14.0	89	0.00
80		1,4-dichlorobenzene	1.820	2.047	-12.5	90	0.00
81		1,2-dichlorobenzene	1.676	1.894	-13.0	89	0.00
82		n-butylbenzene	1.873	2.252	-20.2	91	0.00
83		1,2-dibromo-3-chloropropane	0.177	0.193	-9.0	84	0.00
84		hexachloroethane	0.234	0.342	-46.2#	113	0.00
85		1,2,4-trichlorobenzene	0.917	1.036	-13.0	87	0.00
86		hexachlorobutadiene	0.482	0.556	-15.4	90	0.00
87		naphthalene	2.069	2.395	-15.8	86	0.00
88		1,2,3-trichlorobenzene	0.756	0.867	-14.7	88	0.00
89		2-methylnaphthalene	0.677	0.799	-18.0	84	0.00

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

Data Path : C:\MSDChem\1\DATA\12-29-10\
InstName : 224
Data File : CCV1229B.D
Acq On : 29 Dec 2010 11:39
Operator : DLV
Sample : CCV/BS
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 29 11:55:45 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration



Data Path : C:\MSDChem\1\DATA\12-29-10\
InstName : 224
Data File : CCV1229B.D
Acq On : 29 Dec 2010 11:39
Operator : DLV
Sample : CCV/BS
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 29 11:55:45 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	409362	40.00	ug/L	0.00 82.62%
50) Chlorobenzene-d5	8.08	117	360570	40.00	ug/L	0.00 79.57%
65) 1,4-Dichlorobenzene-d4	10.38	152	213514	40.00	ug/L	0.00 78.00%
System Monitoring Compounds						
30) #Dibromofluoromethane	4.47	111	106969	39.54	ug/L	0.00
Spiked Amount 40.000			Recovery =	98.85%		
37) #1,2-Dichloroethane-d4	4.80	65	112182	41.95	ug/L	0.00
Spiked Amount 40.000			Recovery =	104.88%		
46) #Toluene-d8	6.67	98	422250	39.47	ug/L	0.00
Spiked Amount 40.000			Recovery =	98.67%		
64) #4-Bromofluorobenzene	9.23	95	171042	39.56	ug/L	0.00
Spiked Amount 40.000			Recovery =	98.90%		
Target Compounds						Qvalue
2) dichlorodifluoromethane	1.22	85	239642	50.39	ug/L	99
3) chloromethane	1.38	50	164646	42.70	ug/L	99
4) vinyl chloride	1.42	62	169083	44.67	ug/L	99
5) dichlorofluoromethane	1.84	67	286806	45.12	ug/L	100
6) bromomethane	1.65	94	78771	44.23	ug/L	98
7) chloroethane	1.71	64	103410	42.82	ug/L	100
8) trichlorofluoromethane	1.89	101	320765	46.50	ug/L	99
9) acrolein	2.19	56	13309	46.62	ug/L #	96
10) ethyl ether	2.09	74	73782	44.51	ug/L	99
11) acrylonitrile	2.94	53	47428	42.28	ug/L	97
12) 1,1,2-trichloro-1,2,2-trif	2.27	101	143347	45.45	ug/L	100
13) 1,1-dichloroethene	2.28	96	157733	41.83	ug/L	94
14) iodomethane	2.41	142	173909	39.61	ug/L	99
15) acetone	2.32	43	31003	40.65	ug/L	96
16) methyl acetate	2.60	43	70539	39.33	ug/L	99
17) carbon disulfide	2.47	76	371134	43.54	ug/L	99
18) methylene chloride	2.69	49	183957	43.12	ug/L	99
19) trans-1,2-dichloroethene	2.96	96	183249	42.78	ug/L	98
20) methyl (tert) butyl ether	2.96	73	420985	44.10	ug/L	99
21) 1,1-dichloroethane	3.40	63	288657	42.44	ug/L	99
22) vinyl acetate	3.45	43	237191	45.68	ug/L	99
23) 2,2-dichloropropane	3.98	77	258353	46.13	ug/L	99
24) cis-1,2-dichloroethene	3.99	96	203477	42.69	ug/L	99
25) 2-butanone (MEK)	4.00	43	47334	38.79	ug/L	98
26) bromochloromethane	4.22	49	115271	42.24	ug/L	98
27) chloroform	4.31	83	326521	42.90	ug/L	98
28) tetrahydrofuran	4.27	71	14551	41.27	ug/L	96
29) 1,1,1-trichloroethane	4.49	97	313751	45.55	ug/L	98
31) carbon tetrachloride	4.65	117	281887	48.38	ug/L	100
32) 1,1-dichloropropene	4.65	75	259290	43.66	ug/L	99
33) cyclohexane	4.54	56	239478	43.64	ug/L	98
34) benzene	4.86	78	727202	42.35	ug/L	99
35) 1,2-dichloroethane	4.88	62	247995	44.69	ug/L	99
36) heptane	5.13	57	11177	No Calib	#	

Data Path : C:\MSDChem\1\DATA\12-29-10\
InstName : 224
Data File : CCV1229B.D
Acq On : 29 Dec 2010 11:39
Operator : DLV
Sample : CCV/BS
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 29 11:55:45 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

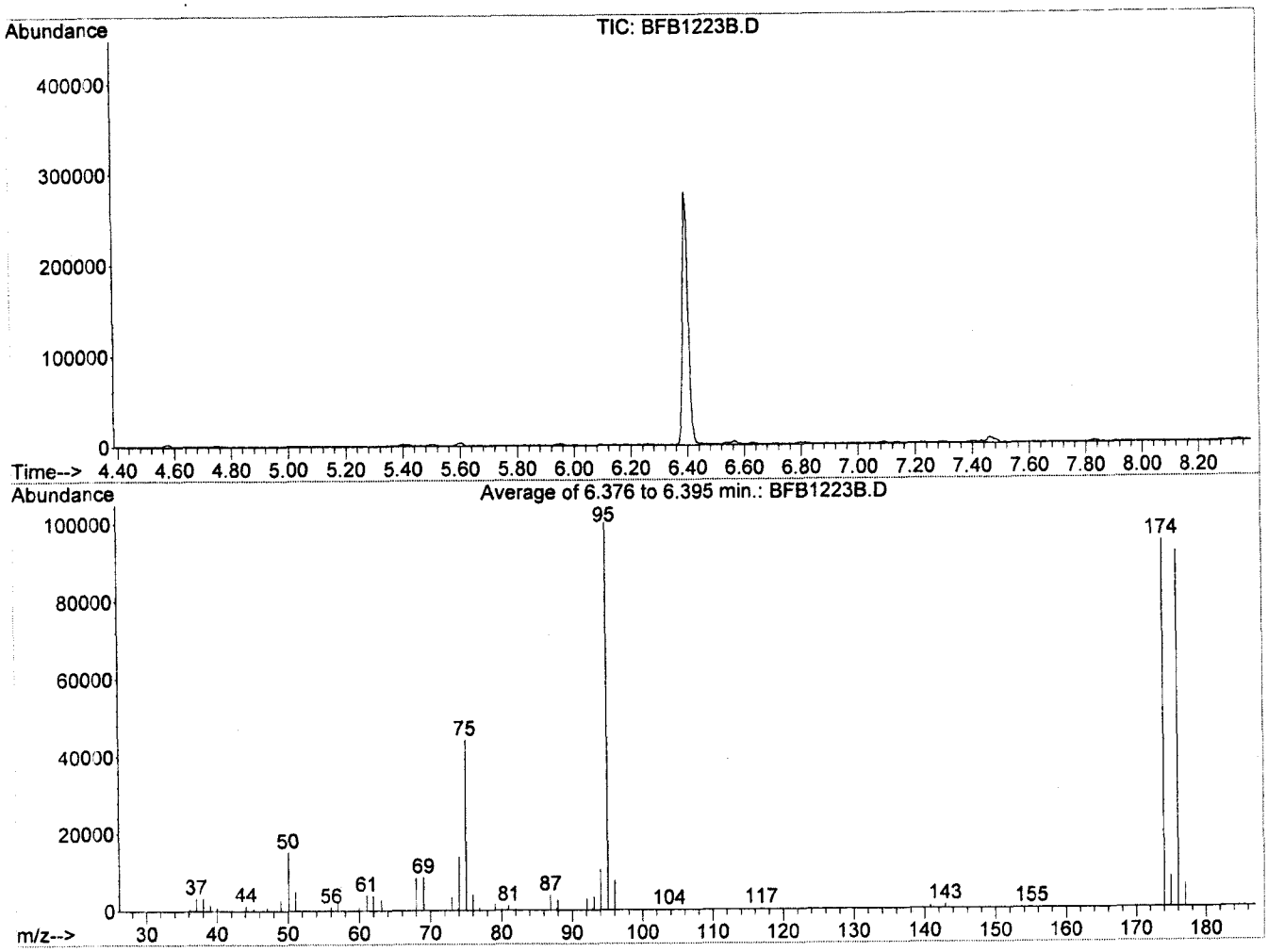
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
38) trichloroethene	5.49	130	237716	42.75	ug/L		99
39) 1,2-dichloropropane	5.71	63	156979	41.20	ug/L		99
40) dibromomethane	5.82	93	105768	42.97	ug/L		99
41) bromodichloromethane	5.98	83	246572	44.71	ug/L		100
42) methylcyclohexane	5.68	83	274178	44.76	ug/L		99
43) 2-chloroethyl vinyl ether	6.28	63	78500	40.17	ug/L		99
44) cis-1,3-dichloropropene	6.42	75	254825	44.65	ug/L		99
45) 4-methyl-2-pentanone (MIBK	6.58	43	96870	42.88	ug/L		99
47) toluene	6.74	91	823832	42.43	ug/L		99
48) trans-1,3-dichloropropene	6.96	75	241528	45.40	ug/L		98
49) 1,1,2-trichloroethane	7.14	83	121427	42.44	ug/L		99
51) tetrachloroethene	7.27	166	298845	43.27	ug/L		100
52) 1,3-dichloropropane	7.30	76	265138	43.54	ug/L		100
53) 2-hexanone (MBK)	7.39	43	64104	42.34	ug/L		98
54) dibromochloromethane	7.52	129	194224	46.00	ug/L		100
55) 1,2-dibromoethane	7.62	109	157293	44.35	ug/L		100
56) chlorobenzene	8.10	112	572563	43.76	ug/L		99
57) 1,1,1,2-tetrachloroethane	8.19	131	207774	46.18	ug/L		99
58) 1-chlorohexane	8.09	55	151372	46.90	ug/L		95
59) ethylbenzene	8.22	91	937441	44.80	ug/L		100
60) m+p-xylene	8.33	106	756501	88.98	ug/L		100
61) o-xylene	8.72	106	362254	45.25	ug/L		100
62) styrene	8.74	104	620779	44.73	ug/L		99
63) bromoform	8.91	173	132646	47.52	ug/L		99
66) isopropylbenzene	9.08	105	850075	47.53	ug/L		99
67) bromobenzene	9.37	77	314189	44.56	ug/L		99
68) 1,1,2,2-tetrachloroethane	9.38	83	176078	43.59	ug/L	#	99
69) 1,4-dichloro-2-butene	9.44	53	48966	53.22	ug/L	#	1
70) 1,2,3-trichloropropane	9.42	75	200023	44.91	ug/L		99
71) n-propylbenzene	9.49	120	246759	46.13	ug/L		99
72) 2-chlorotoluene	9.57	126	218800	45.69	ug/L		100
73) 1,3,5-trimethylbenzene	9.67	105	679617	47.19	ug/L		100
74) 4-chlorotoluene	9.68	126	223281	45.19	ug/L		99
75) tert-butylbenzene	9.99	119	602100	47.34	ug/L		99
76) 1,2,4-trimethylbenzene	10.04	105	675772	46.11	ug/L		99
77) sec-butylbenzene	10.21	105	749441	46.61	ug/L		99
78) 4-isopropyltoluene	10.36	119	667454	46.67	ug/L		100
79) 1,3-dichlorobenzene	10.31	146	428709	45.59	ug/L		99
80) 1,4-dichlorobenzene	10.40	146	437067	44.99	ug/L		99
81) 1,2-dichlorobenzene	10.77	146	404485	45.22	ug/L		99
82) n-butylbenzene	10.76	91	480805	48.09	ug/L		99
83) 1,2-dibromo-3-chloropropan	11.54	157	41240	43.67	ug/L		98
84) hexachloroethane	11.02	201	73079	47.77	ug/L		92
85) 1,2,4-trichlorobenzene	12.37	180	221263	45.22	ug/L		99
86) hexachlorobutadiene	12.55	225	118613	46.06	ug/L		97
87) naphthalene	12.61	128	511452	46.32	ug/L		100
88) 1,2,3-trichlorobenzene	12.85	180	185092	45.85	ug/L		99
89) 2-methylnaphthalene	13.76	142	170590	47.21	ug/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\MSDChem\1\DATA\12-23-10\
Data File : BFB1223B.D
Acq On : 23 Dec 2010 11:13
Operator : DLV
Sample : TUN
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
Last Update : Mon Dec 27 07:37:36 2010



Spectrum Information: Average of 6.376 to 6.395 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.2	15176	PASS
75	95	30	60	44.2	44210	PASS
95	95	100	100	100.0	100000	PASS
96	95	5	9	7.5	7519	PASS
173	174	0.00	2	0.4	347	PASS
174	95	50	100	94.8	94778	PASS
175	174	5	9	8.5	8027	PASS
176	174	95	101	97.1	92003	PASS
177	176	5	9	6.4	5896	PASS

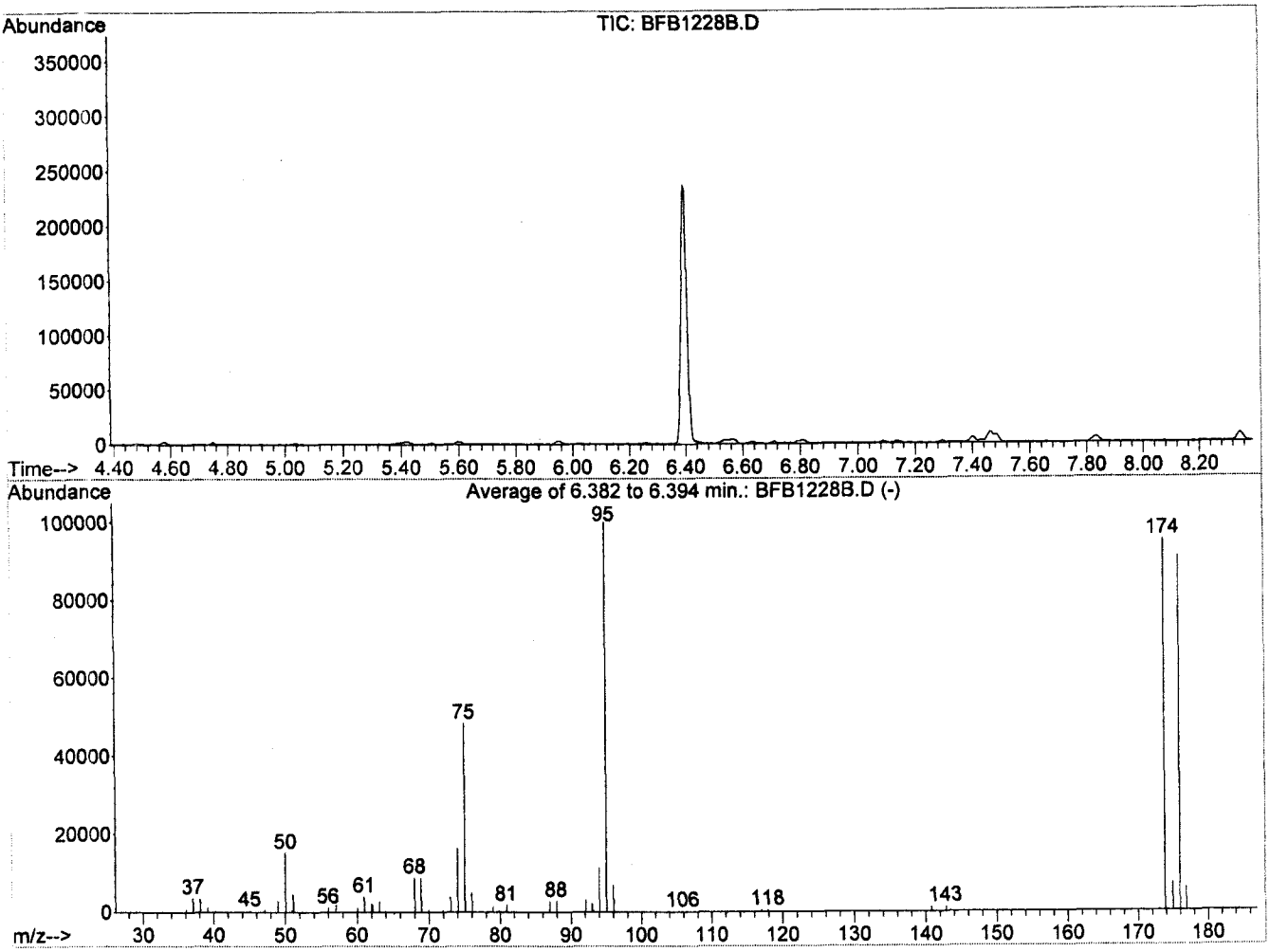
Average of 6.376 to 6.395 min.: BFB1223B.D
TUN

m/z	Abundance
36.15	519.0
37.05	3263.0
38.05	3216.0
39.00	1579.0
39.90	872.0
40.05	828.0
44.10	1293.0
45.15	599.0
47.05	862.0
49.05	2801.0
50.10	15176.0
51.05	4970.0
56.05	919.0
57.00	2242.0
59.95	859.0
61.05	3902.0
61.95	3741.0
63.10	2734.0
68.00	8344.0
69.05	8542.0
73.05	3519.0
73.90	572.0
74.05	13920.0
75.05	44210.0
76.00	4074.0
76.90	620.0
79.05	1751.0
81.00	1182.0
86.95	3845.0
87.95	2589.0
92.05	2808.0
92.90	535.0
93.10	3391.0
94.05	10401.0
95.05	100000.0
96.05	7519.0
140.80	687.0
142.90	987.0
174.00	94778.0
174.95	8027.0
176.00	92003.0
177.00	5896.0

Data Path : C:\MSDChem\1\DATA\12-28-10\
Data File : BFB1228B.D
Acq On : 28 Dec 2010 8:58
Operator : DLV
Sample : TUN
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
Last Update : Mon Dec 27 07:37:36 2010



Spectrum Information: Average of 6.382 to 6.394 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.2	15189	PASS
75	95	30	60	48.4	48358	PASS
95	95	100	100	100.0	100000	PASS
96	95	5	9	6.8	6799	PASS
173	174	0.00	2	0.4	412	PASS
174	95	50	100	95.1	95104	PASS
175	174	5	9	7.6	7214	PASS
176	174	95	101	95.5	90845	PASS
177	176	5	9	6.5	5913	PASS

1-2-11

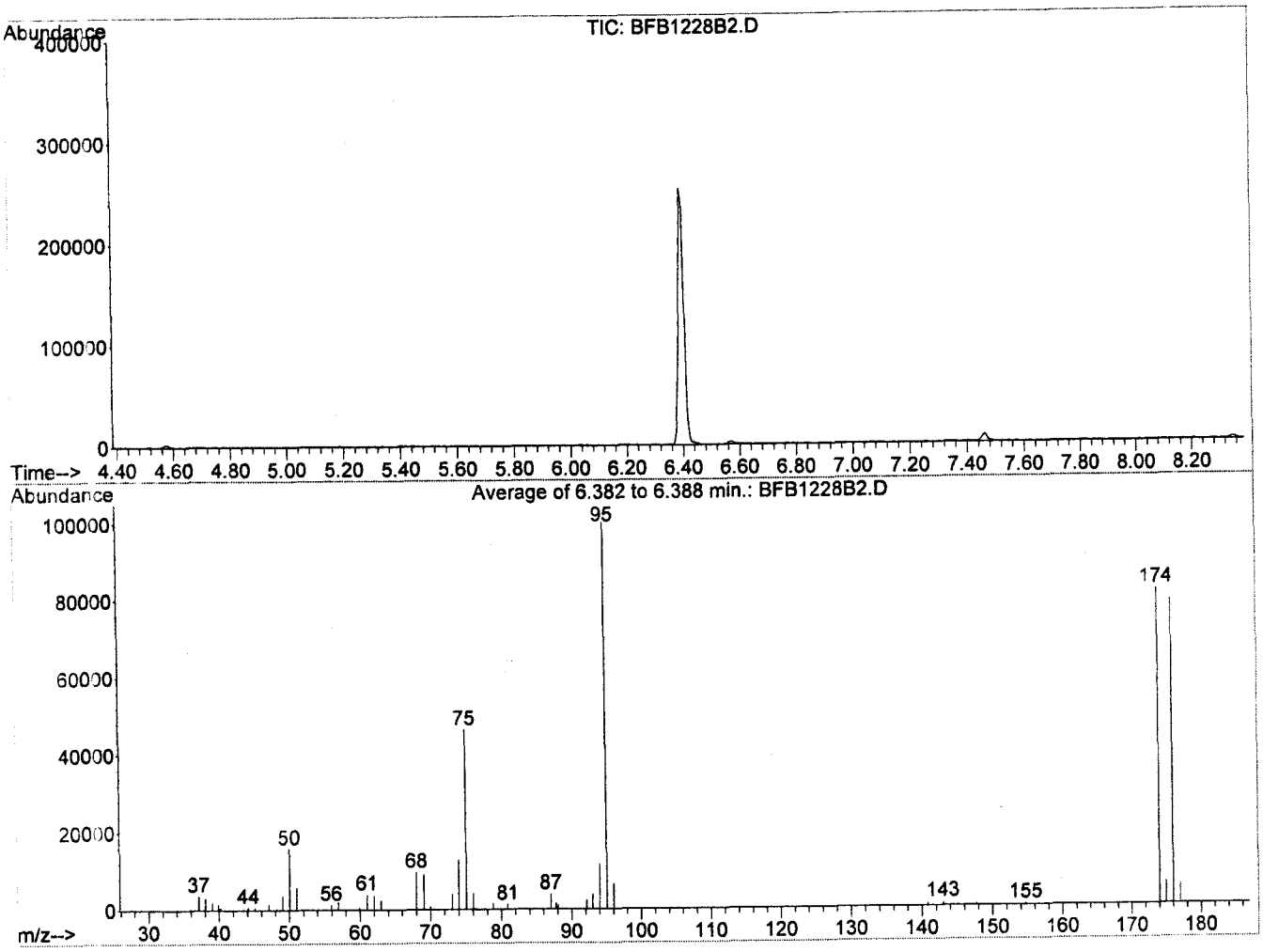
Average of 6.382 to 6.394 min.: BFB1228B.D
TUN
Modified:subtracted

m/z	Abundance
36.10	848.0
37.10	3653.0
38.10	3359.0
39.15	1164.0
45.05	502.0
47.15	743.0
49.00	2864.0
50.10	15189.0
50.90	656.0
51.15	4660.0
56.00	1177.0
57.05	1923.0
60.05	1093.0
61.05	3957.0
62.00	2195.0
62.20	1916.0
63.10	2725.0
68.05	8793.0
68.95	8647.0
69.95	641.0
71.95	588.0
73.05	3938.0
74.05	16288.0
75.05	48358.0
76.05	4932.0
79.00	1446.0
80.90	1870.0
87.00	2783.0
87.95	2888.0
92.05	3108.0
92.95	2303.0
94.05	11202.0
95.05	100000.0
96.05	6799.0
117.90	576.0
140.80	1142.0
142.85	1220.0
173.85	95104.0
174.95	7214.0
176.00	90845.0
176.90	5913.0

Data Path : C:\MSDChem\1\DATA\12-28-10\
Data File : BFB1228B2.D
Acq On : 28 Dec 2010 21:02
Operator : DLV
Sample : TUN
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
Last Update : Mon Dec 27 07:37:36 2010



Spectrum Information: Average of 6.382 to 6.388 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.9	15901	PASS
75	95	30	60	46.4	46406	PASS
95	95	100	100	100.0	100000	PASS
96	95	5	9	6.5	6477	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	81.4	81377	PASS
175	174	5	9	7.0	5731	PASS
176	174	95	101	96.7	78713	PASS
177	176	5	9	6.4	5067	PASS

1-2-11

00312

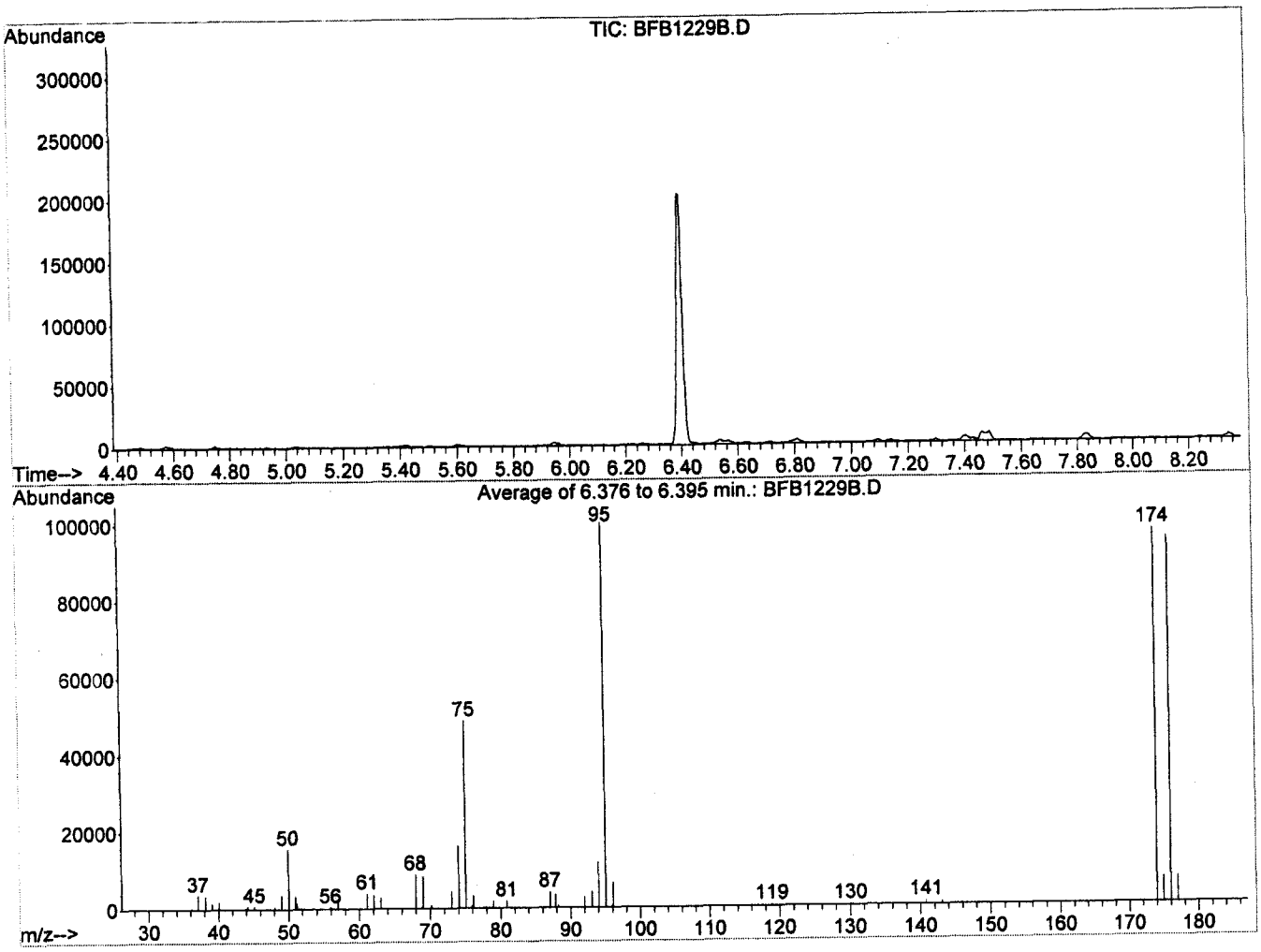
Average of 6.382 to 6.388 min.: BFB1228B2.D
TUN

m/z	Abundance
37.10	3685.0
38.05	3044.0
39.05	1942.0
39.90	1600.0
40.20	617.0
44.10	757.0
45.10	722.0
47.05	1611.0
49.10	3708.0
50.10	15901.0
51.05	5891.0
55.95	1340.0
56.95	2151.0
59.90	711.0
61.00	4023.0
62.00	3569.0
63.00	2470.0
68.00	9673.0
69.05	9121.0
70.00	761.0
73.05	4085.0
74.00	12965.0
75.05	46406.0
76.05	4135.0
78.85	1631.0
80.90	1402.0
87.05	3980.0
87.80	1565.0
88.10	1021.0
92.15	2404.0
93.00	3949.0
94.05	11684.0
95.05	100000.0
96.05	6477.0
140.80	819.0
143.00	982.0
174.00	81377.0
174.95	5731.0
176.00	78713.0
176.95	5067.0

Data Path : C:\MSDChem\1\DATA\12-29-10\
Data File : BFB1229B.D
Acq On : 29 Dec 2010 11:05
Operator : DLV
Sample : TUN
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
Last Update : Mon Dec 27 07:37:36 2010



Spectrum Information: Average of 6.376 to 6.395 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.6	15614	PASS
75	95	30	60	48.8	48780	PASS
95	95	100	100	100.0	100000	PASS
96	95	5	9	6.5	6483	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	96.9	96912	PASS
175	174	5	9	6.9	6699	PASS
176	174	95	101	97.8	94783	PASS
177	176	5	9	7.2	6805	PASS

1-2-11

Average of 6.376 to 6.395 min.: BFB1229B.D
TUN

m/z	Abundance
37.05	3736.0
38.10	3539.0
39.05	1520.0
40.05	1952.0
44.15	743.0
45.10	777.0
48.10	638.0
49.05	3659.0
50.00	15614.0
51.00	3309.0
51.20	1463.0
55.90	518.0
57.00	2283.0
61.10	4091.0
62.05	3726.0
63.00	2911.0
68.00	8876.0
68.90	504.0
69.00	8426.0
70.15	777.0
73.05	4364.0
74.05	16194.0
75.05	48780.0
75.90	700.0
76.10	3328.0
78.95	1918.0
80.85	1894.0
87.05	4177.0
87.85	3482.0
88.20	542.0
92.00	2772.0
93.05	4239.0
94.05	11912.0
95.05	100000.0
95.90	508.0
96.10	6483.0
140.80	1050.0
143.05	868.0
174.00	96912.0
174.95	6699.0
176.00	94783.0
177.00	6805.0

METHOD BLANK DATA SHEET
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1100572-BLK1 File ID: BLK1228B.D

Prepared: 12/28/10 08:00 Analyzed: 12/28/10 10:42

Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Concentration	Unit	MDL	MRL	Q
67-64-1	Acetone	5.0	ug/L	2.1	5.0	U
71-43-2	Benzene	1.0	ug/L	0.18	1.0	U
108-86-1	Bromobenzene	1.0	ug/L	0.19	1.0	U
74-97-5	Bromochloromethane	1.0	ug/L	0.18	1.0	U
75-27-4	Bromodichloromethane	1.0	ug/L	0.13	1.0	U
75-25-2	Bromoform	1.0	ug/L	0.15	1.0	U
74-83-9	Bromomethane	1.0	ug/L	0.18	1.0	U
104-51-8	n-Butylbenzene	1.0	ug/L	0.18	1.0	U
135-98-8	sec-Butylbenzene	1.0	ug/L	0.18	1.0	U
98-06-6	tert-Butylbenzene	1.0	ug/L	0.15	1.0	U
56-23-5	Carbon Tetrachloride	1.0	ug/L	0.13	1.0	U
108-90-7	Chlorobenzene	1.0	ug/L	0.19	1.0	U
75-00-3	Chloroethane	1.0	ug/L	0.15	1.0	U
67-66-3	Chloroform	1.0	ug/L	0.17	1.0	U
74-87-3	Chloromethane	1.0	ug/L	0.16	1.0	U
95-49-8	2-Chlorotoluene	1.0	ug/L	0.16	1.0	U
106-43-4	4-Chlorotoluene	1.0	ug/L	0.12	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	ug/L	0.40	1.0	U
124-48-1	Dibromochloromethane	1.0	ug/L	0.14	1.0	U
106-93-4	1,2-Dibromoethane	1.0	ug/L	0.22	1.0	U
74-95-3	Dibromomethane	1.0	ug/L	0.23	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	ug/L	0.12	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	ug/L	0.13	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	ug/L	0.12	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	ug/L	0.21	1.0	U
75-34-3	1,1-Dichloroethane	1.0	ug/L	0.13	1.0	U
107-06-2	1,2-Dichloroethane	1.0	ug/L	0.13	1.0	U
75-35-4	1,1-Dichloroethene	1.0	ug/L	0.13	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	ug/L	0.23	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	ug/L	0.20	1.0	U
78-87-5	1,2-Dichloropropane	1.0	ug/L	0.15	1.0	U
142-28-9	1,3-Dichloropropane	1.0	ug/L	0.14	1.0	U
594-20-7	2,2-Dichloropropane	1.0	ug/L	0.18	1.0	U
563-58-6	1,1-Dichloropropene	1.0	ug/L	0.25	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	ug/L	0.25	1.0	U

METHOD BLANK DATA SHEET
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1100572-BLK1 File ID: BLK1228B.D

Prepared: 12/28/10 08:00 Analyzed: 12/28/10 10:42

Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Concentration	Unit	MDL	MRL	Q
10061-02-6	trans-1,3-Dichloropropene	1.0	ug/L	0.23	1.0	U
100-41-4	Ethylbenzene	1.0	ug/L	0.14	1.0	U
87-68-3	Hexachlorobutadiene	1.0	ug/L	0.28	1.0	U
98-82-8	Isopropylbenzene	1.0	ug/L	0.15	1.0	U
99-87-6	4-Isopropyltoluene	1.0	ug/L	0.29	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1.0	ug/L	0.28	1.0	U
75-09-2	Methylene Chloride	1.0	ug/L	0.26	1.0	U
78-93-3	2-Butanone (MEK)	5.0	ug/L	0.55	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	ug/L	0.28	5.0	U
91-20-3	Naphthalene	5.0	ug/L	0.37	5.0	U
103-65-1	n-Propylbenzene	1.0	ug/L	0.15	1.0	U
100-42-5	Styrene	1.0	ug/L	0.11	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	ug/L	0.16	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	ug/L	0.070	1.0	U
127-18-4	Tetrachloroethene	1.0	ug/L	0.16	1.0	U
108-88-3	Toluene	1.0	ug/L	0.16	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	ug/L	0.18	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	ug/L	0.16	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	ug/L	0.19	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	ug/L	0.18	1.0	U
79-01-6	Trichloroethene	1.0	ug/L	0.092	1.0	U
75-69-4	Trichlorofluoromethane	1.0	ug/L	0.20	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	ug/L	0.28	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	ug/L	0.16	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	ug/L	0.18	1.0	U
75-01-4	Vinyl Chloride	1.0	ug/L	0.10	1.0	U
136777-61-2	Xylene, Meta + Para	2.0	ug/L	0.28	2.0	U
95-47-6	Xylene, Ortho	1.0	ug/L	0.14	1.0	U

System Monitoring Compound	Added (ug/L)	Conc. (ug/L)	% REC	QC Limits	Q
Dibromofluoromethane	40.0	39.3	98	88 - 116	
1,2-Dichloroethane-d4	40.0	41.2	103	87 - 123	
Toluene-d8	40.0	38.2	96	91 - 107	
4-Bromofluorobenzene	40.0	40.0	100	84 - 106	

METHOD BLANK DATA SHEET
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1100572-BLK1 File ID: BLK1228B.D

Prepared: 12/28/10 08:00 Analyzed: 12/28/10 10:42

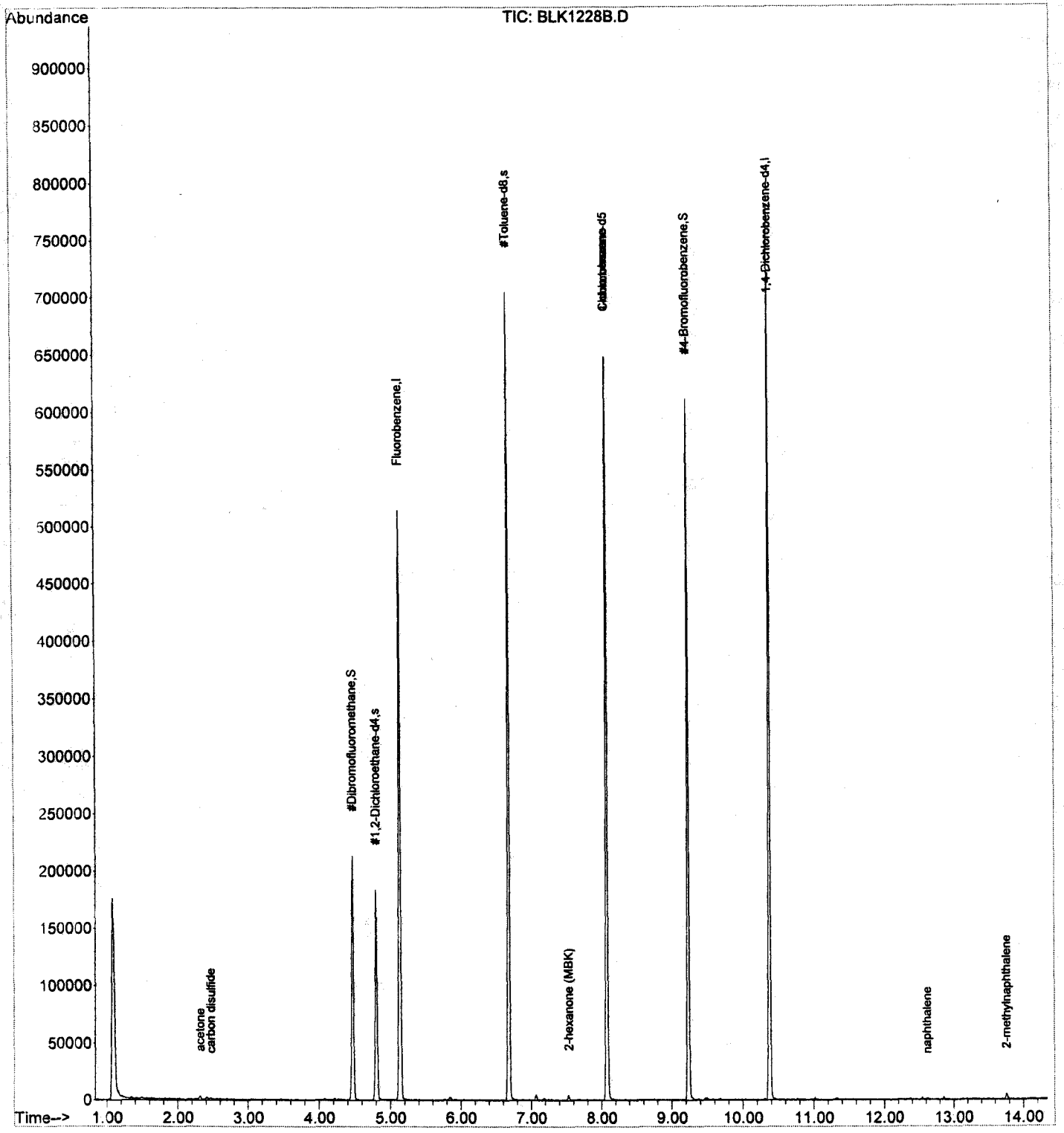
Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21012 Calibration: 0L28007 Instrument: 224

Internal Standard	Area	RT	Ref. Area	Ref. RT	Q
Fluorobenzene	443109	5.13	495489	5.13	
Chlorobenzene-d5	377732	8.08	453134	8.08	
1,4-Dichlorobenzene-d4	223416	10.38	273742	10.38	

Data Path : C:\MSDCHEM\1\DATA\12-28-10\
InstName : 224
Data File : BLK1228B.D
Acq On : 28 Dec 2010 10:42
Operator : DLV
Sample : BLK
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 28 10:57:14 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration



Quantitation Report (Not Edited)

Data Path : C:\MSDCHEM\1\DATA\12-28-10\
InstName : 224
Data File : BLK1228B.D
Acq On : 28 Dec 2010 10:42
Operator : DLV
Sample : BLK
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 28 10:57:14 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

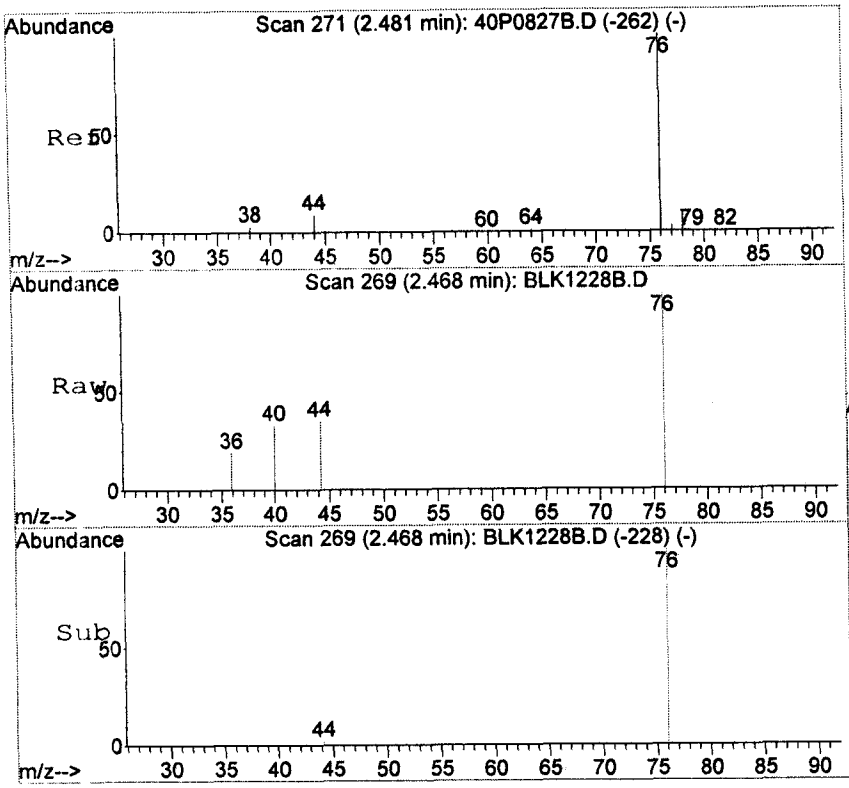
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	443109	40.00	ug/L	0.00 89.43%
50) Chlorobenzene-d5	8.08	117	377732	40.00	ug/L	0.00 83.36%
65) 1,4-Dichlorobenzene-d4	10.38	152	223416	40.00	ug/L	0.00 81.62%
System Monitoring Compounds						
30) #Dibromofluoromethane	4.47	111	114979	39.26	ug/L	0.00
Spiked Amount 40.000			Recovery =	98.15%		
37) #1,2-Dichloroethane-d4	4.80	65	119384	41.24	ug/L	0.00
Spiked Amount 40.000			Recovery =	103.10%		
46) #Toluene-d8	6.67	98	442930	38.25	ug/L	0.00
Spiked Amount 40.000			Recovery =	95.63%		
64) #4-Bromofluorobenzene	9.23	95	181166	40.00	ug/L	0.00
Spiked Amount 40.000			Recovery =	100.00%		
Target Compounds						Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.		
3) chloromethane	0.00	50	0	N.D.		
4) vinyl chloride	0.00	62	0	N.D.		
5) dichlorofluoromethane	0.00	67	0	N.D.		
6) bromomethane	0.00	94	0	N.D.		
7) chloroethane	0.00	64	0	N.D.		
8) trichlorofluoromethane	0.00	101	0	N.D.		
9) acrolein	0.00	56	0	N.D.		
10) ethyl ether	0.00	74	0	N.D.		
11) acrylonitrile	0.00	53	0	N.D.		
12) 1,1,2-trichloro-1,2,2-tr	0.00	101	0	N.D.		
13) 1,1-dichloroethene	0.00	96	0	N.D.		
14) iodomethane	0.00	142	0	N.D.		
15) acetone	2.31	43	3386	2.14	ug/L #	42
16) methyl acetate	0.00	43	0	N.D.		
17) carbon disulfide	2.47	76	1779	0.19	ug/L #	75
18) methylene chloride	0.00	49	0	N.D.		
19) trans-1,2-dichloroethene	0.00	96	0	N.D.		
20) methyl (tert) butyl ethe	0.00	73	0	N.D.		
21) 1,1-dichloroethane	0.00	63	0	N.D.		
22) vinyl acetate	0.00	43	0	N.D.		
23) 2,2-dichloropropane	0.00	77	0	N.D.		
24) cis-1,2-dichloroethene	0.00	96	0	N.D.		
25) 2-butanone (MEK)	0.00	43	0	N.D.		
26) bromochloromethane	0.00	49	0	N.D.		
27) chloroform	0.00	83	0	N.D.		
28) tetrahydrofuran	0.00	71	0	N.D.		
29) 1,1,1-trichloroethane	0.00	97	0	N.D.		
31) carbon tetrachloride	0.00	117	0	N.D.		
32) 1,1-dichloropropene	0.00	75	0	N.D.		
33) cyclohexane	0.00	56	0	N.D.		
34) benzene	0.00	78	0	N.D.		
35) 1,2-dichloroethane	0.00	62	0	N.D.		
36) heptane	5.13	57	12364	No Calib	#	

Data Path : C:\MSDCHEM\1\DATA\12-28-10\
InstName : 224
Data File : BLK1228B.D
Acq On : 28 Dec 2010 10:42
Operator : DLV
Sample : BLK
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 28 10:57:14 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
38) trichloroethene	0.00	130	0	N.D.	
39) 1,2-dichloropropane	0.00	63	0	N.D.	
40) dibromomethane	0.00	93	0	N.D.	
41) bromodichloromethane	0.00	83	0	N.D.	
42) methylcyclohexane	0.00	83	0	N.D.	
43) 2-chloroethyl vinyl ethe	0.00	63	0	N.D.	
44) cis-1,3-dichloropropene	0.00	75	0	N.D.	
45) 4-methyl-2-pentanone (MI	0.00	43	0	N.D.	
47) toluene	0.00	91	0	N.D.	
48) trans-1,3-dichloropropen	0.00	75	0	N.D.	
49) 1,1,2-trichloroethane	0.00	83	0	N.D.	
51) tetrachloroethene	0.00	166	0	N.D.	
52) 1,3-dichloropropane	0.00	76	0	N.D.	
53) 2-hexanone (MBK)	7.53	43	2998	RT ~~1.89~~ ug/L #	34
54) dibromochloromethane	0.00	129	0	N.D.	
55) 1,2-dibromoethane	0.00	109	0	N.D.	
56) chlorobenzene	0.00	112	0	N.D.	
57) 1,1,1,2-tetrachloroethan	0.00	131	0	N.D.	
58) 1-chlorohexane	8.07	55	2975	0.13 ug/L #	1
59) ethylbenzene	0.00	91	0	N.D.	
60) m+p-xylene	0.00	106	0	N.D.	
61) o-xylene	0.00	106	0	N.D.	
62) styrene	0.00	104	0	N.D.	
63) bromoform	0.00	173	0	N.D.	
66) isopropylbenzene	0.00	105	0	N.D.	
67) bromobenzene	0.00	77	0	N.D.	
68) 1,1,2,2-tetrachloroethan	0.00	83	0	N.D.	
69) 1,4-dichloro-2-butene	0.00	53	0	N.D.	
70) 1,2,3-trichloropropane	0.00	75	0	N.D.	
71) n-propylbenzene	0.00	120	0	N.D.	
72) 2-chlorotoluene	0.00	126	0	N.D.	
73) 1,3,5-trimethylbenzene	0.00	105	0	N.D.	
74) 4-chlorotoluene	0.00	126	0	N.D.	
75) tert-butylbenzene	0.00	119	0	N.D.	
76) 1,2,4-trimethylbenzene	0.00	105	0	N.D.	
77) sec-butylbenzene	0.00	105	0	N.D.	
78) 4-isopropyltoluene	0.00	119	0	N.D.	
79) 1,3-dichlorobenzene	0.00	146	0	N.D.	
80) 1,4-dichlorobenzene	0.00	146	0	N.D.	
81) 1,2-dichlorobenzene	0.00	146	0	N.D.	
82) n-butylbenzene	0.00	91	0	N.D.	
83) 1,2-dibromo-3-chloroprop	0.00	157	0	N.D.	
84) hexachloroethane	0.00	201	0	N.D.	
85) 1,2,4-trichlorobenzene	0.00	180	0	N.D.	
86) hexachlorobutadiene	0.00	225	0	N.D.	
87) naphthalene	12.61	128	1612	0.14 ug/L #	81
88) 1,2,3-trichlorobenzene	0.00	180	0	N.D.	
89) 2-methylnaphthalene	13.76	142	3583	0.95 ug/L #	79

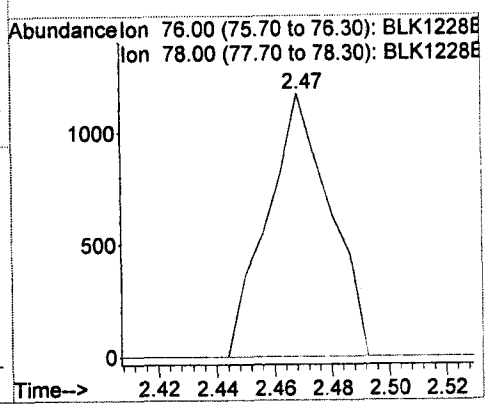
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#17
carbon disulfide
Concen: 0.19 ug/L
RT: 2.47 min Scan# 269
Delta R.T. -0.00 min
Lab File: BLK1228B.D
Acq: 28 Dec 2010 10:42

Tgt Ion: 76 Resp: 1779

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	29.1



METHOD BLANK DATA SHEET
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1100572-BLK2 File ID: BLK1228B2.D

Prepared: 12/28/10 20:00 Analyzed: 12/28/10 22:49

Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21014 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Concentration	Unit	MDL	MRL	Q
67-64-1	Acetone	5.0	ug/L	2.1	5.0	U
71-43-2	Benzene	1.0	ug/L	0.18	1.0	U
108-86-1	Bromobenzene	1.0	ug/L	0.19	1.0	U
74-97-5	Bromochloromethane	1.0	ug/L	0.18	1.0	U
75-27-4	Bromodichloromethane	1.0	ug/L	0.13	1.0	U
75-25-2	Bromoform	1.0	ug/L	0.15	1.0	U
74-83-9	Bromomethane	1.0	ug/L	0.18	1.0	U
104-51-8	n-Butylbenzene	1.0	ug/L	0.18	1.0	U
135-98-8	sec-Butylbenzene	1.0	ug/L	0.18	1.0	U
98-06-6	tert-Butylbenzene	1.0	ug/L	0.15	1.0	U
56-23-5	Carbon Tetrachloride	1.0	ug/L	0.13	1.0	U
108-90-7	Chlorobenzene	1.0	ug/L	0.19	1.0	U
75-00-3	Chloroethane	1.0	ug/L	0.15	1.0	U
67-66-3	Chloroform	1.0	ug/L	0.17	1.0	U
74-87-3	Chloromethane	1.0	ug/L	0.16	1.0	U
95-49-8	2-Chlorotoluene	1.0	ug/L	0.16	1.0	U
106-43-4	4-Chlorotoluene	1.0	ug/L	0.12	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	ug/L	0.40	1.0	U
124-48-1	Dibromochloromethane	1.0	ug/L	0.14	1.0	U
106-93-4	1,2-Dibromoethane	1.0	ug/L	0.22	1.0	U
74-95-3	Dibromomethane	1.0	ug/L	0.23	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	ug/L	0.12	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	ug/L	0.13	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	ug/L	0.12	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	ug/L	0.21	1.0	U
75-34-3	1,1-Dichloroethane	1.0	ug/L	0.13	1.0	U
107-06-2	1,2-Dichloroethane	1.0	ug/L	0.13	1.0	U
75-35-4	1,1-Dichloroethene	1.0	ug/L	0.13	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	ug/L	0.23	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	ug/L	0.20	1.0	U
78-87-5	1,2-Dichloropropane	1.0	ug/L	0.15	1.0	U
142-28-9	1,3-Dichloropropane	1.0	ug/L	0.14	1.0	U
594-20-7	2,2-Dichloropropane	1.0	ug/L	0.18	1.0	U
563-58-6	1,1-Dichloropropene	1.0	ug/L	0.25	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	ug/L	0.25	1.0	U

METHOD BLANK DATA SHEET
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1100572-BLK2 File ID: BLK1228B2.D

Prepared: 12/28/10 20:00 Analyzed: 12/28/10 22:49

Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21014 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Concentration	Unit	MDL	MRL	Q
10061-02-6	trans-1,3-Dichloropropene	1.0	ug/L	0.23	1.0	U
100-41-4	Ethylbenzene	1.0	ug/L	0.14	1.0	U
87-68-3	Hexachlorobutadiene	1.0	ug/L	0.28	1.0	U
98-82-8	Isopropylbenzene	1.0	ug/L	0.15	1.0	U
99-87-6	4-Isopropyltoluene	1.0	ug/L	0.29	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1.0	ug/L	0.28	1.0	U
75-09-2	Methylene Chloride	1.0	ug/L	0.26	1.0	U
78-93-3	2-Butanone (MEK)	5.0	ug/L	0.55	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	ug/L	0.28	5.0	U
91-20-3	Naphthalene	5.0	ug/L	0.37	5.0	U
103-65-1	n-Propylbenzene	1.0	ug/L	0.15	1.0	U
100-42-5	Styrene	1.0	ug/L	0.11	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	ug/L	0.16	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	ug/L	0.070	1.0	U
127-18-4	Tetrachloroethene	1.0	ug/L	0.16	1.0	U
108-88-3	Toluene	1.0	ug/L	0.16	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	ug/L	0.18	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	ug/L	0.16	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	ug/L	0.19	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	ug/L	0.18	1.0	U
79-01-6	Trichloroethene	1.0	ug/L	0.092	1.0	U
75-69-4	Trichlorofluoromethane	1.0	ug/L	0.20	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	ug/L	0.28	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	ug/L	0.16	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	ug/L	0.18	1.0	U
75-01-4	Vinyl Chloride	1.0	ug/L	0.10	1.0	U
136777-61-2	Xylene, Meta + Para	2.0	ug/L	0.28	2.0	U
95-47-6	Xylene, Ortho	1.0	ug/L	0.14	1.0	U

System Monitoring Compound	Added (ug/L)	Conc. (ug/L)	% REC	QC Limits	Q
Dibromofluoromethane	40.0	40.0	100	88 - 116	
1,2-Dichloroethane-d4	40.0	42.9	107	87 - 123	
Toluene-d8	40.0	38.0	95	91 - 107	
4-Bromofluorobenzene	40.0	40.4	101	84 - 106	

METHOD BLANK DATA SHEET
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1100572-BLK2 File ID: BLK1228B2.D

Prepared: 12/28/10 20:00 Analyzed: 12/28/10 22:49

Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

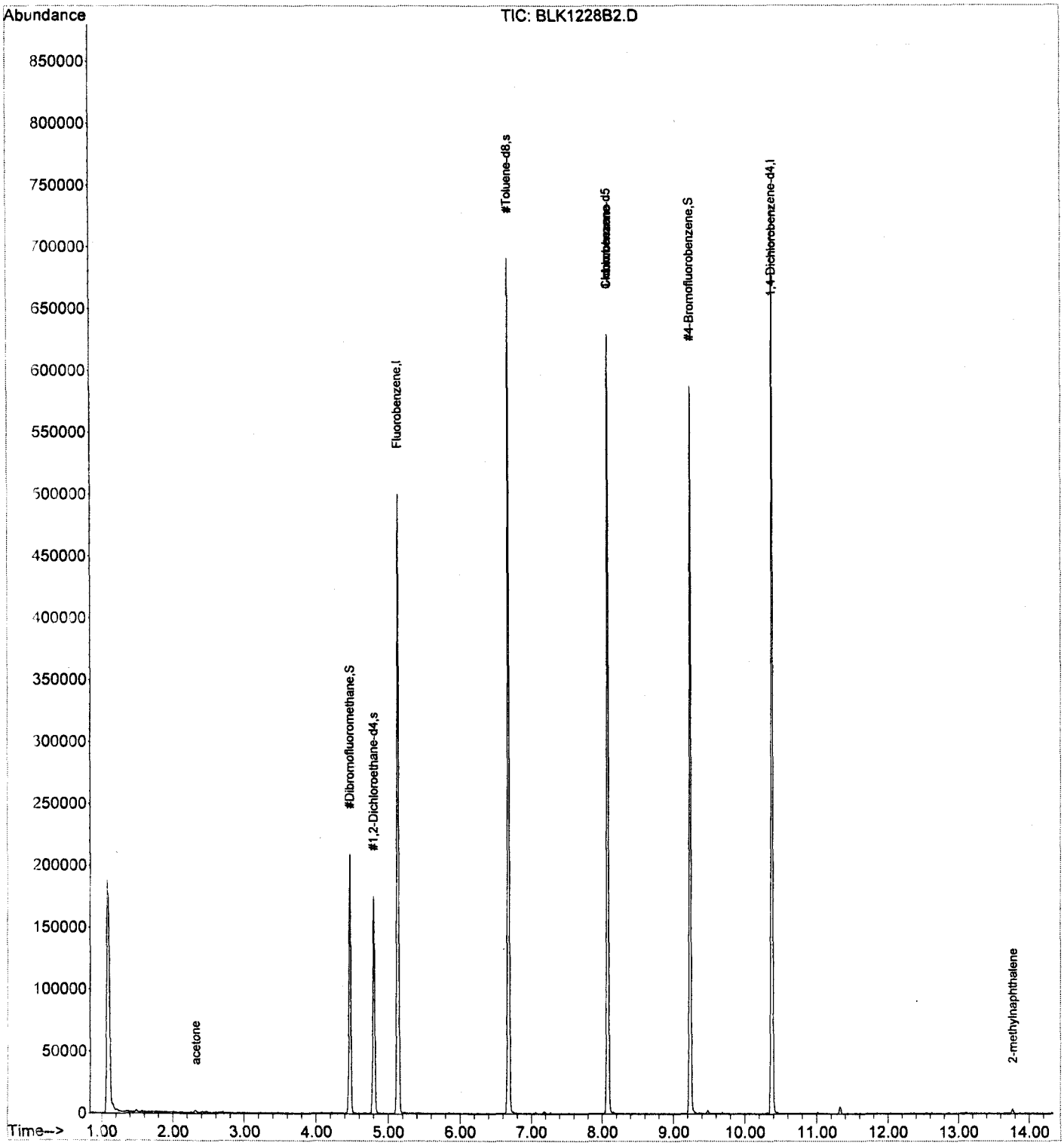
QC Batch: 1100572 Sequence: 1A21014 Calibration: 0L28007 Instrument: 224

Internal Standard	Area	RT	Ref. Area	Ref. RT	Q
Fluorobenzene	421261	5.13	495489	5.13	
Chlorobenzene-d5	360239	8.08	453134	8.08	
1,4-Dichlorobenzene-d4	211153	10.38	273742	10.38	

Quantitation Report (Not Edited)

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : BLK1228B2.D
Acq On : 28 Dec 2010 22:49
Operator : DLV
Sample : BLK
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 28 23:04:21 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration



Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : BLK1228B2.D
Acq On : 28 Dec 2010 22:49
Operator : DLV
Sample : BLK
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 28 23:04:21 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	421261	40.00 ug/L	0.00 85.02%
50) Chlorobenzene-d5	8.08	117	360239	40.00 ug/L	0.00 79.50%
65) 1,4-Dichlorobenzene-d4	10.38	152	211153	40.00 ug/L	0.00 77.14%
System Monitoring Compounds					
30) #Dibromofluoromethane	4.47	111	111385	40.01 ug/L	0.00
Spiked Amount 40.000			Recovery =	100.02%	
37) #1,2-Dichloroethane-d4	4.80	65	117973	42.87 ug/L	0.00
Spiked Amount 40.000			Recovery =	107.18%	
46) #Toluene-d8	6.67	98	418981	38.05 ug/L	0.00
Spiked Amount 40.000			Recovery =	95.13%	
64) #4-Bromofluorobenzene	9.23	95	174616	40.43 ug/L	0.00
Spiked Amount 40.000			Recovery =	101.08%	
Target Compounds					Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.	
3) chloromethane	0.00	50	0	N.D.	
4) vinyl chloride	0.00	62	0	N.D.	
5) dichlorofluoromethane	0.00	67	0	N.D.	
6) bromomethane	0.00	94	0	N.D.	
7) chloroethane	0.00	64	0	N.D.	
8) trichlorofluoromethane	0.00	101	0	N.D.	
9) acrolein	0.00	56	0	N.D.	
10) ethyl ether	0.00	74	0	N.D.	
11) acrylonitrile	0.00	53	0	N.D.	
12) 1,1,2-trichloro-1,2,2-tr	0.00	101	0	N.D.	
13) 1,1-dichloroethene	0.00	96	0	N.D.	
14) iodomethane	0.00	142	0	N.D.	
15) acetone	2.32	43	2642	1.37 ug/L #	42
16) methyl acetate	0.00	43	0	N.D.	
17) carbon disulfide	0.00	76	0	N.D.	
18) methylene chloride	0.00	49	0	N.D.	
19) trans-1,2-dichloroethene	0.00	96	0	N.D.	
20) methyl (tert) butyl ethe	0.00	73	0	N.D.	
21) 1,1-dichloroethane	0.00	63	0	N.D.	
22) vinyl acetate	0.00	43	0	N.D.	
23) 2,2-dichloropropane	0.00	77	0	N.D.	
24) cis-1,2-dichloroethene	0.00	96	0	N.D.	
25) 2-butanone (MEK)	0.00	43	0	N.D.	
26) bromochloromethane	0.00	49	0	N.D.	
27) chloroform	0.00	83	0	N.D.	
28) tetrahydrofuran	0.00	71	0	N.D.	
29) 1,1,1-trichloroethane	0.00	97	0	N.D.	
31) carbon tetrachloride	0.00	117	0	N.D.	
32) 1,1-dichloropropene	0.00	75	0	N.D.	
33) cyclohexane	0.00	56	0	N.D.	
34) benzene	0.00	78	0	N.D.	
35) 1,2-dichloroethane	0.00	62	0	N.D.	
36) heptane	5.13	57	11844	No Calib #	

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : BLK1228B2.D
Acq On : 28 Dec 2010 22:49
Operator : DLV
Sample : BLK
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 28 23:04:21 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
38) trichloroethene	0.00	130	0	N.D.	
39) 1,2-dichloropropane	0.00	63	0	N.D.	
40) dibromomethane	0.00	93	0	N.D.	
41) bromodichloromethane	0.00	83	0	N.D.	
42) methylcyclohexane	0.00	83	0	N.D.	
43) 2-chloroethyl vinyl ethe	0.00	63	0	N.D.	
44) cis-1,3-dichloropropene	0.00	75	0	N.D.	
45) 4-methyl-2-pentanone (MI	0.00	43	0	N.D.	
47) toluene	0.00	91	0	N.D.	
48) trans-1,3-dichloropropen	0.00	75	0	N.D.	
49) 1,1,2-trichloroethane	0.00	83	0	N.D.	
51) tetrachloroethene	0.00	166	0	N.D.	
52) 1,3-dichloropropane	0.00	76	0	N.D.	
53) 2-hexanone (MBK)	0.00	43	0	N.D.	
54) dibromochloromethane	0.00	129	0	N.D.	
55) 1,2-dibromoethane	0.00	109	0	N.D.	
56) chlorobenzene	0.00	112	0	N.D.	
57) 1,1,1,2-tetrachloroethan	0.00	131	0	N.D.	
58) 1-chlorohexane	8.08	55	2875	0.15 ug/L #	1
59) ethylbenzene	0.00	91	0	N.D.	
60) m+p-xylene	0.00	106	0	N.D.	
61) o-xylene	0.00	106	0	N.D.	
62) styrene	0.00	104	0	N.D.	
63) bromoform	0.00	173	0	N.D.	
66) isopropylbenzene	0.00	105	0	N.D.	
67) bromobenzene	0.00	77	0	N.D.	
68) 1,1,2,2-tetrachloroethan	0.00	83	0	N.D.	
69) 1,4-dichloro-2-butene	0.00	53	0	N.D.	
70) 1,2,3-trichloropropane	0.00	75	0	N.D.	
71) n-propylbenzene	0.00	120	0	N.D.	
72) 2-chlorotoluene	0.00	126	0	N.D.	
73) 1,3,5-trimethylbenzene	0.00	105	0	N.D.	
74) 4-chlorotoluene	0.00	126	0	N.D.	
75) tert-butylbenzene	0.00	119	0	N.D.	
76) 1,2,4-trimethylbenzene	0.00	105	0	N.D.	
77) sec-butylbenzene	0.00	105	0	N.D.	
78) 4-isopropyltoluene	0.00	119	0	N.D.	
79) 1,3-dichlorobenzene	0.00	146	0	N.D.	
80) 1,4-dichlorobenzene	0.00	146	0	N.D.	
81) 1,2-dichlorobenzene	0.00	146	0	N.D.	
82) n-butylbenzene	0.00	91	0	N.D.	
83) 1,2-dibromo-3-chloroprop	0.00	157	0	N.D.	
84) hexachloroethane	0.00	201	0	N.D.	
85) 1,2,4-trichlorobenzene	0.00	180	0	N.D.	
86) hexachlorobutadiene	0.00	225	0	N.D.	
87) naphthalene	0.00	128	0	N.D.	
88) 1,2,3-trichlorobenzene	0.00	180	0	N.D.	
89) 2-methylnaphthalene	13.76	142	2685	0.75 ug/L #	77

(#) = qualifier out of range (m) = manual integration (+) = signals summed

METHOD BLANK DATA SHEET
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1100572-BLK3 File ID: BLK1229B.D

Prepared: 12/29/10 09:00 Analyzed: 12/29/10 12:52

Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

QC Batch: 1100572 Sequence: 1A21015 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Concentration	Unit	MDL	MRL	Q
67-64-1	Acetone	5.0	ug/L	2.1	5.0	U
71-43-2	Benzene	1.0	ug/L	0.18	1.0	U
108-86-1	Bromobenzene	1.0	ug/L	0.19	1.0	U
74-97-5	Bromochloromethane	1.0	ug/L	0.18	1.0	U
75-27-4	Bromodichloromethane	1.0	ug/L	0.13	1.0	U
75-25-2	Bromoform	1.0	ug/L	0.15	1.0	U
74-83-9	Bromomethane	1.0	ug/L	0.18	1.0	U
104-51-8	n-Butylbenzene	1.0	ug/L	0.18	1.0	U
135-98-8	sec-Butylbenzene	1.0	ug/L	0.18	1.0	U
98-06-6	tert-Butylbenzene	1.0	ug/L	0.15	1.0	U
56-23-5	Carbon Tetrachloride	1.0	ug/L	0.13	1.0	U
108-90-7	Chlorobenzene	1.0	ug/L	0.19	1.0	U
75-00-3	Chloroethane	1.0	ug/L	0.15	1.0	U
67-66-3	Chloroform	1.0	ug/L	0.17	1.0	U
74-87-3	Chloromethane	1.0	ug/L	0.16	1.0	U
95-49-8	2-Chlorotoluene	1.0	ug/L	0.16	1.0	U
106-43-4	4-Chlorotoluene	1.0	ug/L	0.12	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	ug/L	0.40	1.0	U
124-48-1	Dibromochloromethane	1.0	ug/L	0.14	1.0	U
106-93-4	1,2-Dibromoethane	1.0	ug/L	0.22	1.0	U
74-95-3	Dibromomethane	1.0	ug/L	0.23	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	ug/L	0.12	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	ug/L	0.13	1.0	U
106-46-7	1,4-Dichlorobenzene	0.19	ug/L	0.12	1.0	J
75-71-8	Dichlorodifluoromethane	1.0	ug/L	0.21	1.0	U
75-34-3	1,1-Dichloroethane	1.0	ug/L	0.13	1.0	U
107-06-2	1,2-Dichloroethane	1.0	ug/L	0.13	1.0	U
75-35-4	1,1-Dichloroethene	1.0	ug/L	0.13	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	ug/L	0.23	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	ug/L	0.20	1.0	U
78-87-5	1,2-Dichloropropane	1.0	ug/L	0.15	1.0	U
142-28-9	1,3-Dichloropropane	1.0	ug/L	0.14	1.0	U
594-20-7	2,2-Dichloropropane	1.0	ug/L	0.18	1.0	U
563-58-6	1,1-Dichloropropene	1.0	ug/L	0.25	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	ug/L	0.25	1.0	U

METHOD BLANK DATA SHEET
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc. SDG: 1012332

Client: MWH Americas - Farmington Hills, MI Project: GE - Patillas, Puerto Rico

Matrix: Water Laboratory ID: 1100572-BLK3 File ID: BLK1229B.D

Prepared: 12/29/10 09:00 Analyzed: 12/29/10 12:52

Preparation: 5030B Aqueous Purge & Initial/Final: 5 mL / 5 mL

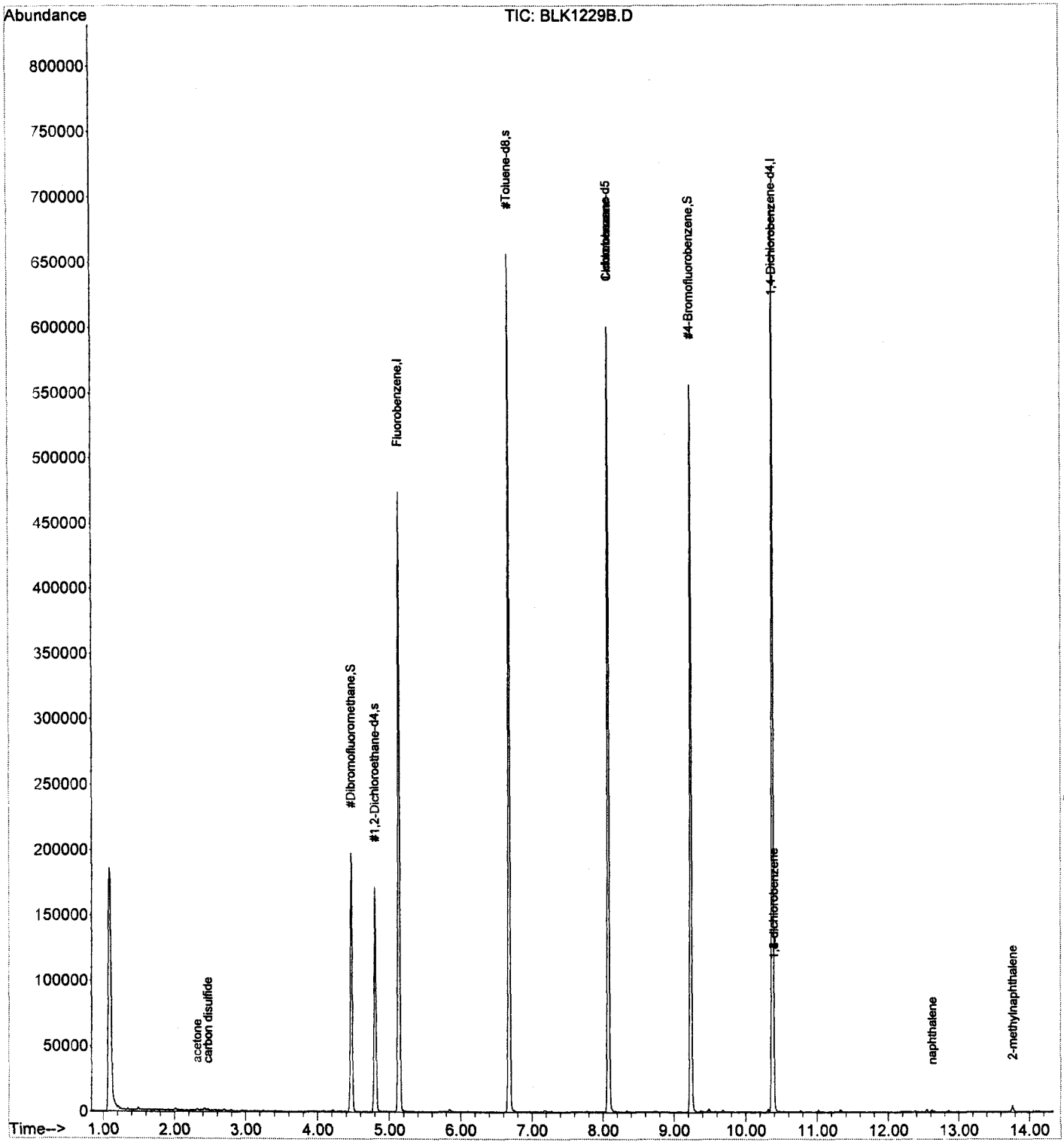
QC Batch: 1100572 Sequence: 1A21015 Calibration: 0L28007 Instrument: 224

CAS No.	Analyte	Concentration	Unit	MDL	MRL	Q
10061-02-6	trans-1,3-Dichloropropene	1.0	ug/L	0.23	1.0	U
100-41-4	Ethylbenzene	1.0	ug/L	0.14	1.0	U
87-68-3	Hexachlorobutadiene	1.0	ug/L	0.28	1.0	U
98-82-8	Isopropylbenzene	1.0	ug/L	0.15	1.0	U
99-87-6	4-Isopropyltoluene	1.0	ug/L	0.29	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1.0	ug/L	0.28	1.0	U
75-09-2	Methylene Chloride	1.0	ug/L	0.26	1.0	U
78-93-3	2-Butanone (MEK)	5.0	ug/L	0.55	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	ug/L	0.28	5.0	U
91-20-3	Naphthalene	5.0	ug/L	0.37	5.0	U
103-65-1	n-Propylbenzene	1.0	ug/L	0.15	1.0	U
100-42-5	Styrene	1.0	ug/L	0.11	1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	ug/L	0.16	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	ug/L	0.070	1.0	U
127-18-4	Tetrachloroethene	1.0	ug/L	0.16	1.0	U
108-88-3	Toluene	1.0	ug/L	0.16	1.0	U
87-61-6	1,2,3-Trichlorobenzene	1.0	ug/L	0.18	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	ug/L	0.16	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	ug/L	0.19	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	ug/L	0.18	1.0	U
79-01-6	Trichloroethene	1.0	ug/L	0.092	1.0	U
75-69-4	Trichlorofluoromethane	1.0	ug/L	0.20	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	ug/L	0.28	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	ug/L	0.16	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	ug/L	0.18	1.0	U
75-01-4	Vinyl Chloride	1.0	ug/L	0.10	1.0	U
136777-61-2	Xylene, Meta + Para	2.0	ug/L	0.28	2.0	U
95-47-6	Xylene, Ortho	1.0	ug/L	0.14	1.0	U

System Monitoring Compound	Added (ug/L)	Conc. (ug/L)	% REC	QC Limits	Q
Dibromofluoromethane	40.0	39.6	99	88 - 116	
1,2-Dichloroethane-d4	40.0	42.6	106	87 - 123	
Toluene-d8	40.0	37.8	95	91 - 107	
4-Bromofluorobenzene	40.0	39.4	98	84 - 106	

Data Path : C:\MSDChem\1\DATA\12-29-10\
InstName : 224
Data File : BLK1229B.D
Acq On : 29 Dec 2010 12:52
Operator : DLV
Sample : BLK
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 29 13:07:23 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration



Quantitation Report (Not Edited)

Data Path : C:\MSDChem\1\DATA\12-29-10\
InstName : 224
Data File : BLK1229B.D
Acq On : 29 Dec 2010 12:52
Operator : DLV
Sample : BLK
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 29 13:07:23 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

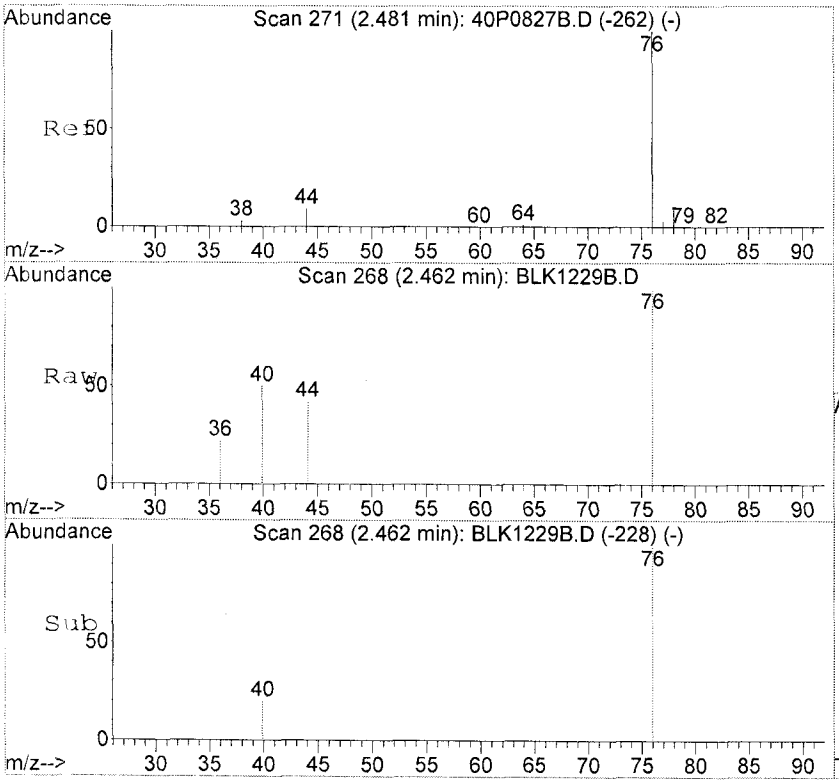
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	403054	40.00	ug/L	0.00 81.34%
50) Chlorobenzene-d5	8.08	117	347774	40.00	ug/L	0.00 76.75%
65) 1,4-Dichlorobenzene-d4	10.38	152	207895	40.00	ug/L	0.00 75.95%
System Monitoring Compounds						
30) #Dibromofluoromethane	4.47	111	105448	39.59	ug/L	0.00
Spiked Amount 40.000			Recovery =	98.98%		
37) #1,2-Dichloroethane-d4	4.80	65	112075	42.57	ug/L	0.00
Spiked Amount 40.000			Recovery =	106.43%		
46) #Toluene-d8	6.67	98	398670	37.85	ug/L	0.00
Spiked Amount 40.000			Recovery =	94.63%		
64) #4-Bromofluorobenzene	9.23	95	164314	39.40	ug/L	0.00
Spiked Amount 40.000			Recovery =	98.50%		
Target Compounds						Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.		
3) chloromethane	0.00	50	0	N.D.		
4) vinyl chloride	0.00	62	0	N.D.		
5) dichlorofluoromethane	0.00	67	0	N.D.		
6) bromomethane	0.00	94	0	N.D.		
7) chloroethane	0.00	64	0	N.D.		
8) trichlorofluoromethane	0.00	101	0	N.D.		
9) acrolein	0.00	56	0	N.D.		
10) ethyl ether	0.00	74	0	N.D.		
11) acrylonitrile	0.00	53	0	N.D.		
12) 1,1,2-trichloro-1,2,2-tr	0.00	101	0	N.D.		
13) 1,1-dichloroethene	0.00	96	0	N.D.		
14) iodomethane	0.00	142	0	N.D.		
15) acetone	2.32	43	1939	0.54	ug/L #	42
16) methyl acetate	0.00	43	0	N.D.		
17) carbon disulfide	2.46	76	1690	0.20	ug/L #	75
18) methylene chloride	0.00	49	0	N.D.		
19) trans-1,2-dichloroethene	0.00	96	0	N.D.		
20) methyl (tert) butyl ethe	0.00	73	0	N.D.		
21) 1,1-dichloroethane	0.00	63	0	N.D.		
22) vinyl acetate	0.00	43	0	N.D.		
23) 2,2-dichloropropane	0.00	77	0	N.D.		
24) cis-1,2-dichloroethene	0.00	96	0	N.D.		
25) 2-butanone (MEK)	0.00	43	0	N.D.		
26) bromochloromethane	0.00	49	0	N.D.		
27) chloroform	0.00	83	0	N.D.		
28) tetrahydrofuran	0.00	71	0	N.D.		
29) 1,1,1-trichloroethane	0.00	97	0	N.D.		
31) carbon tetrachloride	0.00	117	0	N.D.		
32) 1,1-dichloropropene	0.00	75	0	N.D.		
33) cyclohexane	0.00	56	0	N.D.		
34) benzene	0.00	78	0	N.D.		
35) 1,2-dichloroethane	0.00	62	0	N.D.		
36) heptane	5.13	57	10647	No Calib	#	

Data Path : C:\MSDChem\1\DATA\12-29-10\
InstName : 224
Data File : BLK1229B.D
Acq On : 29 Dec 2010 12:52
Operator : DLV
Sample : BLK
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 29 13:07:23 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
38) trichloroethene	0.00	130	0	N.D.	
39) 1,2-dichloropropane	0.00	63	0	N.D.	
40) dibromomethane	0.00	93	0	N.D.	
41) bromodichloromethane	0.00	83	0	N.D.	
42) methylcyclohexane	0.00	83	0	N.D.	
43) 2-chloroethyl vinyl ethe	0.00	63	0	N.D.	
44) cis-1,3-dichloropropene	0.00	75	0	N.D.	
45) 4-methyl-2-pentanone (MI	0.00	43	0	N.D.	
47) toluene	0.00	91	0	N.D.	
48) trans-1,3-dichloropropen	0.00	75	0	N.D.	
49) 1,1,2-trichloroethane	0.00	83	0	N.D.	
51) tetrachloroethene	0.00	166	0	N.D.	
52) 1,3-dichloropropane	0.00	76	0	N.D.	
53) 2-hexanone (MBK)	0.00	43	0	N.D.	
54) dibromochloromethane	0.00	129	0	N.D.	
55) 1,2-dibromoethane	0.00	109	0	N.D.	
56) chlorobenzene	0.00	112	0	N.D.	
57) 1,1,1,2-tetrachloroethan	0.00	131	0	N.D.	
58) 1-chlorohexane	8.08	55	2662	0.11 ug/L #	1
59) ethylbenzene	0.00	91	0	N.D.	
60) m+p-xylene	0.00	106	0	N.D.	
61) o-xylene	0.00	106	0	N.D.	
62) styrene	0.00	104	0	N.D.	
63) bromoform	0.00	173	0	N.D.	
66) isopropylbenzene	0.00	105	0	N.D.	
67) bromobenzene	0.00	77	0	N.D.	
68) 1,1,2,2-tetrachloroethan	0.00	83	0	N.D.	
69) 1,4-dichloro-2-butene	0.00	53	0	N.D.	
70) 1,2,3-trichloropropane	0.00	75	0	N.D.	
71) n-propylbenzene	0.00	120	0	N.D.	
72) 2-chlorotoluene	0.00	126	0	N.D.	
73) 1,3,5-trimethylbenzene	0.00	105	0	N.D.	
74) 4-chlorotoluene	0.00	126	0	N.D.	
75) tert-butylbenzene	0.00	119	0	N.D.	
76) 1,2,4-trimethylbenzene	0.00	105	0	N.D.	
77) sec-butylbenzene	0.00	105	0	N.D.	
78) 4-isopropyltoluene	0.00	119	0	N.D.	
79) 1,3-dichlorobenzene	10.40	146	1842	~~RT 0.20~~ ug/L #	26
80) 1,4-dichlorobenzene	10.40	146	1842	0.19 ug/L #	26
81) 1,2-dichlorobenzene	0.00	146	0	N.D.	
82) n-butylbenzene	0.00	91	0	N.D.	
83) 1,2-dibromo-3-chloroprop	0.00	157	0	N.D.	
84) hexachloroethane	0.00	201	0	N.D.	
85) 1,2,4-trichlorobenzene	0.00	180	0	N.D.	
86) hexachlorobutadiene	0.00	225	0	N.D.	
87) naphthalene	12.62	128	2162	0.20 ug/L #	81
88) 1,2,3-trichlorobenzene	0.00	180	0	N.D.	
89) 2-methylnaphthalene	13.76	142	3552	1.01 ug/L #	84

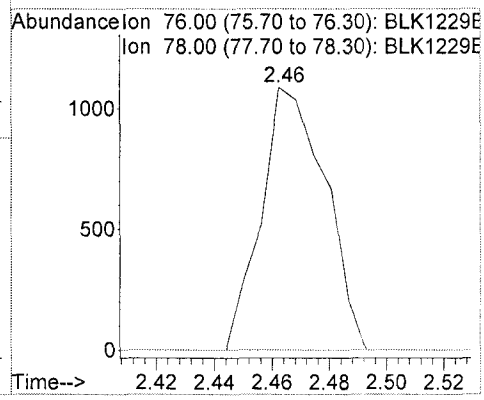
(#) = qualifier out of range (m) = manual integration (+) = signals summed

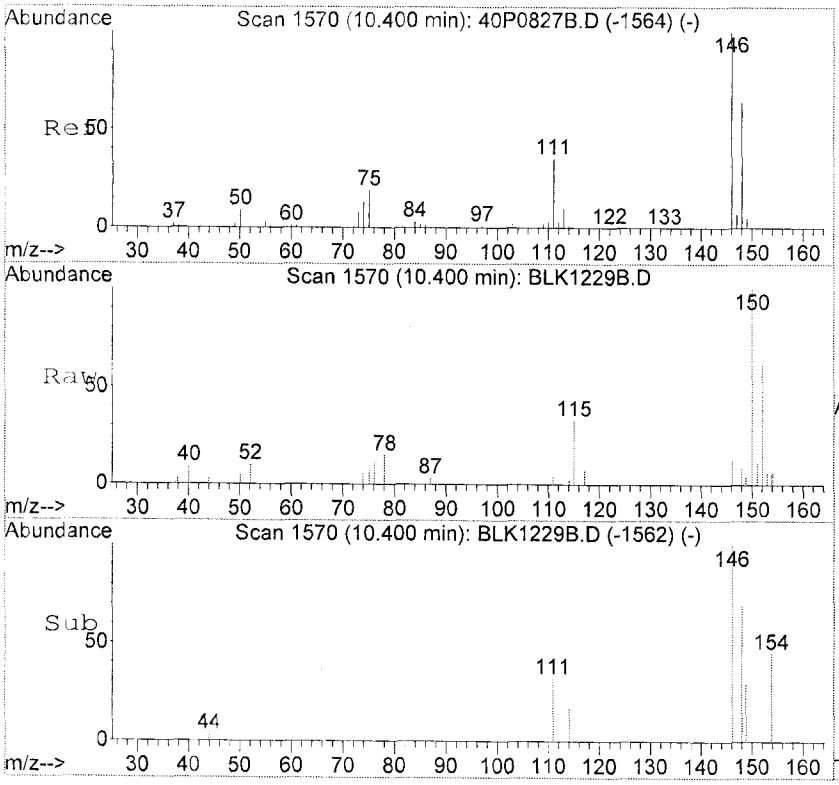


#17
carbon disulfide
Concen: 0.20 ug/L
RT: 2.46 min Scan# 268
Delta R.T. -0.01 min
Lab File: BLK1229B.D
Acq: 29 Dec 2010 12:52

Tgt Ion: 76 Resp: 1690

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	29.1

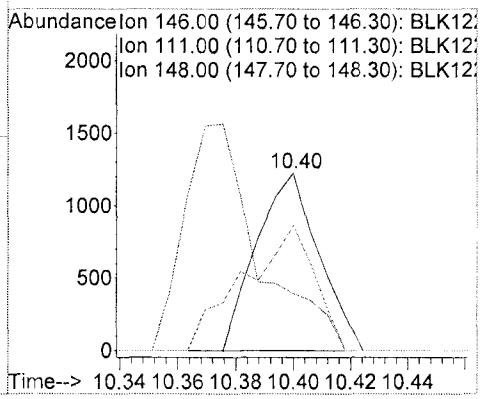




#80
1,4-dichlorobenzene
Concen: 0.19 ug/L
RT: 10.40 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BLK1229B.D
Acq: 29 Dec 2010 12:52

Tgt Ion:146 Resp: 1842

Ion	Ratio	Lower	Upper
146	100		
111	0.0	13.9	53.9#
148	0.0	43.8	83.8#



MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

USEPA-8260B

P-18D

Laboratory: TriMatrix Laboratories, Inc.

Client: MWH Americas - Farmington Hills, MI

Matrix: Water

QC Batch: 1100572

SDG: 1012332

Project: GE - Patillas, Puerto Rico

Laboratory ID: 1100572-MS1

Preparation: 5030B Aqueous Purge & Trap

Initial/Final: 5 mL / 5 mL

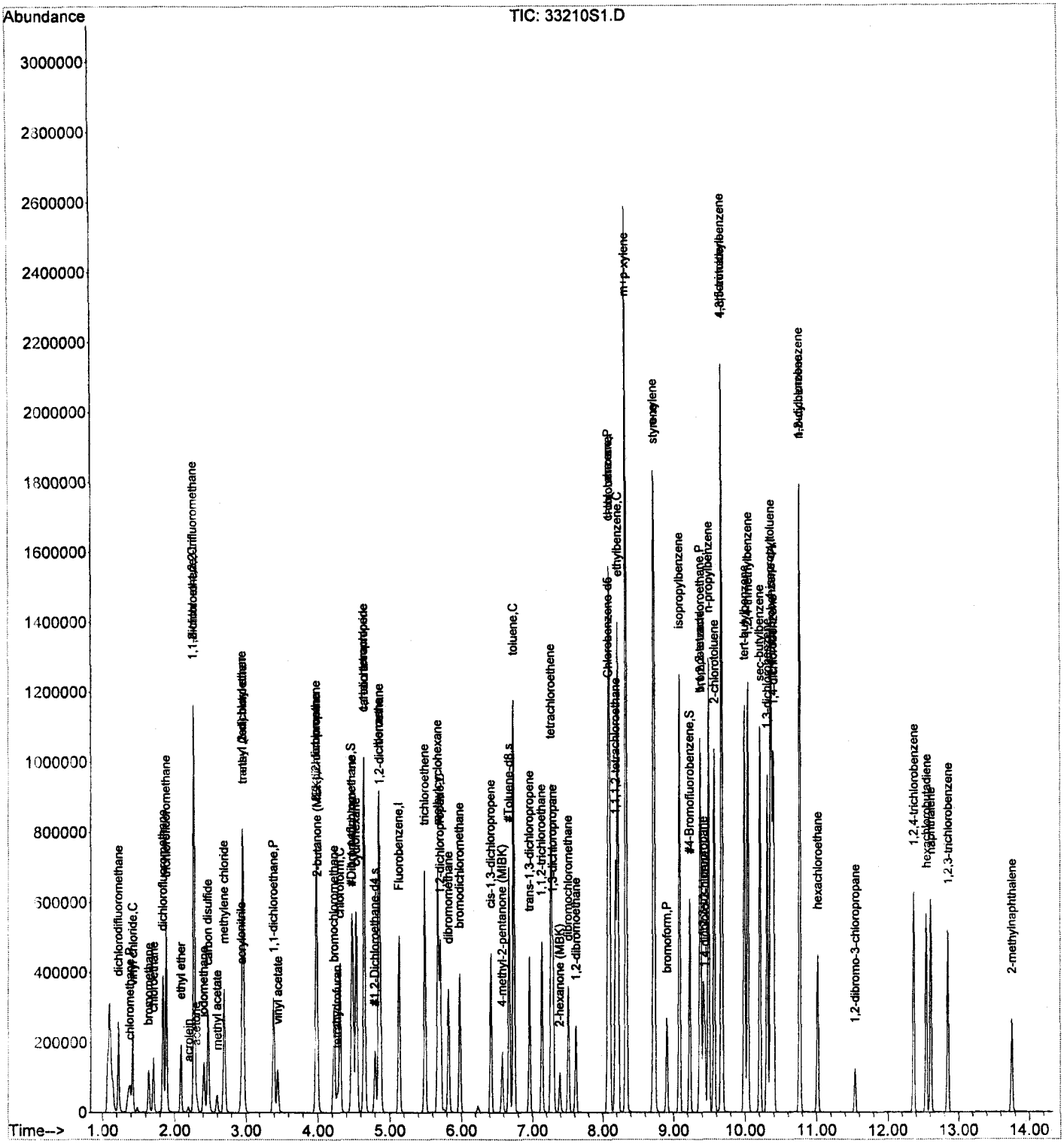
Analyte	Spike Added	Sample Conc.	MS Conc.	MS % Rec. #	QC Limits Rec.	Units
Benzene	40.0	ND	39.9	100	80 - 129	ug/L
Chlorobenzene	40.0	ND	41.5	104	80 - 121	ug/L
1,1-Dichloroethene	40.0	19.1	59.0	100	74 - 134	ug/L
Toluene	40.0	ND	40.5	101	79 - 129	ug/L
Trichloroethene	40.0	ND	40.5	101	75 - 127	ug/L

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

* Values outside of QC limits

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33210S1.D
Acq On : 29 Dec 2010 4:19
Operator : DLV
Sample : MS1
Misc : MWH
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 29 04:33:46 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration



Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33210S1.D
Acq On : 29 Dec 2010 4:19
Operator : DLV
Sample : MS1
Misc : MWH
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 29 04:33:46 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	421350	40.00	ug/L		0.00 85.04%
50) Chlorobenzene-d5	8.08	117	363173	40.00	ug/L		0.00 80.15%
65) 1,4-Dichlorobenzene-d4	10.38	152	219438	40.00	ug/L		0.00 80.16%
System Monitoring Compounds							
30) #Dibromofluoromethane	4.47	111	111031	39.87	ug/L		0.00
Spiked Amount 40.000			Recovery = 99.67%				
37) #1,2-Dichloroethane-d4	4.80	65	114269	41.52	ug/L		0.00
Spiked Amount 40.000			Recovery = 103.80%				
46) #Toluene-d8	6.67	98	428552	38.92	ug/L		0.00
Spiked Amount 40.000			Recovery = 97.30%				
64) #4-Bromofluorobenzene	9.23	95	178768	41.05	ug/L		0.00
Spiked Amount 40.000			Recovery = 102.62%				
Target Compounds							Qvalue
2) dichlorodifluoromethane	1.22	85	187075	38.22	ug/L		99
3) chloromethane	1.38	50	158589	39.96	ug/L		98
4) vinyl chloride	1.42	62	167139	42.90	ug/L		100
5) dichlorofluoromethane	1.84	67	294803	45.06	ug/L		100
6) bromomethane	1.64	94	68515	37.37	ug/L		100
7) chloroethane	1.71	64	104841	42.17	ug/L		98
8) trichlorofluoromethane	1.88	101	327238	46.09	ug/L		100
9) acrolein	2.19	56	12182	41.46	ug/L	#	93
10) ethyl ether	2.09	74	71021	41.62	ug/L		98
11) acrylonitrile	2.93	53	49304	42.70	ug/L		99
12) 1,1,2-trichloro-1,2,2-trif	2.27	101	157270	48.45	ug/L		99
13) 1,1-dichloroethene	2.27	96	228823	58.96	ug/L		95
14) iodomethane	2.41	142	163741	36.60	ug/L		99
15) acetone	2.31	43	36512	46.83	ug/L		92
16) methyl acetate	2.60	43	54375	29.46	ug/L		99
17) carbon disulfide	2.47	76	380367	43.36	ug/L		99
18) methylene chloride	2.69	49	174384	39.71	ug/L		99
19) trans-1,2-dichloroethene	2.96	96	179653	40.75	ug/L		99
20) methyl (tert) butyl ether	2.96	73	402723	40.98	ug/L		99
21) 1,1-dichloroethane	3.39	63	294471	42.06	ug/L		100
22) vinyl acetate	3.45	43	166401	31.13	ug/L		100
23) 2,2-dichloropropane	3.98	77	209060	36.27	ug/L		99
24) cis-1,2-dichloroethene	3.98	96	198810	40.52	ug/L		98
25) 2-butanone (MEK)	4.00	43	47528	37.84	ug/L		97
26) bromochloromethane	4.22	49	108097	38.48	ug/L		100
27) chloroform	4.31	83	325096	41.49	ug/L		98
28) tetrahydrofuran	4.27	71	13956	38.46	ug/L		96
29) 1,1,1-trichloroethane	4.49	97	306952	43.30	ug/L		98
31) carbon tetrachloride	4.65	117	277270	46.23	ug/L		99
32) 1,1-dichloropropene	4.65	75	257599	42.14	ug/L		98
33) cyclohexane	4.53	56	248125	43.93	ug/L		98
34) benzene	4.85	78	705555	39.92	ug/L		99
35) 1,2-dichloroethane	4.87	62	233430	40.87	ug/L		98
36) heptane	5.13	57	11246	No Calib		#	

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33210S1.D
Acq On : 29 Dec 2010 4:19
Operator : DLV
Sample : MS1
Misc : MWH
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 29 04:33:46 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
38) trichloroethene	5.49	130	231647	40.47	ug/L		99
39) 1,2-dichloropropane	5.71	63	153680	39.19	ug/L		100
40) dibromomethane	5.82	93	97375	38.43	ug/L		97
41) bromodichloromethane	5.98	83	239170	42.13	ug/L		99
42) methylcyclohexane	5.67	83	274637	43.56	ug/L		98
43) 2-chloroethyl vinyl ethe	0.00	63	0	N.D.			
44) cis-1,3-dichloropropene	6.42	75	230233	39.19	ug/L		98
45) 4-methyl-2-pentanone (MIBK	6.58	43	94015	40.43	ug/L		99
47) toluene	6.74	91	808891	40.48	ug/L		98
48) trans-1,3-dichloropropene	6.96	75	218265	39.86	ug/L		98
49) 1,1,2-trichloroethane	7.14	83	110681	37.58	ug/L		99
51) tetrachloroethene	7.27	166	283999	40.83	ug/L		99
52) 1,3-dichloropropane	7.30	76	254929	41.56	ug/L		99
53) 2-hexanone (MBK)	7.39	43	64411	42.24	ug/L		95
54) dibromochloromethane	7.51	129	187714	44.14	ug/L		99
55) 1,2-dibromoethane	7.62	109	145028	40.60	ug/L		100
56) chlorobenzene	8.10	112	547212	41.52	ug/L		99
57) 1,1,1,2-tetrachloroethane	8.19	131	198822	43.87	ug/L		100
58) 1-chlorohexane	8.09	55	149594	46.01	ug/L		96
59) ethylbenzene	8.22	91	913197	43.33	ug/L		100
60) m+p-xylene	8.33	106	738547	86.24	ug/L		99
61) o-xylene	8.72	106	346393	42.96	ug/L		99
62) styrene	8.74	104	584601	41.82	ug/L		100
63) bromoform	8.91	173	122872	43.71	ug/L		99
66) isopropylbenzene	9.08	105	816688	44.43	ug/L		100
67) bromobenzene	9.37	77	299495	41.33	ug/L		99
68) 1,1,2,2-tetrachloroethane	9.38	83	171249	41.25	ug/L	#	99
69) 1,4-dichloro-2-butene	9.44	53	41700	44.10	ug/L	#	1
70) 1,2,3-trichloropropane	9.42	75	181752	39.70	ug/L		99
71) n-propylbenzene	9.49	120	238881	43.45	ug/L		98
72) 2-chlorotoluene	9.57	126	209620	42.59	ug/L		99
73) 1,3,5-trimethylbenzene	9.67	105	657752	44.44	ug/L		100
74) 4-chlorotoluene	9.68	126	214248	42.19	ug/L		99
75) tert-butylbenzene	9.99	119	586711	44.88	ug/L		99
76) 1,2,4-trimethylbenzene	10.04	105	661559	43.92	ug/L		100
77) sec-butylbenzene	10.20	105	743571	45.00	ug/L		100
78) 4-isopropyltoluene	10.36	119	658070	44.78	ug/L		99
79) 1,3-dichlorobenzene	10.31	146	412822	42.71	ug/L		99
80) 1,4-dichlorobenzene	10.39	146	419320	42.00	ug/L		99
81) 1,2-dichlorobenzene	10.77	146	387567	42.16	ug/L		99
82) n-butylbenzene	10.77	91	460940	44.86	ug/L		100
83) 1,2-dibromo-3-chloropropan	11.54	157	39672	40.87	ug/L		99
84) hexachloroethane	11.02	201	71910	45.97	ug/L		92
85) 1,2,4-trichlorobenzene	12.37	180	217319	43.21	ug/L		100
86) hexachlorobutadiene	12.55	225	118798	44.88	ug/L		99
87) naphthalene	12.61	128	486332	42.85	ug/L		100
88) 1,2,3-trichlorobenzene	12.85	180	176843	42.63	ug/L		100
89) 2-methylnaphthalene	13.76	142	145204	39.10	ug/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

P-18D

USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.

Client: MWH Americas - Farmington Hills, MI

Matrix: Water

QC Batch: 1100572

SDG: 1012332

Project: GE - Patillas, Puerto Rico

Laboratory ID: 1100572-MSD1

Preparation: 5030B Aqueous Purge & Trap

Initial/Final: 5 mL / 5 mL

Analyte	Spike Added	MSD Conc.	MSD % Rec. #	% RPD #	QC Limits RPD	QC Limits Rec.	Units
Benzene	40.0	41.3	103	3	9	80 - 129	ug/L
Chlorobenzene	40.0	43.1	108	4	8	80 - 121	ug/L
1,1-Dichloroethene	40.0	61.9	107	5	11	74 - 134	ug/L
Toluene	40.0	41.5	104	2	9	79 - 129	ug/L
Trichloroethene	40.0	41.5	104	2	10	75 - 127	ug/L

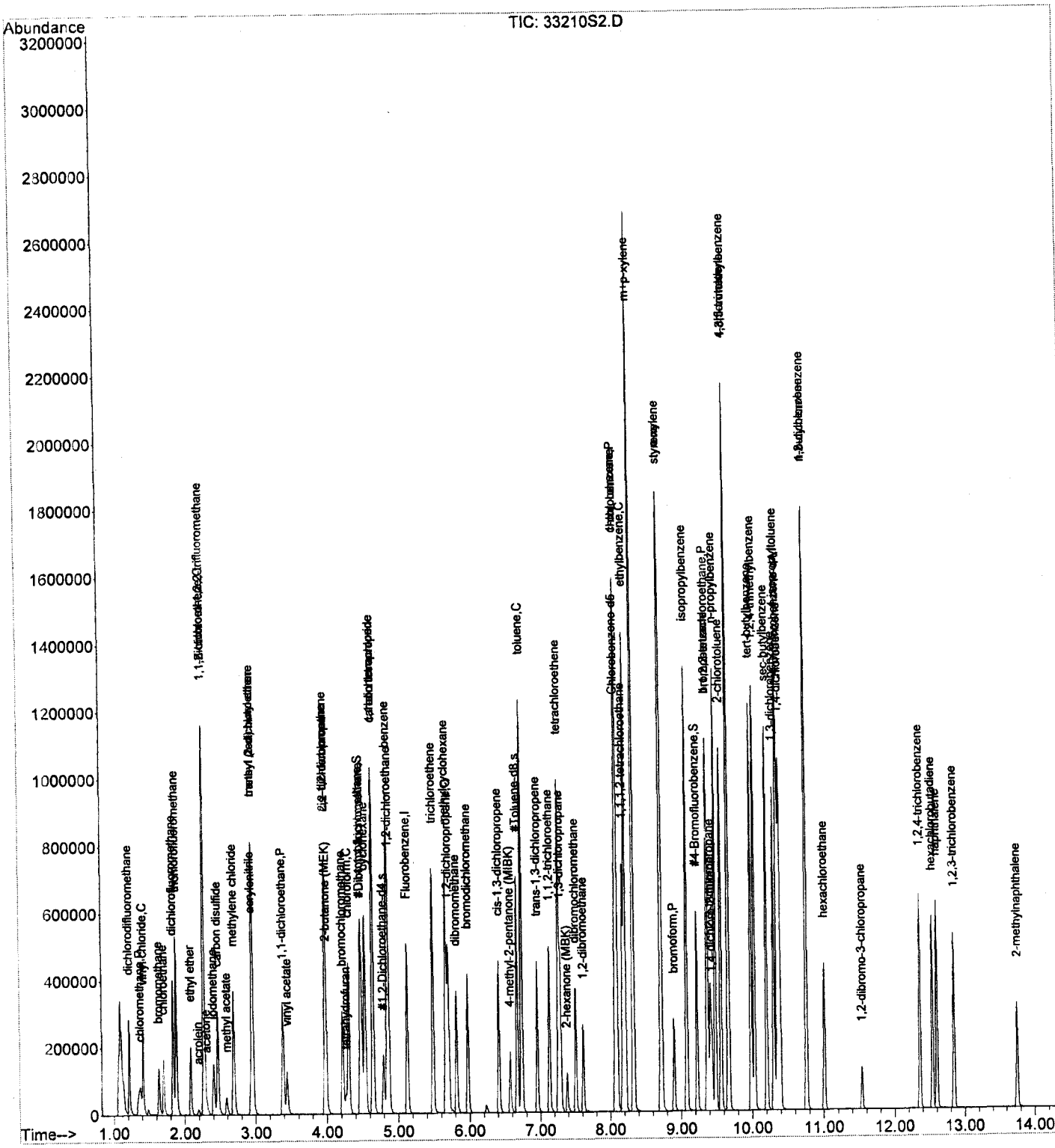
Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Quantitation Report (Not Edited)

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33210S2.D
Acq On : 29 Dec 2010 4:55
Operator : DLV
Sample : MSD1
Misc : MWH
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 29 05:10:16 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration



00340

Quantitation Report (Not Edited)

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33210S2.D
Acq On : 29 Dec 2010 4:55
Operator : DLV
Sample : MSD1
Misc : MWH
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 29 05:10:16 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	422623	40.00	ug/L	0.00 85.29%
50) Chlorobenzene-d5	8.08	117	360514	40.00	ug/L	0.00 79.56%
65) 1,4-Dichlorobenzene-d4	10.38	152	219192	40.00	ug/L	0.00 80.07%
System Monitoring Compounds						
30) #Dibromofluoromethane	4.47	111	112649	40.33	ug/L	0.00
Spiked Amount 40.000			Recovery =	100.82%		
37) #1,2-Dichloroethane-d4	4.80	65	115269	41.75	ug/L	0.00
Spiked Amount 40.000			Recovery =	104.38%		
46) #Toluene-d8	6.67	98	422547	38.25	ug/L	0.00
Spiked Amount 40.000			Recovery =	95.63%		
64) #4-Bromofluorobenzene	9.23	95	173657	40.17	ug/L	0.00
Spiked Amount 40.000			Recovery =	100.43%		
Target Compounds						Qvalue
2) dichlorodifluoromethane	1.22	85	188783	38.45	ug/L	98
3) chloromethane	1.38	50	166084	41.72	ug/L	99
4) vinyl chloride	1.42	62	172336	44.10	ug/L	99
5) dichlorofluoromethane	1.84	67	302265	46.06	ug/L	99
6) bromomethane	1.64	94	77291	42.03	ug/L	98
7) chloroethane	1.71	64	108910	43.68	ug/L	100
8) trichlorofluoromethane	1.89	101	335767	47.15	ug/L	100
9) acrolein	2.19	56	12814	43.48	ug/L #	99
10) ethyl ether	2.09	74	73483	42.93	ug/L	99
11) acrylonitrile	2.94	53	49626	42.85	ug/L	99
12) 1,1,2-trichloro-1,2,2-trif	2.27	101	165690	50.89	ug/L	97
13) 1,1-dichloroethene	2.28	96	240798	61.86	ug/L	96
14) iodomethane	2.41	142	177970	39.30	ug/L	98
15) acetone	2.32	43	35983	45.97	ug/L	99
16) methyl acetate	2.60	43	55042	29.73	ug/L	98
17) carbon disulfide	2.47	76	396688	45.08	ug/L	100
18) methylene chloride	2.69	49	180209	40.92	ug/L	99
19) trans-1,2-dichloroethene	2.96	96	181211	40.98	ug/L	97
20) methyl (tert) butyl ether	2.96	73	416034	42.21	ug/L	98
21) 1,1-dichloroethane	3.40	63	304248	43.32	ug/L	100
22) vinyl acetate	3.45	43	170891	31.88	ug/L	99
23) 2,2-dichloropropane	3.98	77	214466	37.09	ug/L	100
24) cis-1,2-dichloroethene	3.99	96	203523	41.36	ug/L	99
25) 2-butanone (MEK)	4.00	43	49290	39.13	ug/L	100
26) bromochloromethane	4.22	49	109102	38.72	ug/L	98
27) chloroform	4.31	83	337883	43.00	ug/L	100
28) tetrahydrofuran	4.27	71	13985	38.42	ug/L	99
29) 1,1,1-trichloroethane	4.49	97	318953	44.85	ug/L	99
31) carbon tetrachloride	4.65	117	279105	46.40	ug/L	100
32) 1,1-dichloropropene	4.65	75	261078	42.58	ug/L	99
33) cyclohexane	4.54	56	251060	44.31	ug/L	98
34) benzene	4.86	78	732353	41.31	ug/L	99
35) 1,2-dichloroethane	4.88	62	239861	41.87	ug/L	99
36) heptane	5.13	57	11456	No Calib	#	

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : 33210S2.D
Acq On : 29 Dec 2010 4:55
Operator : DLV
Sample : MSD1
Misc : MWH
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 29 05:10:16 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
38) trichloroethene	5.49	130	238178	41.49 ug/L		99
39) 1,2-dichloropropane	5.71	63	157909	40.15 ug/L		100
40) dibromomethane	5.82	93	101030	39.75 ug/L		99
41) bromodichloromethane	5.98	83	242162	42.53 ug/L		99
42) methylcyclohexane	5.68	83	285156	45.09 ug/L		100
43) 2-chloroethyl vinyl ethe	0.00	63	0	N.D.		
44) cis-1,3-dichloropropene	6.42	75	233675	39.65 ug/L		100
45) 4-methyl-2-pentanone (MIBK	6.58	43	95720	41.04 ug/L		98
47) toluene	6.74	91	831285	41.47 ug/L		99
48) trans-1,3-dichloropropene	6.96	75	221794	40.38 ug/L		98
49) 1,1,2-trichloroethane	7.14	83	113940	38.57 ug/L		98
51) tetrachloroethene	7.27	166	296657	42.96 ug/L		99
52) 1,3-dichloropropane	7.30	76	251382	41.29 ug/L		98
53) 2-hexanone (MBK)	7.39	43	64339	42.50 ug/L		98
54) dibromochloromethane	7.51	129	192495	45.59 ug/L		98
55) 1,2-dibromoethane	7.62	109	146972	41.45 ug/L		98
56) chlorobenzene	8.10	112	564233	43.13 ug/L		99
57) 1,1,1,2-tetrachloroethane	8.19	131	203208	45.17 ug/L		100
58) 1-chlorohexane	8.09	55	153369	47.54 ug/L		94
59) ethylbenzene	8.22	91	932907	44.59 ug/L		100
60) m+p-xylene	8.33	106	759064	89.29 ug/L		97
61) o-xylene	8.72	106	354031	44.23 ug/L		98
62) styrene	8.74	104	589218	42.46 ug/L		98
63) bromoform	8.91	173	125376	44.93 ug/L		100
66) isopropylbenzene	9.08	105	845021	46.02 ug/L		100
67) bromobenzene	9.38	77	306718	42.37 ug/L		99
68) 1,1,2,2-tetrachloroethane	9.38	83	170806	41.19 ug/L	#	100
69) 1,4-dichloro-2-butene	9.44	53	40170	42.53 ug/L	#	1
70) 1,2,3-trichloropropane	9.42	75	184006	40.24 ug/L		99
71) n-propylbenzene	9.49	120	243618	44.36 ug/L		99
72) 2-chlorotoluene	9.57	126	214499	43.63 ug/L		99
73) 1,3,5-trimethylbenzene	9.67	105	670587	45.36 ug/L		99
74) 4-chlorotoluene	9.68	126	221633	43.69 ug/L		100
75) tert-butylbenzene	9.99	119	599978	45.95 ug/L		99
76) 1,2,4-trimethylbenzene	10.04	105	674941	44.86 ug/L		99
77) sec-butylbenzene	10.21	105	755965	45.80 ug/L		100
78) 4-isopropyltoluene	10.36	119	657417	44.78 ug/L		99
79) 1,3-dichlorobenzene	10.31	146	414433	42.93 ug/L		100
80) 1,4-dichlorobenzene	10.40	146	427702	42.89 ug/L		99
81) 1,2-dichlorobenzene	10.77	146	399984	43.56 ug/L		100
82) n-butylbenzene	10.76	91	467533	45.55 ug/L		100
83) 1,2-dibromo-3-chloropropan	11.54	157	40745	42.02 ug/L		97
84) hexachloroethane	11.02	201	69857	44.86 ug/L		91
85) 1,2,4-trichlorobenzene	12.37	180	221155	44.03 ug/L		98
86) hexachlorobutadiene	12.55	225	122569	46.36 ug/L		99
87) naphthalene	12.61	128	495677	43.73 ug/L		100
88) 1,2,3-trichlorobenzene	12.85	180	181088	43.70 ug/L		99
89) 2-methylnaphthalene	13.76	142	176963	47.71 ug/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LCS / LCS DUPLICATE RECOVERY

USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.

Client: MWH Americas - Farmington Hills, MI

Matrix: Water

SDG: 1012332

Project: GE - Patillas, Puerto Rico

Laboratory ID: 1100572-BS1

Preparation: 5030B Aqueous Purge & Trap

Initial/Final: 5 mL / 5 mL

QC Batch: 1100572

Sequence: 1A21012

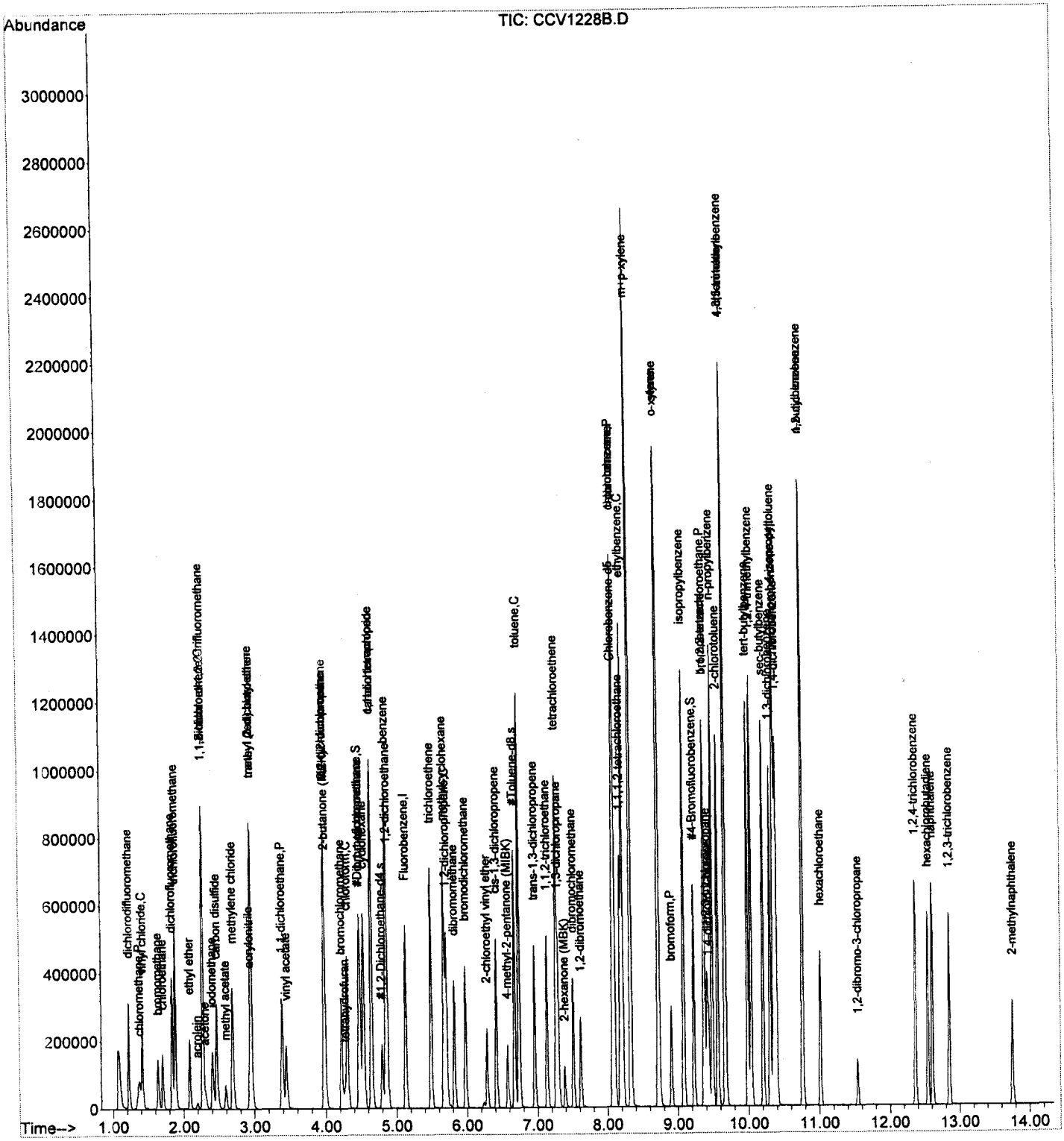
Analyte	Spike Added	LCS Conc.	LCS % Rec. #	QC Limits Rec.	Units
Benzene	40.0	37.6	94	84 - 119	ug/L
Chlorobenzene	40.0	39.6	99	84 - 118	ug/L
1,1-Dichloroethene	40.0	37.2	93	77 - 123	ug/L
Toluene	40.0	38.4	96	85 - 118	ug/L
Trichloroethene	40.0	37.6	94	82 - 119	ug/L

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

* Values outside of QC limits

Data Path : C:\MSDCHEM\1\DATA\12-28-10\
InstName : 224
Data File : CCV1228B.D
Acq On : 28 Dec 2010 9:32
Operator : DLV
Sample : CCV/BS
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 28 09:46:53 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration



Data Path : C:\MSDCHEM\1\DATA\12-28-10\
InstName : 224
Data File : CCV1228B.D
Acq On : 28 Dec 2010 9:32
Operator : DLV
Sample : CCV/BS
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 28 09:46:53 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	459624	40.00	ug/L		0.00 92.76%
50) Chlorobenzene-d5	8.08	117	397861	40.00	ug/L		0.00 87.80%
65) 1,4-Dichlorobenzene-d4	10.38	152	237279	40.00	ug/L		0.00 86.68%
System Monitoring Compounds							
30) #Dibromofluoromethane	4.47	111	120326	39.61	ug/L		0.00
Spiked Amount 40.000			Recovery =	99.02%			
37) #1,2-Dichloroethane-d4	4.80	65	123875	41.26	ug/L		0.00
Spiked Amount 40.000			Recovery =	103.15%			
46) #Toluene-d8	6.67	98	467146	38.89	ug/L		0.00
Spiked Amount 40.000			Recovery =	97.23%			
64) #4-Bromofluorobenzene	9.23	95	189784	39.78	ug/L		0.00
Spiked Amount 40.000			Recovery =	99.45%			
Target Compounds							Qvalue
2) dichlorodifluoromethane	1.22	85	226995	42.51	ug/L		100
3) chloromethane	1.38	50	169071	39.05	ug/L		99
4) vinyl chloride	1.42	62	176470	41.52	ug/L		100
5) dichlorofluoromethane	1.84	67	296311	41.52	ug/L		99
6) bromomethane	1.64	94	84724	42.37	ug/L		98
7) chloroethane	1.71	64	110758	40.84	ug/L		98
8) trichlorofluoromethane	1.88	101	327516	42.29	ug/L		99
9) acrolein	2.19	56	13987	43.63	ug/L	#	97
10) ethyl ether	2.09	74	75480	40.55	ug/L		99
11) acrylonitrile	2.93	53	51410	40.81	ug/L		96
12) 1,1,2-trichloro-1,2,2-trif	2.27	101	151074	42.66	ug/L		100
13) 1,1-dichloroethene	2.27	96	157719	37.25	ug/L		97
14) iodomethane	2.41	142	200701	40.59	ug/L		99
15) acetone	2.31	43	36007	42.12	ug/L		95
16) methyl acetate	2.60	43	74128	36.81	ug/L		98
17) carbon disulfide	2.47	76	401476	41.95	ug/L		99
18) methylene chloride	2.69	49	180918	37.77	ug/L		98
19) trans-1,2-dichloroethene	2.96	96	181596	37.76	ug/L		99
20) methyl (tert) butyl ether	2.96	73	434660	40.55	ug/L		100
21) 1,1-dichloroethane	3.39	63	293499	38.43	ug/L		99
22) vinyl acetate	3.45	43	256011	43.91	ug/L		99
23) 2,2-dichloropropane	3.98	77	257328	40.92	ug/L		99
24) cis-1,2-dichloroethene	3.99	96	205990	38.49	ug/L		99
25) 2-butanone (MEK)	4.00	43	52687	38.46	ug/L		96
26) bromochloromethane	4.22	49	114820	37.47	ug/L		99
27) chloroform	4.31	83	326280	38.18	ug/L		100
28) tetrahydrofuran	4.27	71	15374	38.84	ug/L		96
29) 1,1,1-trichloroethane	4.49	97	313998	40.60	ug/L		98
31) carbon tetrachloride	4.65	117	278164	42.52	ug/L		99
32) 1,1-dichloropropene	4.65	75	257883	38.67	ug/L		99
33) cyclohexane	4.54	56	250442	40.65	ug/L		99
34) benzene	4.86	78	724523	37.58	ug/L		99
35) 1,2-dichloroethane	4.88	62	241833	38.81	ug/L		99
36) heptane	5.13	57	12389	No Calib		#	

Data Path : C:\MSDCHEM\1\DATA\12-28-10\
InstName : 224
Data File : CCV1228B.D
Acq On : 28 Dec 2010 9:32
Operator : DLV
Sample : CCV/BS
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 28 09:46:53 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
38) trichloroethene	5.49	130	235046	37.65	ug/L		99
39) 1,2-dichloropropane	5.71	63	160920	37.62	ug/L		99
40) dibromomethane	5.82	93	102743	37.17	ug/L		97
41) bromodichloromethane	5.98	83	246599	39.82	ug/L		100
42) methylcyclohexane	5.68	83	287373	41.78	ug/L		99
43) 2-chloroethyl vinyl ether	6.28	63	89709	40.89	ug/L		99
44) cis-1,3-dichloropropene	6.42	75	252740	39.44	ug/L		99
45) 4-methyl-2-pentanone (MIBK	6.58	43	101443	39.99	ug/L		99
47) toluene	6.74	91	837003	38.40	ug/L		99
48) trans-1,3-dichloropropene	6.96	75	240724	40.30	ug/L		100
49) 1,1,2-trichloroethane	7.14	83	120977	37.66	ug/L		98
51) tetrachloroethene	7.27	166	301195	39.52	ug/L		99
52) 1,3-dichloropropane	7.30	76	263157	39.16	ug/L		99
53) 2-hexanone (MBK)	7.39	43	68729	41.14	ug/L		96
54) dibromochloromethane	7.51	129	195987	42.06	ug/L		100
55) 1,2-dibromoethane	7.62	109	155144	39.65	ug/L		100
56) chlorobenzene	8.10	112	572290	39.64	ug/L		99
57) 1,1,1,2-tetrachloroethane	8.19	131	204885	41.27	ug/L		99
58) 1-chlorohexane	8.09	55	155636	43.65	ug/L		96
59) ethylbenzene	8.22	91	941097	40.76	ug/L		100
60) m+p-xylene	8.33	106	759018	80.91	ug/L		99
61) o-xylene	8.72	106	362165	41.00	ug/L		100
62) styrene	8.74	104	625696	40.86	ug/L		99
63) bromoform	8.91	173	135598	44.03	ug/L		99
66) isopropylbenzene	9.08	105	842015	42.36	ug/L		99
67) bromobenzene	9.37	77	314924	40.19	ug/L		100
68) 1,1,2,2-tetrachloroethane	9.38	83	182426	40.64	ug/L	#	99
69) 1,4-dichloro-2-butene	9.44	53	48979	47.90	ug/L	#	1
70) 1,2,3-trichloropropane	9.42	75	199982	40.40	ug/L		99
71) n-propylbenzene	9.49	120	249986	42.05	ug/L		100
72) 2-chlorotoluene	9.57	126	218737	41.10	ug/L		100
73) 1,3,5-trimethylbenzene	9.67	105	685080	42.80	ug/L		100
74) 4-chlorotoluene	9.68	126	228182	41.56	ug/L		98
75) tert-butylbenzene	9.99	119	600827	42.51	ug/L		99
76) 1,2,4-trimethylbenzene	10.04	105	688723	42.29	ug/L		100
77) sec-butylbenzene	10.20	105	762556	42.68	ug/L		99
78) 4-isopropyltoluene	10.36	119	681993	42.91	ug/L		99
79) 1,3-dichlorobenzene	10.31	146	436512	41.77	ug/L		99
80) 1,4-dichlorobenzene	10.39	146	444683	41.19	ug/L		100
81) 1,2-dichlorobenzene	10.77	146	414209	41.67	ug/L		100
82) n-butylbenzene	10.76	91	482034	43.39	ug/L		100
83) 1,2-dibromo-3-chloropropan	11.54	157	43959	41.88	ug/L		98
84) hexachloroethane	11.02	201	73620	43.81	ug/L		93
85) 1,2,4-trichlorobenzene	12.37	180	231073	42.49	ug/L		99
86) hexachlorobutadiene	12.55	225	124359	43.45	ug/L		98
87) naphthalene	12.61	128	523671	42.68	ug/L		100
88) 1,2,3-trichlorobenzene	12.85	180	187552	41.81	ug/L		100
89) 2-methylnaphthalene	13.76	142	166340	41.42	ug/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LCS / LCS DUPLICATE RECOVERY
USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.
SDG: 1012332
Client: MWH Americas - Farmington Hills, MI
Project: GE - Patillas, Puerto Rico
Matrix: Water
Laboratory ID: 1100572-BS2
Preparation: 5030B Aqueous Purge & Trap
Initial/Final: 5 mL / 5 mL
QC Batch: 1100572
Sequence: 1A21014

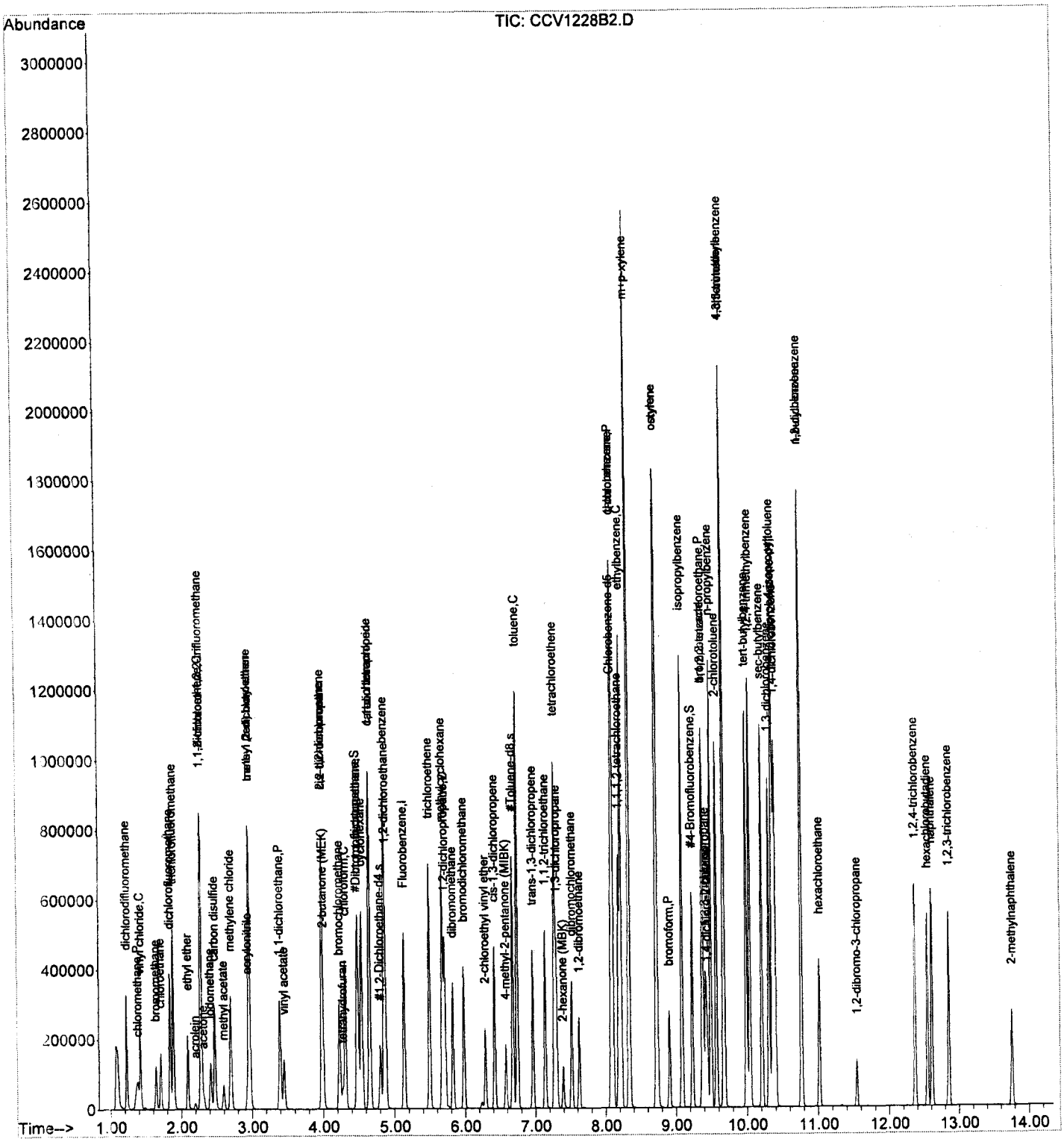
Analyte	Spike Added	LCS Conc.	LCS % Rec. #	QC Limits Rec.	Units
Benzene	40.0	39.4	98	84 - 119	ug/L
Chlorobenzene	40.0	41.2	103	84 - 118	ug/L
1,1-Dichloroethene	40.0	39.1	98	77 - 123	ug/L
Toluene	40.0	40.1	100	85 - 118	ug/L
Trichloroethene	40.0	40.3	101	82 - 119	ug/L

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

* Values outside of QC limits

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : CCV1228B2.D
Acq On : 28 Dec 2010 21:36
Operator : DLV
Sample : CCV/BS
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 28 21:51:00 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration



Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : CCV1228B2.D
Acq On : 28 Dec 2010 21:36
Operator : DLV
Sample : CCV/BS
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 28 21:51:00 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	423659	40.00	ug/L		0.00 85.50%
50) Chlorobenzene-d5	8.08	117	369874	40.00	ug/L		0.00 81.63%
65) 1,4-Dichlorobenzene-d4	10.38	152	221277	40.00	ug/L		0.00 80.83%
System Monitoring Compounds							
30) #Dibromofluoromethane	4.47	111	113149	40.41	ug/L		0.00
Spiked Amount 40.000			Recovery =	101.02%			
37) #1,2-Dichloroethane-d4	4.80	65	118050	42.66	ug/L		0.00
Spiked Amount 40.000			Recovery =	106.65%			
46) #Toluene-d8	6.68	98	440881	39.82	ug/L		0.00
Spiked Amount 40.000			Recovery =	99.55%			
64) #4-Bromofluorobenzene	9.23	95	180298	40.65	ug/L		0.00
Spiked Amount 40.000			Recovery =	101.62%			
Target Compounds							Qvalue
2) dichlorodifluoromethane	1.22	85	220398	44.78	ug/L		100
3) chloromethane	1.38	50	162362	40.69	ug/L		98
4) vinyl chloride	1.42	62	170120	43.43	ug/L		99
5) dichlorofluoromethane	1.84	67	288304	43.82	ug/L		99
6) bromomethane	1.64	94	69606	37.76	ug/L		98
7) chloroethane	1.71	64	105989	42.40	ug/L		99
8) trichlorofluoromethane	1.88	101	326118	45.68	ug/L		99
9) acrolein	2.19	56	13127	44.43	ug/L	#	97
10) ethyl ether	2.09	74	75420	43.96	ug/L		99
11) acrylonitrile	2.93	53	51245	44.14	ug/L		98
12) 1,1,2-trichloro-1,2,2-trif	2.27	101	146065	44.75	ug/L		100
13) 1,1-dichloroethene	2.28	96	152696	39.13	ug/L		95
14) iodomethane	2.41	142	153032	34.32	ug/L		99
15) acetone	2.32	43	35593	45.33	ug/L		99
16) methyl acetate	2.60	43	74482	40.13	ug/L		98
17) carbon disulfide	2.47	76	379870	43.07	ug/L		99
18) methylene chloride	2.69	49	164870	37.34	ug/L		99
19) trans-1,2-dichloroethene	2.96	96	178581	40.28	ug/L		99
20) methyl (tert) butyl ether	2.96	73	414778	41.98	ug/L		100
21) 1,1-dichloroethane	3.40	63	281523	39.99	ug/L		99
22) vinyl acetate	3.45	43	191134	35.57	ug/L		98
23) 2,2-dichloropropane	3.98	77	224317	38.70	ug/L		100
24) cis-1,2-dichloroethene	3.99	96	195903	39.71	ug/L		100
25) 2-butanone (MEK)	4.00	43	51115	40.48	ug/L		98
26) bromochloromethane	4.22	49	109037	38.61	ug/L		98
27) chloroform	4.31	83	316462	40.17	ug/L		99
28) tetrahydrofuran	4.27	71	14353	39.34	ug/L		93
29) 1,1,1-trichloroethane	4.49	97	300257	42.12	ug/L		99
31) carbon tetrachloride	4.65	117	261336	43.34	ug/L		99
32) 1,1-dichloropropene	4.65	75	251178	40.86	ug/L		99
33) cyclohexane	4.54	56	244196	43.00	ug/L		100
34) benzene	4.86	78	699501	39.36	ug/L		99
35) 1,2-dichloroethane	4.88	62	235468	41.00	ug/L		99
36) heptane	5.13	57	12062	No Calib		#	

Data Path : C:\MSDChem\1\DATA\12-28-10\
InstName : 224
Data File : CCV1228B2.D
Acq On : 28 Dec 2010 21:36
Operator : DLV
Sample : CCV/BS
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 28 21:51:00 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
38) trichloroethene	5.49	130	231847	40.29 ug/L		99
39) 1,2-dichloropropane	5.71	63	153741	38.99 ug/L		100
40) dibromomethane	5.82	93	99120	38.91 ug/L		98
41) bromodichloromethane	5.98	83	236251	41.39 ug/L		99
42) methylcyclohexane	5.68	83	273902	43.20 ug/L		100
43) 2-chloroethyl vinyl ether	6.28	63	86226	42.64 ug/L		98
44) cis-1,3-dichloropropene	6.42	75	234436	39.69 ug/L		98
45) 4-methyl-2-pentanone (MIBK	6.58	43	99201	42.43 ug/L		99
47) toluene	6.74	91	805599	40.09 ug/L		99
48) trans-1,3-dichloropropene	6.96	75	220783	40.10 ug/L		99
49) 1,1,2-trichloroethane	7.14	83	115970	39.16 ug/L		100
51) tetrachloroethene	7.27	166	296051	41.79 ug/L		100
52) 1,3-dichloropropane	7.30	76	253573	40.59 ug/L		99
53) 2-hexanone (MBK)	7.39	43	67958	43.76 ug/L		95
54) dibromochloromethane	7.52	129	185050	42.72 ug/L		100
55) 1,2-dibromoethane	7.62	109	147240	40.47 ug/L		100
56) chlorobenzene	8.10	112	552860	41.19 ug/L		100
57) 1,1,1,2-tetrachloroethane	8.19	131	197087	42.70 ug/L		99
58) 1-chlorohexane	8.09	55	151635	45.79 ug/L		94
59) ethylbenzene	8.22	91	904376	42.13 ug/L		99
60) m+p-xylene	8.33	106	728559	83.53 ug/L		100
61) o-xylene	8.72	106	349514	42.56 ug/L		99
62) styrene	8.74	104	597961	42.00 ug/L		100
63) bromoform	8.91	173	125843	43.95 ug/L		99
66) isopropylbenzene	9.08	105	812428	43.83 ug/L		100
67) bromobenzene	9.37	77	299821	41.03 ug/L		100
68) 1,1,2,2-tetrachloroethane	9.38	83	172568	41.22 ug/L	#	98
69) 1,4-dichloro-2-butene	9.44	53	43723	45.85 ug/L	#	1
70) 1,2,3-trichloropropane	9.42	75	191716	41.53 ug/L		99
71) n-propylbenzene	9.49	120	237017	42.76 ug/L		97
72) 2-chlorotoluene	9.57	126	212165	42.75 ug/L		98
73) 1,3,5-trimethylbenzene	9.67	105	657907	44.08 ug/L		99
74) 4-chlorotoluene	9.68	126	216486	42.28 ug/L		99
75) tert-butylbenzene	9.99	119	577268	43.80 ug/L		99
76) 1,2,4-trimethylbenzene	10.04	105	660744	43.51 ug/L		100
77) sec-butylbenzene	10.20	105	729101	43.75 ug/L		99
78) 4-isopropyltoluene	10.36	119	648319	43.75 ug/L		99
79) 1,3-dichlorobenzene	10.31	146	412245	42.30 ug/L		99
80) 1,4-dichlorobenzene	10.39	146	424741	42.19 ug/L		100
81) 1,2-dichlorobenzene	10.77	146	400404	43.19 ug/L		98
82) n-butylbenzene	10.76	91	456979	44.11 ug/L		100
83) 1,2-dibromo-3-chloropropan	11.54	157	42294	43.21 ug/L		97
84) hexachloroethane	11.02	201	65541	42.07 ug/L		92
85) 1,2,4-trichlorobenzene	12.37	180	222853	43.95 ug/L		100
86) hexachlorobutadiene	12.55	225	116946	43.81 ug/L		99
87) naphthalene	12.61	128	507037	44.31 ug/L		99
88) 1,2,3-trichlorobenzene	12.85	180	183781	43.93 ug/L		100
89) 2-methylnaphthalene	13.76	142	158046	42.21 ug/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LCS / LCS DUPLICATE RECOVERY

USEPA-8260B

Laboratory: TriMatrix Laboratories, Inc.

Client: MWH Americas - Farmington Hills, MI

Matrix: Water

SDG: 1012332

Project: GE - Patillas, Puerto Rico

Laboratory ID: 1100572-BS3

Preparation: 5030B Aqueous Purge & Trap

Initial/Final: 5 mL / 5 mL

QC Batch: 1100572

Sequence: 1A21015

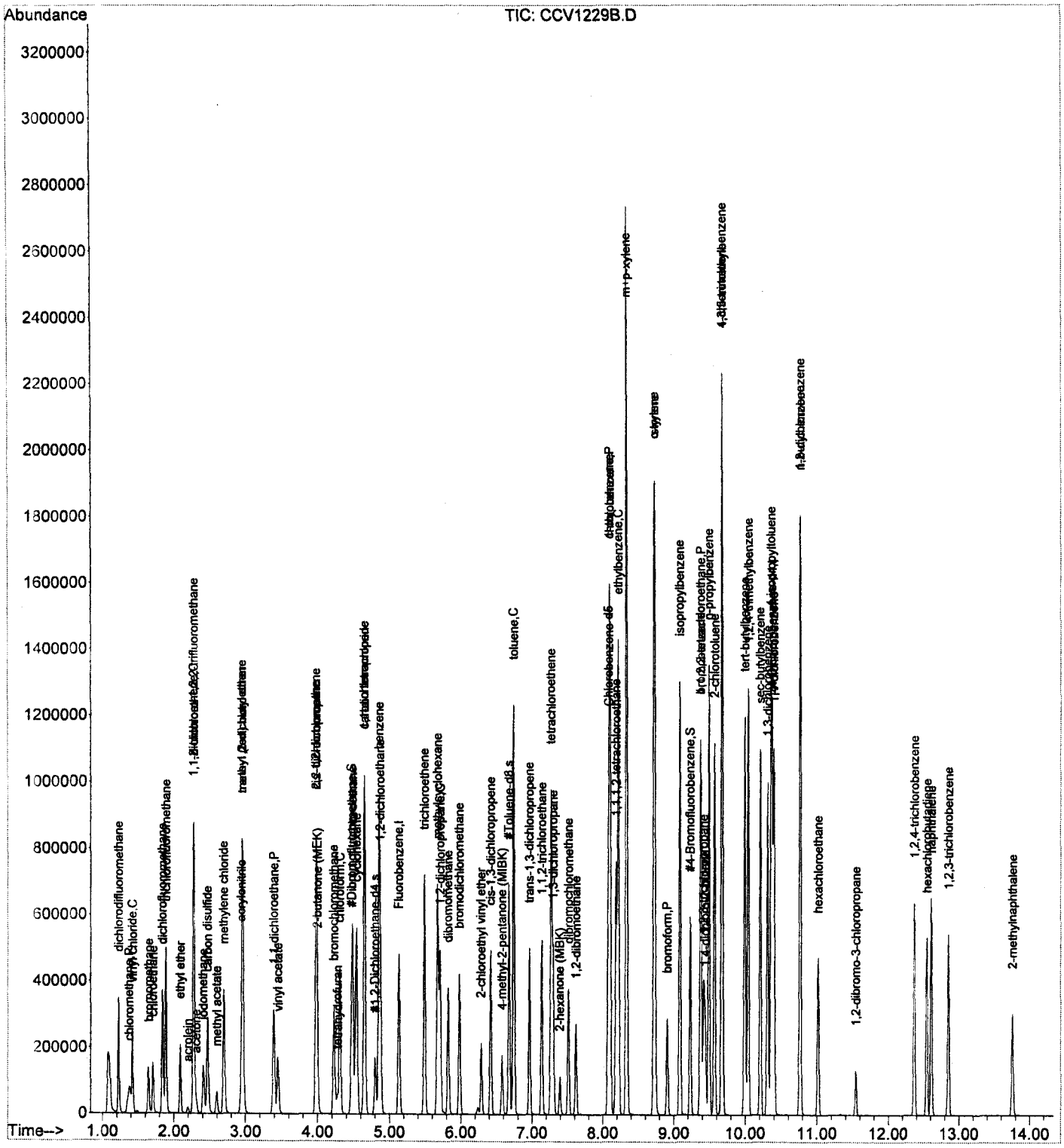
Analyte	Spike Added	LCS Conc.	LCS % Rec. #	QC Limits Rec.	Units
Benzene	40.0	42.4	106	84 - 119	ug/L
Chlorobenzene	40.0	43.8	109	84 - 118	ug/L
1,1-Dichloroethene	40.0	41.8	105	77 - 123	ug/L
Toluene	40.0	42.4	106	85 - 118	ug/L
Trichloroethene	40.0	42.8	107	82 - 119	ug/L

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

* Values outside of QC limits

Data Path : C:\MSDChem\1\DATA\12-29-10\
InstName : 224
Data File : CCV1229B.D
Acq On : 29 Dec 2010 11:39
Operator : DLV
Sample : CCV/BS
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 29 11:55:45 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration



Data Path : C:\MSDChem\1\DATA\12-29-10\
InstName : 224
Data File : CCV1229B.D
Acq On : 29 Dec 2010 11:39
Operator : DLV
Sample : CCV/BS
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 29 11:55:45 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.13	96	409362	40.00 ug/L	0.00 82.62%
50) Chlorobenzene-d5	8.08	117	360570	40.00 ug/L	0.00 79.57%
65) 1,4-Dichlorobenzene-d4	10.38	152	213514	40.00 ug/L	0.00 78.00%
System Monitoring Compounds					
30) #Dibromofluoromethane	4.47	111	106969	39.54 ug/L	0.00
Spiked Amount 40.000			Recovery =	98.85%	
37) #1,2-Dichloroethane-d4	4.80	65	112182	41.95 ug/L	0.00
Spiked Amount 40.000			Recovery =	104.88%	
46) #Toluene-d8	6.67	98	422250	39.47 ug/L	0.00
Spiked Amount 40.000			Recovery =	98.67%	
64) #4-Bromofluorobenzene	9.23	95	171042	39.56 ug/L	0.00
Spiked Amount 40.000			Recovery =	98.90%	
Target Compounds					Qvalue
2) dichlorodifluoromethane	1.22	85	239642	50.39 ug/L	99
3) chloromethane	1.38	50	164646	42.70 ug/L	99
4) vinyl chloride	1.42	62	169083	44.67 ug/L	99
5) dichlorofluoromethane	1.84	67	286806	45.12 ug/L	100
6) bromomethane	1.65	94	78771	44.23 ug/L	98
7) chloroethane	1.71	64	103410	42.82 ug/L	100
8) trichlorofluoromethane	1.89	101	320765	46.50 ug/L	99
9) acrolein	2.19	56	13309	46.62 ug/L #	96
10) ethyl ether	2.09	74	73782	44.51 ug/L	99
11) acrylonitrile	2.94	53	47428	42.28 ug/L	97
12) 1,1,2-trichloro-1,2,2-trif	2.27	101	143347	45.45 ug/L	100
13) 1,1-dichloroethene	2.28	96	157733	41.83 ug/L	94
14) iodomethane	2.41	142	173909	39.61 ug/L	99
15) acetone	2.32	43	31003	40.65 ug/L	96
16) methyl acetate	2.60	43	70539	39.33 ug/L	99
17) carbon disulfide	2.47	76	371134	43.54 ug/L	99
18) methylene chloride	2.69	49	183957	43.12 ug/L	99
19) trans-1,2-dichloroethene	2.96	96	183249	42.78 ug/L	98
20) methyl (tert) butyl ether	2.96	73	420985	44.10 ug/L	99
21) 1,1-dichloroethane	3.40	63	288657	42.44 ug/L	99
22) vinyl acetate	3.45	43	237191	45.68 ug/L	99
23) 2,2-dichloropropane	3.98	77	258353	46.13 ug/L	99
24) cis-1,2-dichloroethene	3.99	96	203477	42.69 ug/L	99
25) 2-butanone (MEK)	4.00	43	47334	38.79 ug/L	98
26) bromochloromethane	4.22	49	115271	42.24 ug/L	98
27) chloroform	4.31	83	326521	42.90 ug/L	98
28) tetrahydrofuran	4.27	71	14551	41.27 ug/L	96
29) 1,1,1-trichloroethane	4.49	97	313751	45.55 ug/L	98
31) carbon tetrachloride	4.65	117	281887	48.38 ug/L	100
32) 1,1-dichloropropene	4.65	75	259290	43.66 ug/L	99
33) cyclohexane	4.54	56	239478	43.64 ug/L	98
34) benzene	4.86	78	727202	42.35 ug/L	99
35) 1,2-dichloroethane	4.88	62	247995	44.69 ug/L	99
36) heptane	5.13	57	11177	No Calib #	

Data Path : C:\MSDChem\1\DATA\12-29-10\
InstName : 224
Data File : CCV1229B.D
Acq On : 29 Dec 2010 11:39
Operator : DLV
Sample : CCV/BS
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 29 11:55:45 2010
Quant Method : C:\MSDCHEM\1\METHODS\8260B-B67.M
Quant Title : VOLATILE GC/MS BY EPA 8260B/624/524.2
QLast Update : Mon Dec 27 07:37:36 2010
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
38) trichloroethene	5.49	130	237716	42.75 ug/L		99
39) 1,2-dichloropropane	5.71	63	156979	41.20 ug/L		99
40) dibromomethane	5.82	93	105768	42.97 ug/L		99
41) bromodichloromethane	5.98	83	246572	44.71 ug/L		100
42) methylcyclohexane	5.68	83	274178	44.76 ug/L		99
43) 2-chloroethyl vinyl ether	6.28	63	78500	40.17 ug/L		99
44) cis-1,3-dichloropropene	6.42	75	254825	44.65 ug/L		99
45) 4-methyl-2-pentanone (MIBK	6.58	43	96870	42.88 ug/L		99
47) toluene	6.74	91	823832	42.43 ug/L		99
48) trans-1,3-dichloropropene	6.96	75	241528	45.40 ug/L		98
49) 1,1,2-trichloroethane	7.14	83	121427	42.44 ug/L		99
51) tetrachloroethene	7.27	166	298845	43.27 ug/L		100
52) 1,3-dichloropropane	7.30	76	265138	43.54 ug/L		100
53) 2-hexanone (MBK)	7.39	43	64104	42.34 ug/L		98
54) dibromochloromethane	7.52	129	194224	46.00 ug/L		100
55) 1,2-dibromoethane	7.62	109	157293	44.35 ug/L		100
56) chlorobenzene	8.10	112	572563	43.76 ug/L		99
57) 1,1,1,2-tetrachloroethane	8.19	131	207774	46.18 ug/L		99
58) 1-chlorohexane	8.09	55	151372	46.90 ug/L		95
59) ethylbenzene	8.22	91	937441	44.80 ug/L		100
60) m+p-xylene	8.33	106	756501	88.98 ug/L		100
61) o-xylene	8.72	106	362254	45.25 ug/L		100
62) styrene	8.74	104	620779	44.73 ug/L		99
63) bromoform	8.91	173	132646	47.52 ug/L		99
66) isopropylbenzene	9.08	105	850075	47.53 ug/L		99
67) bromobenzene	9.37	77	314189	44.56 ug/L		99
68) 1,1,2,2-tetrachloroethane	9.38	83	176078	43.59 ug/L	#	99
69) 1,4-dichloro-2-butene	9.44	53	48966	53.22 ug/L	#	1
70) 1,2,3-trichloropropane	9.42	75	200023	44.91 ug/L		99
71) n-propylbenzene	9.49	120	246759	46.13 ug/L		99
72) 2-chlorotoluene	9.57	126	218800	45.69 ug/L		100
73) 1,3,5-trimethylbenzene	9.67	105	679617	47.19 ug/L		100
74) 4-chlorotoluene	9.68	126	223281	45.19 ug/L		99
75) tert-butylbenzene	9.99	119	602100	47.34 ug/L		99
76) 1,2,4-trimethylbenzene	10.04	105	675772	46.11 ug/L		99
77) sec-butylbenzene	10.21	105	749441	46.61 ug/L		99
78) 4-isopropyltoluene	10.36	119	667454	46.67 ug/L		100
79) 1,3-dichlorobenzene	10.31	146	428709	45.59 ug/L		99
80) 1,4-dichlorobenzene	10.40	146	437067	44.99 ug/L		99
81) 1,2-dichlorobenzene	10.77	146	404485	45.22 ug/L		99
82) n-butylbenzene	10.76	91	480805	48.09 ug/L		99
83) 1,2-dibromo-3-chloropropan	11.54	157	41240	43.67 ug/L		98
84) hexachloroethane	11.02	201	73079	47.77 ug/L		92
85) 1,2,4-trichlorobenzene	12.37	180	221263	45.22 ug/L		99
86) hexachlorobutadiene	12.55	225	118613	46.06 ug/L		97
87) naphthalene	12.61	128	511452	46.32 ug/L		100
88) 1,2,3-trichlorobenzene	12.85	180	185092	45.85 ug/L		99
89) 2-methylnaphthalene	13.76	142	170590	47.21 ug/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Volatiles MS, Water, 5030B Aqueous Purge & Trap

Surrogate #1 = 0120276 (Static)

Batch Comments: (none)

Standard	Description	Solvent	LotNum
0110681	APP IX Working Std 11-15-10	MeOH G50E19	NA
0120276	8260B Static Surrogate 12-04-10	MeOH H45E36	CD-1263
0121156	8260 Working Standard B 12-23-1	MeOH-G50E19	NA

Work Order	Analysis	Work Order	Analysis	Work Order	Analysis
1012332	8260B Standard VOAs plus custom				

Lab Number	Contain	Prepared	By	Initial (mL)	Final (mL)	uL Surrogate	Source ID	Spike ID	uL Spike	Client / QC Type	Extraction Comments
1100572-BLK1		Dec-28-10 08:00	DLV	5	5	1				BLANK	
1100572-BS1		Dec-28-10 08:00	DLV	5	5	1		0121156	2	LCS	
1012332-01	A	Dec-28-10 08:00	DLV	5	5	1				MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-02	A	Dec-28-10 08:00	DLV	5	5	1				MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-03	A	Dec-28-10 08:00	DLV	5	5	1				MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-04	A	Dec-28-10 08:00	DLV	5	5	1				MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-05	A	Dec-28-10 08:00	DLV	5	5	1				MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-06	A	Dec-28-10 08:00	DLV	5	5	1				MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-07	A	Dec-28-10 08:00	DLV	5	5	1				MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-08	A	Dec-28-10 08:00	DLV	5	5	1				MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-09	A	Dec-28-10 08:00	DLV	5	5	1				MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-10	A	Dec-28-10 08:00	DLV	5	5	1				MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-11	A	Dec-28-10 08:00	DLV	5	5	1				MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-12	A	Dec-28-10 08:00	DLV	5	5	1				MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-13	A	Dec-28-10 08:00	DLV	5	5	1				MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-14	A	Dec-28-10 08:00	DLV	5	5	1				MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-17	A	Dec-28-10 08:00	DLV	5	5	1				MWH Americas - Farmington Hills, MI	Quarterly GWM
1100572-BLK2		Dec-28-10 20:00	DLV	5	5	1				BLANK	
1100572-BS2		Dec-28-10 20:00	DLV	5	5	1		0121156	2	LCS	
1100572-MS1		Dec-28-10 20:00	DLV	5	5	1	1012332-10	0121156	2	MATRIX SPIKE	

Comments:

Analyst Initials:

Volatiles MS, Water, 5030B Aqueous Purge & Trap

Surrogate #1 = 0120276 (Static)

Batch Comments: (none)

Lab Number	Contain	Prepared	By	Initial (mL)	Final (mL)	uL Surrogate	Source ID	Spike ID	uL Spike	Client / QC Type	Extraction Comments
1100572-MSD1		Dec-28-10 20:00	DLV	5	5	1	1012332-10	0121156	2	MATRIX SPIKE DUP	
1012332-15	A	Dec-28-10 20:00	DLV	5	5	1				MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-16	A	Dec-28-10 20:00	DLV	5	5	1				MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-19	A	Dec-28-10 20:00	DLV	5	5	1				MWH Americas - Farmington Hills, MI	Quarterly GWM
1100572-BLK3		Dec-29-10 09:00	DLV	5	5	1				BLANK	
1100572-BS3		Dec-29-10 09:00	DLV	5	5	1		0121156	2	LCS	
1012332-15RE1	B	Dec-29-10 09:00	DLV	5	5	1				MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-16RE1	B	Dec-29-10 09:00	DLV	5	5	1				MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-18	B	Dec-29-10 09:00	DLV	5	5	1				MWH Americas - Farmington Hills, MI	Quarterly GWM

Comments:	Analyst Initials:

Volatiles MS, Water, Dec-28-10

Instrument = 224, Calibration = 0L28007

Sequence Analyses:
8260B Standard VOAs plus custom

Lab Number	*Analysis*	*Contain*	*STD ID*	*ISTD ID*	*Client / QC Type*	*Extraction Comments*
1A21012-TUN1	QC		0100068	0100066	MS TUNE	
1A21012-CCV1	QC		0120300	0100066	CALIBRATION CHECK	
1100572-BS1	QC			0100066	LCS	
1100572-BLK1	QC			0100066	BLANK	
1012332-01	8260B Standard VOAs plus custom	A		0100066	MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-02	8260B Standard VOAs plus custom	A		0100066	MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-12	8260B Standard VOAs plus custom	A		0100066	MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-13	8260B Standard VOAs plus custom	A		0100066	MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-14	8260B Standard VOAs plus custom	A		0100066	MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-17	8260B Standard VOAs plus custom	A		0100066	MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-03	8260B Standard VOAs plus custom	A		0100066	MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-04	8260B Standard VOAs plus custom	A		0100066	MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-05	8260B Standard VOAs plus custom	A		0100066	MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-06	8260B Standard VOAs plus custom	A		0100066	MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-07	8260B Standard VOAs plus custom	A		0100066	MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-08	8260B Standard VOAs plus custom	A		0100066	MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-09	8260B Standard VOAs plus custom	A		0100066	MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-10	8260B Standard VOAs plus custom	A		0100066	MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-11	8260B Standard VOAs plus custom	A		0100066	MWH Americas - Farmington Hills, MI	Quarterly GWM

Comments:

Analyst Initials:

Volatiles MS, Water, Dec-28-10

Instrument = 224, Calibration = 0L28007

Sequence Analyses:
8260B Standard VOAs plus custom

Lab Number	*Analysis*	*Contain*	*STD ID*	*ISTD ID*	*Client / QC Type*	*Extraction Comments*
1A21014-TUN1	QC		0100068	0100066	MS TUNE	
1A21014-CCV1	QC		0120300	0100066	CALIBRATION CHECK	
1100572-BS2	QC			0100066	LCS	
1100572-BLK2	QC			0100066	BLANK	
1012332-19	8260B Standard VOAs plus custom	A		0100066	MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-15	8260B Standard VOAs plus custom	A		0100066	MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-16	8260B Standard VOAs plus custom	A		0100066	MWH Americas - Farmington Hills, MI	Quarterly GWM
1100572-MS1	QC			0100066	MATRIX SPIKE	
1100572-MSD1	QC			0100066	MATRIX SPIKE DUP	

Comments:	Analyst Initials:

Volatiles MS, Water, Dec-29-10

Instrument = 224, Calibration = 0L28007

Sequence Analyses:
8260B Standard VOAs plus custom

Lab Number	*Analysis*	*Contain*	*STD ID*	*ISTD ID*	*Client / QC Type*	*Extraction Comments*
1A21015-TUN1	QC		0100068	0100066	MS TUNE	
1A21015-CCV1	QC		0120300	0100066	CALIBRATION CHECK	
1100572-BS3	QC			0100066	LCS	
1100572-BLK3	QC			0100066	BLANK	
1012332-15RE1	8260B Standard VOAs plus custom	B		0100066	MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-16RE1	8260B Standard VOAs plus custom	B		0100066	MWH Americas - Farmington Hills, MI	Quarterly GWM
1012332-18	8260B Standard VOAs plus custom	B		0100066	MWH Americas - Farmington Hills, MI	Quarterly GWM

Comments:	Analyst Initials:

TRIMATRIX LABORATORIES

Instrument Number:	224	Acquisition Information		Temperature Program		Standard Information	
Column Type:	DB-624	Multiplier Voltage:		Step #1	45° C for 3 minutes	Curve Date:	12-23-10
Column Installation Date:	3/1/2005	Scan Range:	35-300	Step #2	15° C/minute to 200° C, hold for 1.00 minute	IS/SS Std.:	0100066
Injector Temperature:	200° C	Scan Rate:		Step #3		Working Std:	012 1156
Detector Temperature:	230° C	Filament Delay:		Step #4		App. IX Std:	0110681/0120057
Purge Flow (mL/min):		Quantitation Method:		Step #5		LCS Std:	0120605

Date	Analyst	Method	Standard Prep uL Used	Standard Prep Final Vol. (mL)	Comments	pH <2	Acquisition Time	Client	Sample ID	Dilution	Matrix
12-23-10	DLV	8260B	25	50	(B)		11:13		BFB1223B		
			1	100			11:47		1P1223B		
			5				12:23		5P1223B		
			10				13:00		10P1223B		
			20				13:37		20P1223B		
			40				14:13		40P1223B		
			100				14:50		100P1223B		
			2.5	50			15:26		5A1223B		
			200	100			16:03		200P1223B		
			12.5	50			16:39		25A1223B		
			40	100			17:16		50V1223B		
			25	50			17:52		50A1223B		
			50				18:29		100A1223B		
			100				19:05		200A1223B		
			200				19:42		400A1223B		
			25				20:19		50VA1223B		
							20:55		BNK1223B		
							21:32	[redacted]	1022280-05		
							22:09		28001MS		
							22:45		28001MSD		

TRIMATRIX LABORATORIES

Instrument Number:	224
Column Type:	DB-624
Column Installation Date:	3/1/2005
Injector Temperature:	200° C
Detector Temperature:	230° C
Purge Flow (mL/min):	

Acquisition Information	
Multiplier Voltage:	
Scan Range:	35-300
Scan Rate:	
Filament Delay:	
Quantitation Method:	

Temperature Program	
Step #1	45° C for 3 minutes
Step #2	15° C/minute to 200° C, hold for 1.00 minute
Step #3	
Step #4	
Step #5	

Standard Information	
Curve Date:	12-23-10
IS/SS Std.:	0100666
Working Std:	0121156
App. IX Std:	0110681
LCS Std:	

Date	Analyst	Method	Standard Prep uL Used	Standard Prep Final Vol. (mL)	Comments	pH <2	Acquisition Time	Client	Sample ID	Dilution	Matrix
12-28-10	DLW	8260B	25	50	(B)		8:58	QC	BFB1228B		
			20				9:32		CCV1228B		
			50				10:06		CCV2		
							10:42		BLK1228B		
						✓	11:19	MWH	1012332-01		
						✓	11:56		02		
						✓	12:32		12		
						✓	13:09		13		
						✓	13:46		14		
						✓	14:22		17		
						✓	14:59		03		
						✓	15:36		04		
						✓	16:12		05		
						✓	16:49		06		
						✓	17:26		07		
						✓	18:02		08		
						✓	18:39		09		
						✓	19:15		10		
						✓	19:52		11		
					rr 2x	✓	20:29		12	10x	5mL:50mL

TRIMATRIX LABORATORIES

Date	Analyst	Method	Standard Prep uL Used	Standard Prep Final Vol. (mL)	Comments	pH <2	Acquisition Time	Client	Sample ID	Dilution	Matrix
12-28-10	DW	8260B	25	50			21:02	GC	BFB1228B2		
			20				21:36		CCV1228B2		
			50				22:13		CCVA2		
							22:49		BLK1228B2		
						✓	23:26	MWH	1012332-19		
					rr 2x	✓	00:03		15		
12-29-10					rr 2x	✓	00:39		16		
						✓	1:16	[redacted]	1012290-33		
						✓	1:53		1012285-10		
						✓	2:29		11		
						✓	3:06		12		
						✓	3:42		13		
							4:19	MNH	3321051		
							4:55		S2		
							5:32		S3		
							6:08		S4		
						✓	6:45	[redacted]	1012290-31		
						✓	7:21		32		
							7:58		29032 MS		
							8:27		29032MSD		
											DW 12-29-10

TRIMATRIX LABORATORIES

Instrument Number:	224
Column Type:	DB-624
Column Installation Date:	3/1/2005
Injector Temperature:	200° C
Detector Temperature:	230° C
Purge Flow (mL/min):	

Acquisition Information	
Multiplier Voltage:	
Scan Range:	35-300
Scan Rate:	
Filament Delay:	
Quantitation Method:	

Temperature Program	
Step #1	45° C for 3 minutes
Step #2	15° C/minute to 200° C, hold for 1.00 minute
Step #3	
Step #4	
Step #5	

Standard Information	
Curve Date:	12-23-10
IS/SS Std.:	0100066
Working Std:	0121331
App. IX Std:	
LCS Std:	

Date	Analyst	Method	Standard Prep uL Used	Standard Prep Final Vol. (mL)	Comments	pH <2	Acquisition Time	Client	Sample ID	Dilution	Matrix
12-29-10	DLV	8260B	25	50	(e)		11:05	GF	BFB1229B		
			20				11:39		CON1229B		
			50				12:16		CONA		
							12:52		BLK1229B		
						✓	13:29	MWH	1012332-15RE	2x	25mL:50mL
						✓	14:06		16RE		
						✓	14:43		18A		
						✓	15:20	[redacted]	1012279-10A	200x	250mL:50mL
						✓	15:57		12A	50x	1mL:50mL
						✓	16:34		1012305-01A	200x	250mL:50mL
						✓	17:11		03A	1	1
						✓	17:48	[redacted]	1012356-01		
						✓	18:25		02		
						✓	19:01		03		
						✓	19:38		04		
						✓	20:14		05		
						✓	20:48		06		
					NS.	✓	21:25		07		
							22:02		35605MS		
							22:39		35605MSD		

YES NO N/A

I. PACKAGE COMPLETENESS AND DELIVERABLES

CASE NUMBER: 1012332 LAB: TriMatrix Laboratories

SITE NAME: GE - Patillas Puerto Rico

1.0 Data Completeness and Deliverables

1.1 Has all data been submitted in CLP deliverable format or CLP Forms Equivalent? [X] ___ ___

ACTION: If not, note the effect on review of the data in the Data Assessment narrative.

2.0 Cover Letter, SDG Narrative

2.1 Is a laboratory narrative, and/or cover letter signed release present? [X] ___ ___

2.2 Are case number and SDG number(s) contained in the narrative or cover letter? [X] ___ ___

ACTION: If not, note the effect on review of the data in the Data Assessment narrative.

II. VOLATILE ANALYSES

1.0 Traffic Reports and Laboratory Narrative

1.1 Are the Traffic Reports, and/or Chain of Custodies from the field samplers present for all samples sign release present? [X] ___ ___

ACTION: If no, contact the laboratory/sampling team for replacement of missing or illegible copies.

1.2 Is a sampling trip report present (if required)? [X] ___ ___

1.3 Sample Conditions/Problems

YES NO N/A

1.3.1 Do the Traffic Reports, Chain of Custodies, or Lab Narrative indicate any problems with sample receipt, condition of samples, analytical problems or special notations affecting the quality of the data? ___ [X] ___

ACTION: If all the VOA vials for a sample have air bubbles or the VOA vial analyzed had air bubbles, flag all positive results "J" and all non-detects "R".

ACTION: If any sample analyzed as a soil, other than TCLP, contains 50%-90% water, all data should be flagged as estimated ("J"). If a soil sample, other than TCLP, contains more than 90% water, flag all positive results “J” and all non-detects “R”.

ACTION: If samples were not iced or if the ice was melted upon receipt at the laboratory and the temperature of the cooler was elevated (>10°C), flag all positive results "J" and all non-detects non"UJ".

2.0 Holding Times

2.1 Have any volatile holding times, determined from date of collection to date of analysis, been exceeded? ___ [X] ___

The maximum holding time for aqueous samples is 14 days.

The maximum holding time for soils non aqueous samples is 14 days.

NOTE: If unpreserved, aqueous samples maintained at 4°C for aromatic hydrocarbons analysis must be analyzed within 7 days. If preserved with HCL acid to a pH<2 and stored at 4°C,then aqueous samples must be analyzed within 14 days from time of collection. For non-aqueous samples for volatile components that are frozen (less than 7°C) or are properly cooled (4°C ± 2°C) and perserved with $NaHSO_4$, the maximum holding time is 14 days from sample collection. If

YES NO N/A

uncertain about preservation, contact the laboratory /sampling team to determine whether or not samples were preserved.

ACTION: Qualify sample results according to Table 1:

Table 1. Holding Time Actions for Trace Volatile Analysis

Matrix	Preserved	Criteria	Action	
			Detected Associated Compounds	Non-Detected Associated Compounds
Aqueous	No	≤7 days	No qualifications	
	No	> 7 days	J	R
	Yes	≤14 days	No qualifications	
	Yes	> 14 days	J	R
Non Aqueous	No	≤ 14 days	J	R
	Yes	≤ 14 days	No qualifications	
	Yes/No	> 14 days	J	R

3.0 Surrogate Recovery (CLP Form II Equivalent)

3.1 Have the volatile surrogate recoveries been listed on Surrogate Recovery forms for each of the following matrices:

a. Water [X] ___ ___

b. Soil [ ] ___ X

3.2 If so, are all the samples listed on the appropriate Surrogate Recovery forms for each matrix:

a. Water [X] ___ ___

b. Soil [ ] ___ X

ACTION: If large errors exist, deliverables are unavailable or information is missing, document the effect(s) in Data

YES NO N/A

Assessments and contact the laboratory/project officer/appropriate official for an explanation /resubmittal,make any necessary corrections and document effect in the Data Assessment.

3.3 Were the surrogate recovery limits followed per Table 2. If Table 2 criteria were not followed, the laboratory may use in-house performance criteria (per SW-846, Method 8000C, sectiom 9.7). Other compounds may be used as surrogates, depending upon the analysis requirements. [X] ___ ___

Table 2. Surrogate Spike Recovery Limits for Water and Soil/Sediments

DMC IN-HOUSE	Recovery Limits (%)Water	Recovery Limits Soil/Sediment
4-Bromofluorobenzene	84-106% ~~80-120~~	70-130
Dibromofluoromethane	88-116% ~~80-120~~	70-130
Toluene-d_8	91-107% ~~80-120~~	70-130
Dichloroethane-d_4	87-123% ~~80-120~~	70-130

Note: Use above table if laboratory did not provide in house recovery criteria.

Note: Other compounds may be used as surrogated depending upon the analysis requirements.

3.4 Were outliers marked correctly with an asterisk? [ ] ___ X

ACTION: Circle all outliers with a red pencil.

3.5 Were one or more volatile surrogate recoveries out of specification for any sample or method blank. Table 2. [ ] X ___

If yes, were samples reanalyzed? [ ] ___ X

Were method blanks reanalyzed? [ ] ___ X

YES NO N/A

ACTION: If all surrogate recoveries are > 10% but 1 or more compounds do not meet method specifications:

1. Flag all positive results as estimated ("J").
2. Flag all non-detects as estimated detection limits ("UJ") when recoveries are less than the lower acceptance limit.
3. If recoveries are greater than the upper acceptance limit, do not qualify non-detects, but qualify positive results as estimated “J”.

If any surrogate has a recovery of < 10%:

1. Positive results are qualified with ("J").
2. Non-detects for that should be qualified as unusable ("R").

NOTE: Professional judgement should be used to qualify data that have method blank surrogate recoveries out of specification in both original and reanalyses. The basic concern is whether the blank problems represent an isolated problem with the blank alone or whether there is a fundamental problem with the analytical process. If one or more samples in the batch show acceptable surrogate recoveries, the reviewer may choose the blank problem to be an isolated occurrence.

3.6 Are there any transcription/calculation errors between raw data and reported data? [ ] [X] ___

ACTION: If large errors exist, take action as specified in section 3.2 above.

4.0 Laboratory Control Sample(Form III/Equivalent)

4.1 Is the LCS prepared, extracted, analyzed, and reported once for every 20 field samples of a similar matrix, per SDG. [X] ___ ___

YES NO N/A

Note: LCS consists of an aliquot of a clean (control) matrix similar to the sample matrix and of the same weight or volume.

ACTION: If any Laboratory Control Sample data are missing, call the lab for explanation /resubmittals. Make note in the data assessment.

4.2 Were the Laboratory Control Samples analyzed at the required frequency for each of the following matrices:

A.	Water	[X]	___	___
B.	Soil	[ ]	___	X
C.	Med Soil	[ ]	___	X

Note: The LCS is spiked with the same analytes at the same concentrations as the matrix spike (SW-846 8000C, Section 9.5). If different make note in data assessment. Matrix/LCS spiking standards should be prepared from volatile organic compounds which are representative of the compounds being investigating. At a minimum, the matrix spike should include 1,1-dichloroethene, trichloroethene, chlorobenzene, toluene, and benzene.

ACTION: If any MS/MD, MS/MSD or replicate data are missing, take the action specified in 3.2 above.

4.3 Have in house LCS recovery limits been developed (Method 8000C, Sect 9.7). [X] ___ ___

4.4 If in house limits are not developed, are LCS acceptance recovery limits between 70 - 130% (Method 8000c Sect 9.5)? [ ] ___ X

4.5 Were one or more of the volatile LCS recoveries outside the in house laboratory recovery criteria for spiked analytes? If in house limits are not present use 70 - 130% recovery limits. [ ] X ___

YES NO N/A

Table 3. LCS Actions for Volatile Analysis

Criteria	Action	
	Detected Spiked Compounds	**Non-Detected Spiked Compounds**
%R > Upper Acceptance Limit	J	No Qualifiers
%R < Lower Acceptance Limit	J	UJ
Lower Acceptance Limit ≤ %R	No Qualifications	

5.0 Matrix Spikes(Form III or equivalent)

5.1 Are all data for matrix spike and matrix duplicate or matrix spike duplicate (MS/MD or MS/MSD) present and complete for each matrix? [X] ___ ___

NOTE: The laboratory should use one matrix spike and a duplicate analysis of an unspiked field sample if target analytes are expected in the sample. If the sample is not expected to contain target analytes, a MS/MSD should be analyzed (SW-846, Method 8260B, Sect 8.4.2).

5.2 Have MS/MD or MS/MSD results been summarized on modified CLP Form III? [X] ___ ___

ACTION: If any data are missing take action as specified in section 3.2 above.

5.3 Were matrix spikes analyzed at the required frequency for each of the following matrices? (One MS/MD, MS/MSD or laboratory replicate must be performed for every 20 samples

YES NO N/A

of similar matrix or concentration level. Laboratories analyzing one to ten samples per month are required to analyze at least one MS per month [page 8000C, section 9.5.])

a.	Water	[X]	___	___
b.	Waste	[ ]	___	X
c.	Soil/Solid	[ ]	___	X

Note: The LCS is spiked with the same analytes at the same concentrations as the matrix spike (SW-846 8000C, Section 9.5). If different make note in data assessment. Matrix/LCS spiking standards should be prepared from volatile organic compounds which are representative of the compounds being investigating. At a minimum, the matrix spike should include 1,1-dichloroethene, trichloroethene, chlorobenzene, toluene, and benzene. The concentration of the LCS should be determined as described SW-Method 8000C Section 9.5.

ACTION: If any MS/MD, MS/MSD or replicate data are missing, take the action specified in 3.2 above.

5.4 Have in house MS recovery limits been developed (Method 8000C, Sect 9.7)for each matrix. [X] ___ ___

5.5 Were one or more of the volatile MS/MSD recoveries outside of the in-house laboratory recovery criteria for spiked analytes? If none are present, then use 70-130% recovery as per SW-846, 8000C, Sect. 9.5.4. [ ] X ___

ACTION: Circle all outliers with a red pencil.

NOTE: If any individual % recovery in the MS (or MSD) falls outside the designated range for recovery the reviewer should determine if there is a matrix effect. A matrix effect is indicated if the LCS data are within limits but the MS data exceeds the limits.

YES NO N/A

NOTE: No qualification of data is necessary on MS and MSD data alone. However, using informed professional judgement, the data reviewer may use MS and MSD resuts in conjunction with other QC criteria to determine the need for some qualificatios.

Note: The data reviewer should first try to determine to what extent the results of the MS and MSD affect the associated data. This determination should be made with regard to he MS and MSD sample itself, as welll as specific analytes for all samples associated with the MS and MSD.

Note: In those instances where it can be determned that the results of the MS and MSD affect only the sample spiked, limit qualification to this sample only. However, it may be determined through the MS and MSD results that a laboratory is having a systematic problem in the analysis of one or more analytes that affect all associated samples, and the reviewer must use professional judgement to qualify the data from all associated samples.

Note: The reviewer must use professional judgement to determine the need for qualification of non-spiked compounds.

ACTION: Follow criteria in Table 4 when professional judgement deems qualification of sample.

Table 4. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Actions for Volatile Analysis

Criteria	Action	
	Detected Spiked Compounds	**Non-Detected Spiked Compounds**
%R > Upper Acceptance Limit	J	No Qualifiers
%R < Lower Acceptance Limit	J	UJ
Lower Acceptance Limit ≤ %R	No Qualifications	

YES NO N/A

6.0 Blank (CLP Form IV Equivalent)

6.1 Is the Method Blank Summary form present? [X] ___ ___

6.2 Frequency of Analysis: Has a method blank been analyzed for every 20 (or less) samples of similar matrix or concentration or each extraction batch? [X] ___ ___

6.3 Has a method blank been analyzed for each GC/MS system used ? [X] ___ ___

ACTION: If any blank data are missing, take action as specified above (section 3.2). If blank data is not available, reject (R) all associated positive data. However, using professional judgement, the data reviewer may substitute field blank data for missing method blank data.

6.4 Chromatography: review the blank raw data - chromatograms, quant reports or data system printouts.

Is the chromatographic performance (baseline stability) for each instrument acceptable for volatile organic compounds? [X] ___ ___

7.0 Contamination

NOTE: "Water blanks", "drill blanks" and "distilled water blanks" are validated like any other sample and are not used to qualify the data. Do not confuse them with the other QC blanks discussed below.

7.1 Do any method/instrument/reagent blanks have positive results for target analytes and/or TICs? When applied as described below, the contaminant concentration in these blanks are multiplied by the sample dilution factor and corrected for percent moisture where necessary.

[X] ___ ___

1,4-DCB was detected (0.19 J) in method blank 3. This compound was not detected in the investigative samples.

YES NO N/A

7.2 Do any field/rinse blanks have positive volatile organic compound results? X [ ]

ACTION: Prepare a list of the samples associated with each of the contaminated blanks. (Attach a separate sheet.)

NOTE: All field blank results associated to a particular group of samples (may exceed one per case or one per day) may be used to qualify data. Blanks may not be qualified because of contamination in another blank. Field blanks must be qualified forsurrogate, or calibration QC problems.

ACTION: Follow the directions in Table 5 below to qualify sample results due to contamination. Use the largest value from all the associated blanks.

Acetone (4 ug/L) was detected in the trip blank associated with the investigative samples. Detected acetone results less than 10x the trip blank concentration were qualified as not detected (U).

Table 5. Volatile Organic Analysis Blank Contamination Criteria

Blank Type	Blank Result	Sample Result	Action for Samples
Method, Storage, Field, Trip, Instrument**	Detects	Not detected	No qualification
	< CRQL*	< CRQL	Report CRQL value with a U
		≥ CRQL	Use professional judgement
	> CRQL*	< CRQL	Report CRQL value with a U
		≥ CRQL and < blank contamination	Report the concentration for the sample with a U, or quanity the data as unusable R
		≥ CRQL and ≥ blank contamination	Use professional judgement
	= CRQL*	< CRQL	Report CRQL value with a U
		≥ CRQL	Use professional judgement
	Gross contam-ination	Detects	Qualify results as unusable R

* 2x the CRQL for methylene chloride, 2-butanone, and acetone

** Qualifications based on instrument blank results affect only the sample analyzed immediately after the sample that has target compounds that exceed the calibration range or non-target compounds that exceed 100 ug/L.

NOTE: If gross blank contamination exists(e.g., saturated peaks, “hump-o-grams,” “junk” peaks), all affected positive compounds in the associated samples should be qualified as unusable “R”, due to interference. Non-detected volatile organic target compounds do not require qualification unless the contamination is so high that it interferes with the analyses of non-detected compounds.

YES NO N/A

7.3 Are there field/rinse/equipment blanks associated with every sample? [X] ___ ___

ACTION: For low level samples, note in data assessment that there is no associated field/rinse/equipment blank. Exception: samples taken from a drinking water tap do not have associated field blanks.

8.0 GC/MS Apparatus and Materials

8.1 Did the lab use the proper gas chromatographic column(s) for analysis of volatiles by Method 8260B? Check raw data, instrument logs or contact the lab to determine what type of column(s) was (were) used. [X] ___ ___

NOTE: For the analysis of volatiles, the method requires requires the use of 60 m. x 0.75 mm capillary column, coated with VOCOL(Supelco) or equivalent column. (see SW-846, page 8260B-7, section 4.9.2)

ACTION: If the specified column, or equivalent, was not used, document the effects in the Data Assessment. Use professional judgement to determine the acceptability of the data.

9.0 GC/MS Instrument Performance Check (CLP Form V Equivalent)

9.1 Are the GC/MS Instrument Performance Check forms present for Bromofluorobenzene (BFB), and do these forms list the associated samples with date/time analyzed? [X] ___ ___

9.2 Are the enhanced bar graph spectrum and mass/charge (m/z) listing for the BFB provided for each twelve hour shift? [X] ___ ___

9.3 Has an instrument performance check solution (BFB)

YES NO N/A

been analyzed for every twelve hours of sample analysis per instrument?(see Table 4, SW-846, page 8260B-36) [X] ___ ___

ACTION: List date, time, instrument ID, and sample analyses for which no associated GC/MS GC/MS tuning data are available.

ACTION: If the laboratory/project officer cannot provide missing data, reject ("R") all data generated outside an acceptable twelve hour calibration interval.

ACTION: If mass assignment is in error, flag all associated sample data as unusable, "R".

9.4 Have the ion abundances been normalized to m/z 95? [X] ___ ___

9.5 Have the ion abundance criteria been met for each instrument used? [X] ___ ___

ACTION: List all data which do not meet ion abundance criteria (attach a separate sheet).

ACTION: If ion abundance criteria are not met, take action as specified in section 3.2.

9.6 Are there any transcription/calculation errors between mass lists and reported values? (Check at least two values but if errors are found, check more.) ___ [ ] X

9.7 Have the appropriate number of significant figures (two) been reported? [ ] ___ X

ACTION: If large errors exist, take action as specified in section 3.2.

9.8 Are the spectra of the mass calibration compounds acceptable. [ ] ___ X

ACTION: Use professional judgement to determine wheather associated data should be accepted, qualified, or rejected.

YES NO N/A

10.0 Target Analytes (CLP Form I Equivalent)

10.1 Are the Organic Analysis reporting forms present with required header information on each page, for each of the following:

a. Samples and/or fractions as appropriate [X] ___ ___

b. Matrix spikes and matrix spike duplicates [X] ___ ___

c. Blanks [X] ___ ___

d. Laboratory Control Samples [X] ___ ___

10.2 Are the reconstructed Ion Chromatograms, mass spectra for the identified compounds, and the data system printouts (Quant Reports) included in the sample package for each of the following?

a. Samples and/or fractions as appropriate [X] ___ ___

b. Matrix spikes and matrix spike duplicates (Mass spectra not required) [X] ___ ___

c. Blanks [X] ___ ___

d. Laboratory Control Samples [X] ___ ___

ACTION: If any data are missing, take action specified in 3.2 above.

10.3 Is chromatographic performance acceptable with respect to:

Baseline stability? [X] ___ ___

	YES	NO	N/A
Resolution?	[X]	___	___
Peak shape?	[X]	___	___
Full-scale graph (attenuation)?	[X]	___	___

Other:_____

ACTION: Use professional judgement to determine the acceptability of the data.

10.4 Are the lab-generated standard mass spectra of identified volatile compounds present for each sample? [X] ___ ___

ACTION: If any mass spectra are missing, take action specified in 3.2 above. If the lab does not generate their own standard spectra, make a note in the Data Assessment. If spectra are missing, contact the lab.

10.5 Is the RRT of each reported compound within 0.06 RRT units of the standard RRT in the continuing calibration? [X] ___ ___

10.6 Are all ions present in the standard mass spectrum at a relative intensity greater than 10% (of the most abundant ion) also present in the sample mass spectrum? [X] ___ ___

10.7 Do the relative intensities of the characteristic ions in the sample agree within ± 30% of the corresponding relative intensities in the reference spectrum? [X] ___ ___

ACTION: Use professional judgement to determine acceptability of data. If it is determined that incorrect identifications were made, all such data should be rejected (“R”), flagged (“N") - Presumptive evidence of the presence of the compound) or changed to non detected (“U”) at the calculated detection limit. In order to be

YES NO N/A

positively identified, the data must comply with the criteria listed in 9.6, 9.7, and 9.8.

ACTION: When sample carry-over is a possibility, professional judgement should be used to determine if instrument cross-contamination has affected any positive compound identification.

11.0 Tentatively Identified Compounds (TIC) (CLP Form I/TIC Equivalent)

11.1 If Tentatively Identified Compound were required for this project, are all Tentatively Identified Compound reporting forms present; and do listed TICs include scan number or retention time, estimated concentration and a qualifier? [ ] ___ X

NOTE: Add "N" qualifier to all TICs which have CAS number, if missing.

NOTE: Have the project officer/appropriate official check the project plan to determine if lab was required to identify non-target analytes (SW-846, page 8260B-23, Sect. 7.6.2).

11.2 Are the mass spectra for the tentatively identified compounds and associated "best match" spectra included in the sample package for each of the following:

a. Samples and/or fractions as appropriate [ ] ___ X

b. Blanks [ ] ___ X

ACTION: If any TIC data are missing, take action specified in 3.2 above.

ACTION: Add "JN" qualifier only to analytes identified by a CAS#.

NOTE: If TICs are present in the associated blanks take action as specified in section 3.2 above.

YES NO N/A

11.3 Are any priority pollutants listed as TIC compounds (i.e., an BNA compound listed as a VOA TIC)? [ ] ___ X

ACTION: 1. Flag with "R" any target compound listed as a TIC.

2. Make sure all rejected compounds are properly reported if they are target compounds.

11.4 Are all ions present in the reference mass spectrum with a relative intensity greater than 10% (of the most abundant ion) also present in the sample mass spectrum? [ ] ___ X

11.5 Do TIC and "best match" standard relative ion intensities agree within ± 20%? [ ] ___ X

ACTION: Use professional judgement to determine acceptability of TIC identifications. If it is determined that an incorrect identification was made, change the identification to "unknown" or to some less specific identification (example: "C3 substituted benzene") as appropriate. Also, when a compound is not found in any blank, but is a suspected artifact of a common laboratory contaminant, the result should be qualified as unusable, "R". (Common lab contaminants: CO_2(M/E 44), Siloxanes (M/E 73), Hexane, Aldol Condensation Products, Solvent Preservatives, and related byproducts).

12.0 Compound Quantitation and Reported Detection Limits

12.1 Are there any transcription/calculation errors in organic analysis reporting form results? Check at least two positive values. Verify that the correct internal standard, quantitation ion, and average initial RRF/CF were used to calculate organic analysis reporting form result. Were any errors found? [ ] X ___

NOTE: Structural isomers with similar mass spectra, but insufficient GC resolution (i.e. percent valley between the two peaks > 25%) should be

YES NO N/A

reported as isomeric pairs. The reviewer should check the raw data to ensure that all such isomers were included in the quantitation (i.e., add the areas of the two coeluting peaks to calculate the total concentration).

12.2 Are the method CRQL's adjusted to reflect sample dilutions and, for soils, sample moisture? [ ] ___ X

ACTION: If errors are large, take action as specified in section 3.2 above.

ACTION: When a sample is analyzed at more than one dilution, the lowest detection limits are used (unless a QC exceedance dictates the use of the higher detection limit from the diluted sample data). Replace concentrations that exceed the calibration range in the original analysis by crossing out the "E" and it's associated value on the original reporting form (if present) and substituting the data from the analysis of the diluted sample. Specify which organic analysis reporting form is to be used, then draw a red "X" across the entire page of all reporting forms that should not be used, including any in the summary package.

13.0 Standards Data (GC/MS)

13.1 Are the Reconstructed Ion Chromatograms, and data system printouts (Quant Reports) present for initial and continuing calibration? [X] ___ ___

ACTION: If any calibration standard data are missing, take action specified in section 3.2 above.

14.0 GC/MS Initial Calibration (CLP Form VI Equivalent)

YES NO N/A

14.1 Are the Initial Calibration reporting forms present and complete for the volatile fraction? [X] ___ ___

ACTION: If any calibration forms or standard raw data are missing, take action specified in section 3.2 above.

ACTION: If the percent relative standard deviation (% RSD) is > 20%, (8000C-39)qualify positive results for that analyte “J”. When % RSD > 90%,. Qualify all positive results for that analyte “J” and all non-detects results for that analyte “R”.

14.2 Are all average RRFs > 0.050? [X] ___ ___

NOTE: (Method Requirement) For SPCC compounds, the individual RRF values must be ≥ the values in the following list. If individual RRF values reported are below the listed values document in the Data Assessment.

Chloromethane	0.10
1,1-Dichloroethane	0.10
Bromoform	0.10
Chlorobenzene	0.30
1,1,2,2-Tetrachloroethane	0.30

ACTION: Circle all outliers with red pencil.

ACTION: For any target analyte with average RRF < 0.05, or for the requirements for the 5 compounds in 14.2 above, qualify all positive results for that analyte "J" and all non-detect results for that analyte "R".

14.3 Are response factors stable over the concentration range of the calibration. [X] ___ ___

NOTE: (Method Requirement) For the following CCC compounds, the %RSD values must be ≤ 30.0%. If %RSD values reported are > 30.0% document in the Data Assessment.

YES NO N/A

1,1-Dichloroethene
Chloroform
1,2-Dichloropropane
Toluene
Ethylbenzene
Vinyl chloride

ACTION: Circle all outliers with a red pencil.

ACTION: If the % RSD is > 20.0%, or > 30% for the 6 compounds in 14.3 above, qualify positive results for that analyte "J" and non-detects using professional judgement. When RSD > 90%, qualify all positive results for that analyte "J" and all non-detect results for that analyte "R".

NOTE: The above data qualification action applies regardless of method requirements.

NOTE: Analytes previously qualified "U" due to blank contamination are still considered as "hits" when qualifying for calibration criteria.

14.4 Was the % RSD determined using RRF or CF? [X] ___ ___

If no, what method was used to determine the linearity of the initial calibration? Document any effects to the case in the Data Assessment.

14.5 Are there any transcription/calculation errors in the reporting of RRF or % RSD? (Check at least two values but if errors are found, check more.) [ ] X ___

ACTION: Circle errors with a red pencil.

ACTION: If errors are large, take action as specified in section 3.2 above.

15.0 GC/MS Calibration Verification (CLP Form VII Equivalent)

YES NO N/A

15.1 Are the Calibration Verification reporting forms present and complete for all compounds of interest? [X] ___ ___

15.2 Has a calibration verification standard been analyzed for every twelve hours of sample analysis per instrument? [X] ___ ___

ACTION: List below all sample analyses that were not within twelve hours of a calibration verification analysis for each instrument used.

_____

ACTION: If any forms are missing or no calibration verification standard has been analyzed twelve hours prior to sample analysis, take action as specified in section 3.2 above. If calibration verification data are not available, flag all associated sample data as unusable ("R").

15.3 Was the % D determined from the calibration verification determined using RRF or CF? [X] ___ ___

If no, what method was used to determine the calibration verification? Document any effects to the case in the Data Assessment.

15.4 Do any volatile compounds have a % D (difference or drift) between the initial and continuing RRF or CF which exceeds 20% (SW-846, page 8260B-19, section 7.4.5.2). [X] ___ ___

NOTE: (Method Requirement) For the following CCC compounds, the %D values must be ≤ 20.0%. If %D values reported are > 20.0% document in the Data Assessment.

1,1-Dichloroethene
Chloroform
1,2-Dichloropropane
Toluene
Ethylbenzene
Vinyl chloride

YES NO N/A

ACTION: Circle all outliers with a red pencil.

ACTION: Qualify both positive results and non-detects for the outlier compound(s) as estimated, “J”. When %D is above 90%, qualify all positive results for that analyte "J" and all non-detect results for that analyte "R".

NOTE: The above data qualification action applies regardless of method requirements.

15.5 Do any volatile compounds have a RRF < 0.05? [ ] X ___

NOTE: (Method Requirement) For SPCC compounds, the individual RRF values must be ≥ the values in the following list for each calibration verification. If average RRF values reported are below the listed values document in the data assessment.

Chloromethane	0.10
1,1-Dichloroethane	0.10
Bromoform	0.10
Chlorobenzene	0.30
1,1,2,2-Tetrachloroethane	0.30

ACTION: Circle all outliers with a red pencil.

ACTION: If RRF < 0.05, or < the the requirements for the 5 compounds is section 15.5 above, qualify all positive results for that analyte "J" and all non-detect results for that analyte "R".

NOTE: The above data qualification action applies regardless of method requirements.

16.0 Internal Standards (CLP Form VIII Equivalent)

16.1 Are the internal standard (IS) areas on the internal standard reporting forms of every sample and blank within the upper and lower limits (-50% to + 100%) for each initial mid-point calibration (SW-846, 8260B-20, Sect. 7.4.7)? [X] ___ ___

YES NO N/A

ACTION: If errors are large or information is missing, take action as specified in section 3.2 above.

ACTION: List each outlying internal standard below.

Sample ID	IS #	Area Lower Limit	Area Upper Limit

(Attach additional sheets if necessary.)

ACTION: 1. If the internal standard area count is outside the upper or lower limit, flag with "J" all positive results quantitated with this internal standard.

2. Do not qualify non-detects when the associated IS are counts area > + 100%.

3. If the IS area is below the lower limit (< -50%), qualify all associated non-detects (U-values) "J".

4. If extremely low area counts are reported (< -25%) or if performance exhibits a major abrupt drop off, flag all associated non-detects as unusable “R” and positive results as estimated “J”.

16.2 Are the retention times of all internal standards within 30 seconds of the associated initial mid-point calibration standard (SW-846, 8260B-20, Sect. 7.4.6)? [X] ___ ___

ACTION: Professional judgement should be used to qualify data if the retention times differ by more than 30 seconds.

YES NO N/A

17.0 Field Duplicates

17.1 Were any field duplicates submitted for volatile analysis? [X] ___ ___

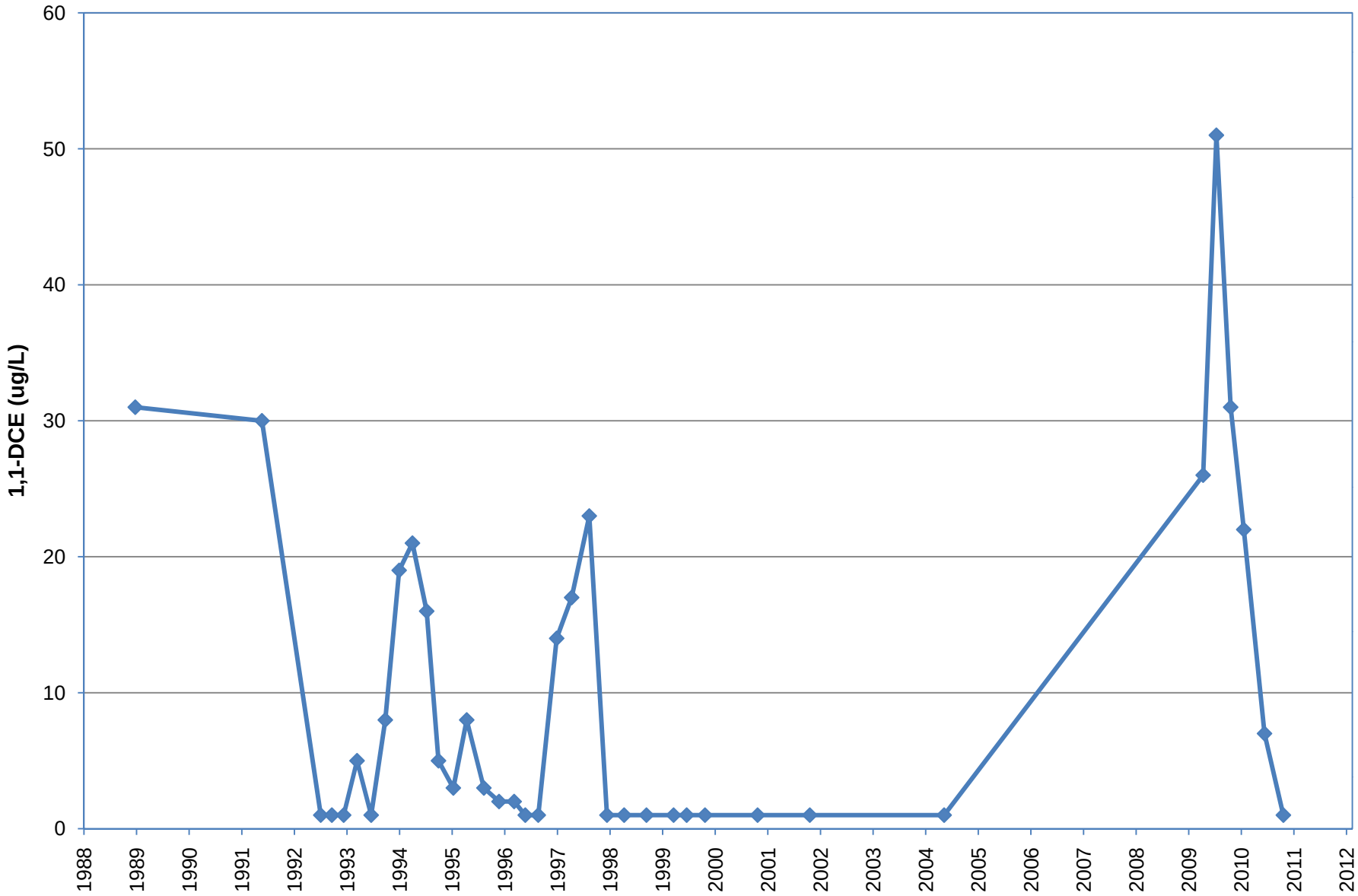
ACTION: Compare the reported results for field duplicates and calculate the relative percent difference.

ACTION: Any gross variation between field duplicate results must be addressed in the Data Assessment. However, if large differences exist, take action specified in section 3.2 above.

APPENDIX C

1,1-DCE TREND GRAPHS

P-7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60
50
40
30
20
10
0
1988
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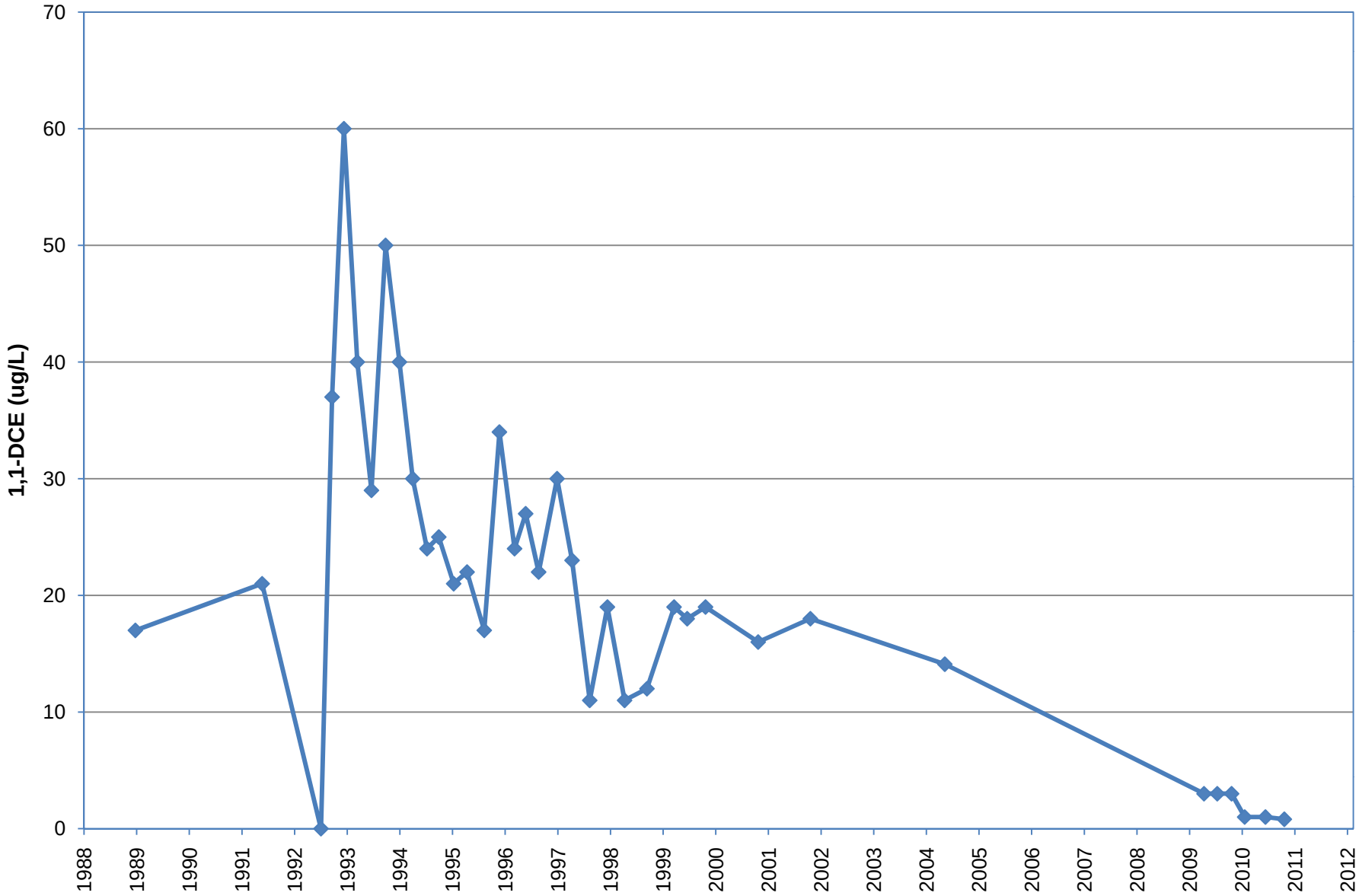
2012

P-7A


1,1-DCE (ug/L)
70
60
50
40
30
20
10
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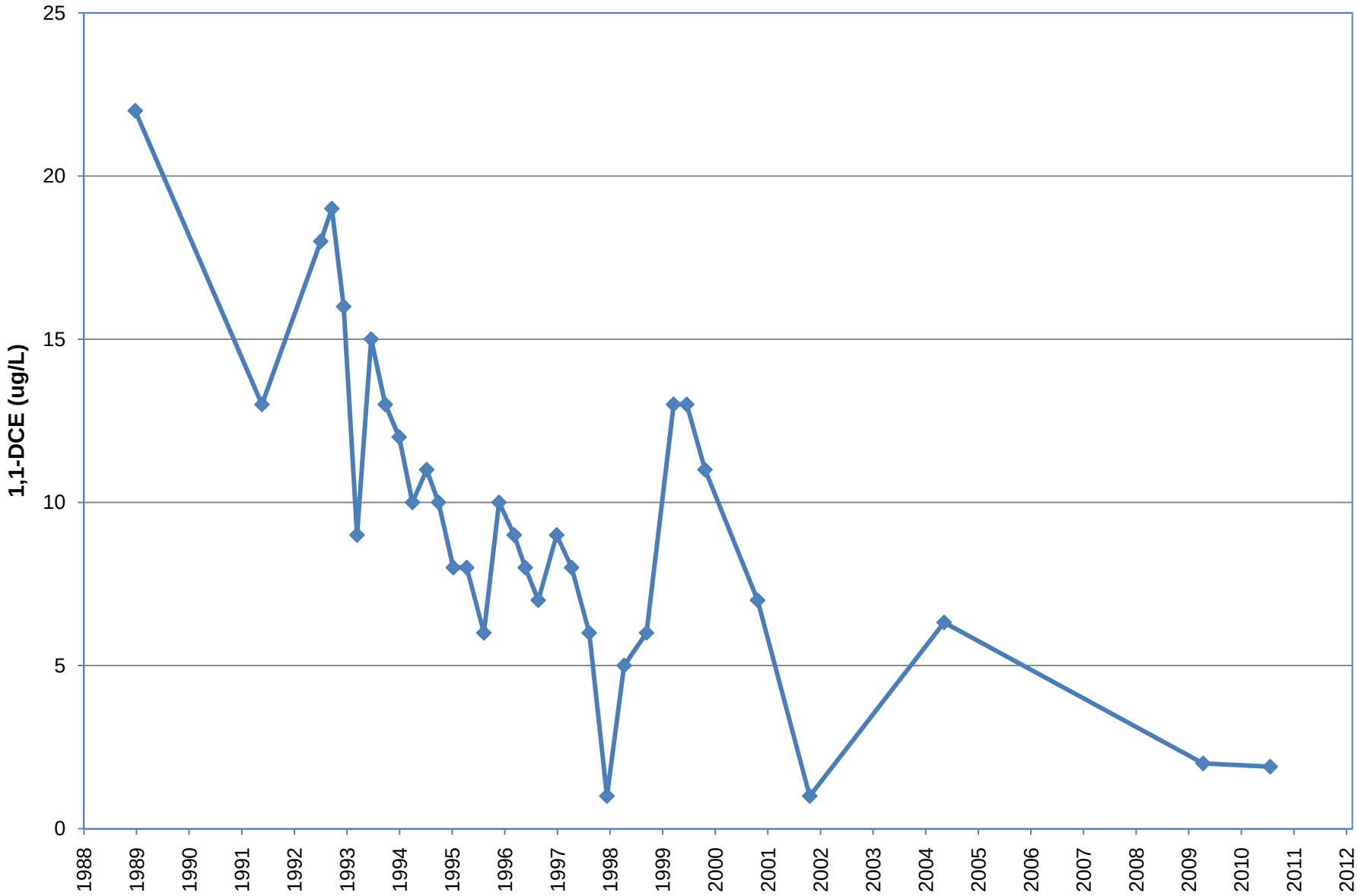
2012

P-9


1,1-DCE (ug/L)
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20
15
10
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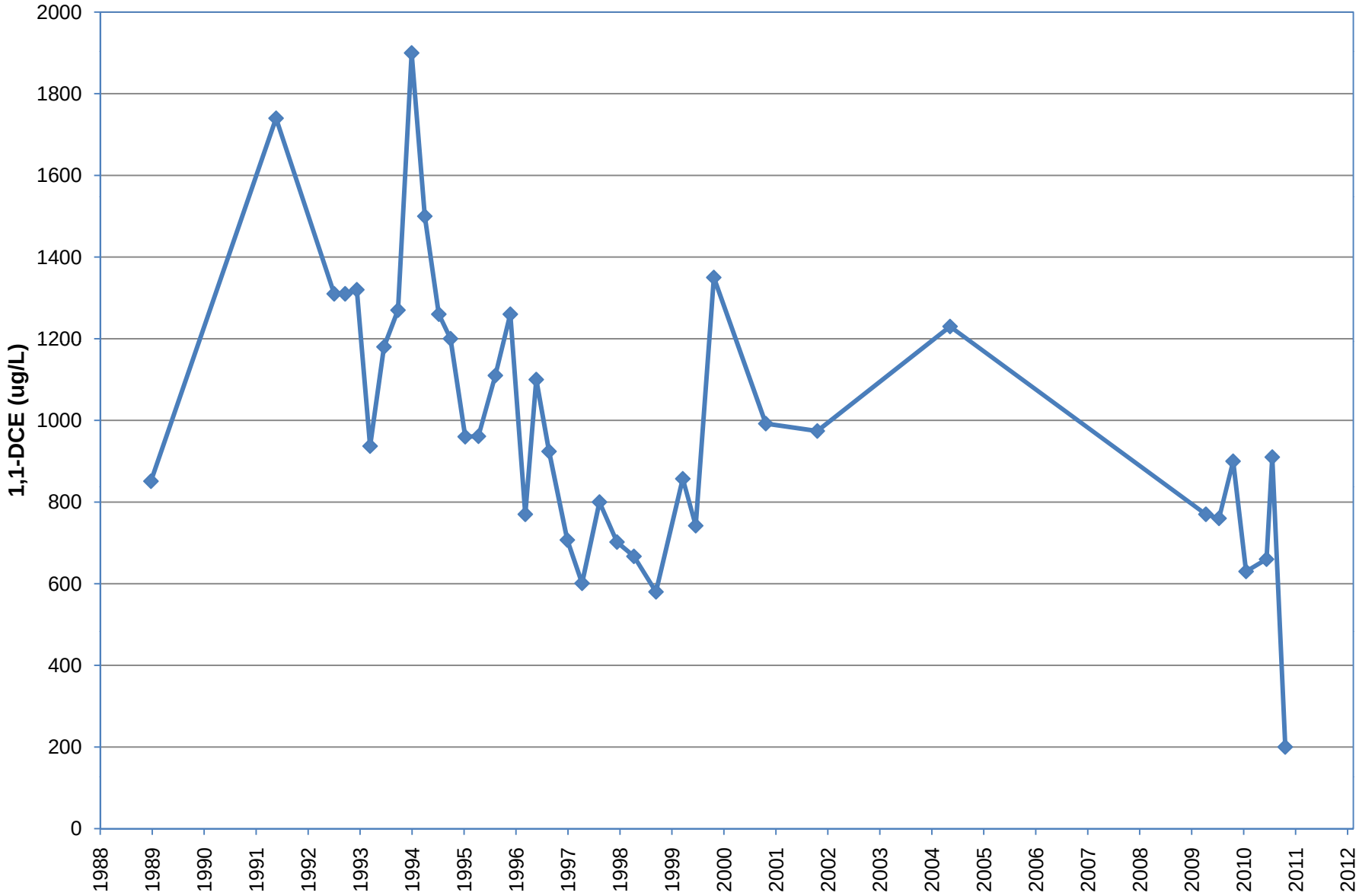
2012

P-10A


1,1-DCE (ug/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
1988
1989
1990
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1992
1993
1994
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2007
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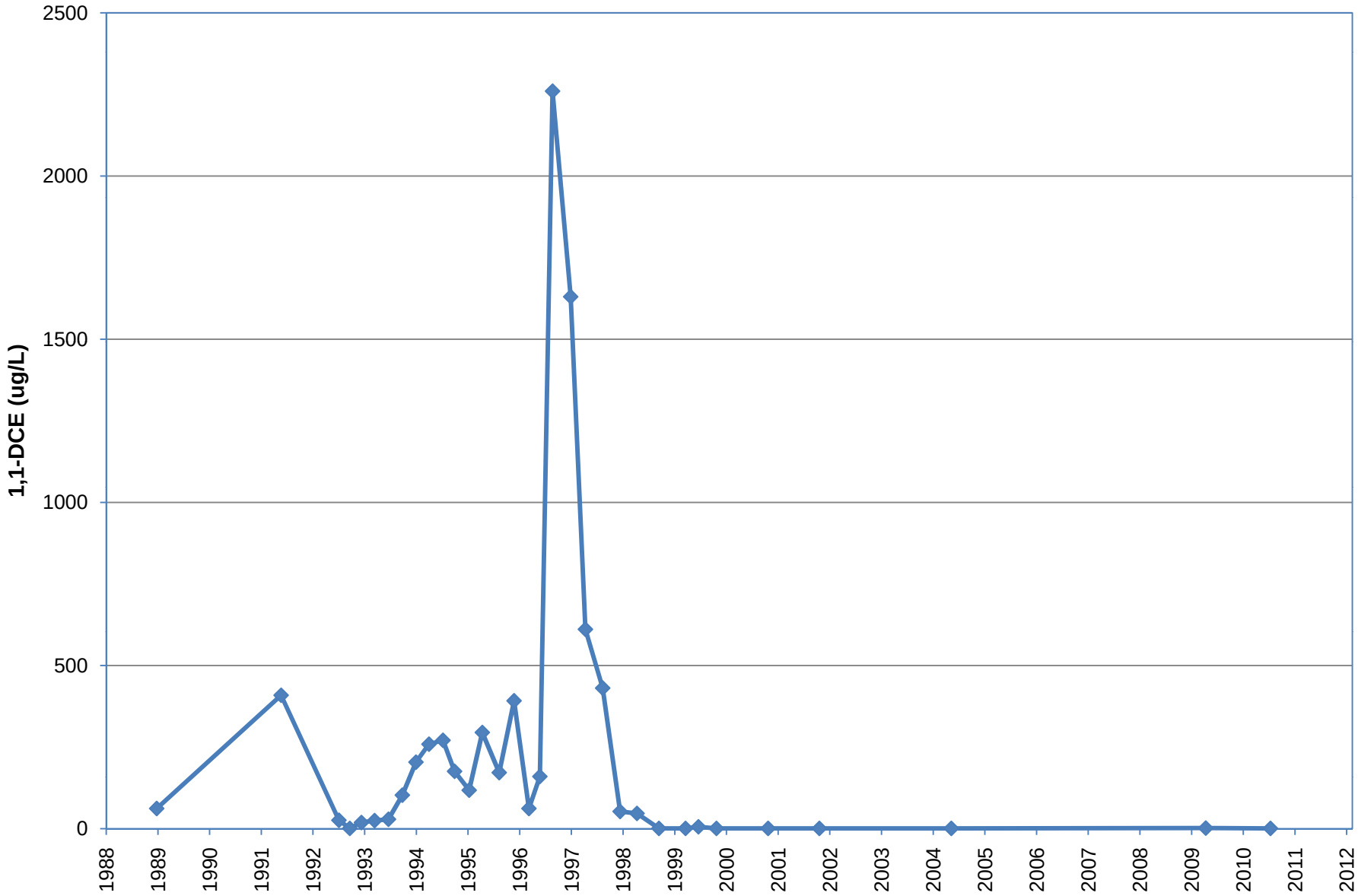
2009
2010
2011
2012

P-11


1,1-DCE (ug/L)
2500
2000
1500
1000
500
0
1988
1989
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1991
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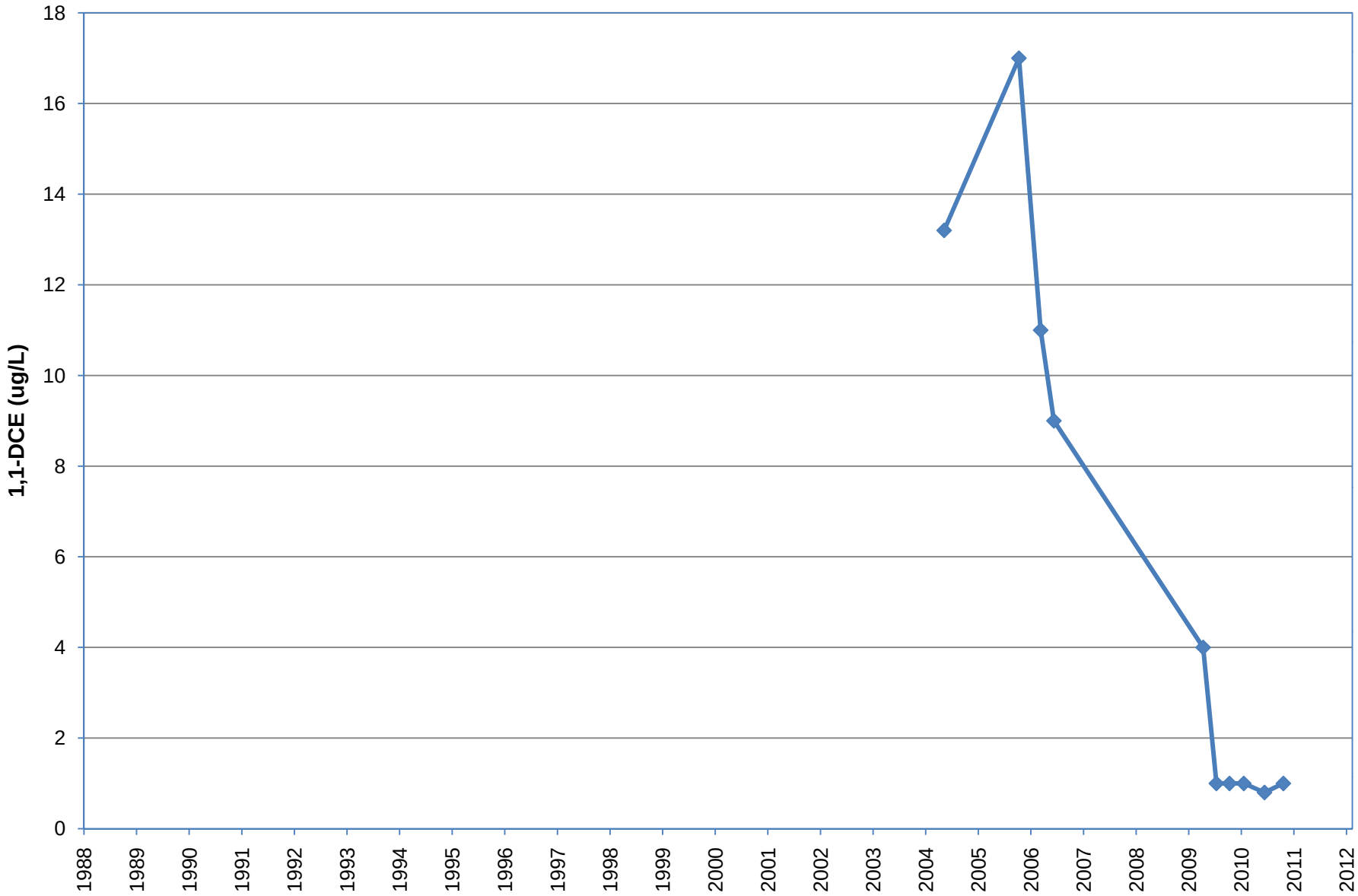
2012

P-16S


1,1-DCE (ug/L)
18
16
14
12
10
8
6
4
2
0
1988
1989
1990
1991
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1993
1994
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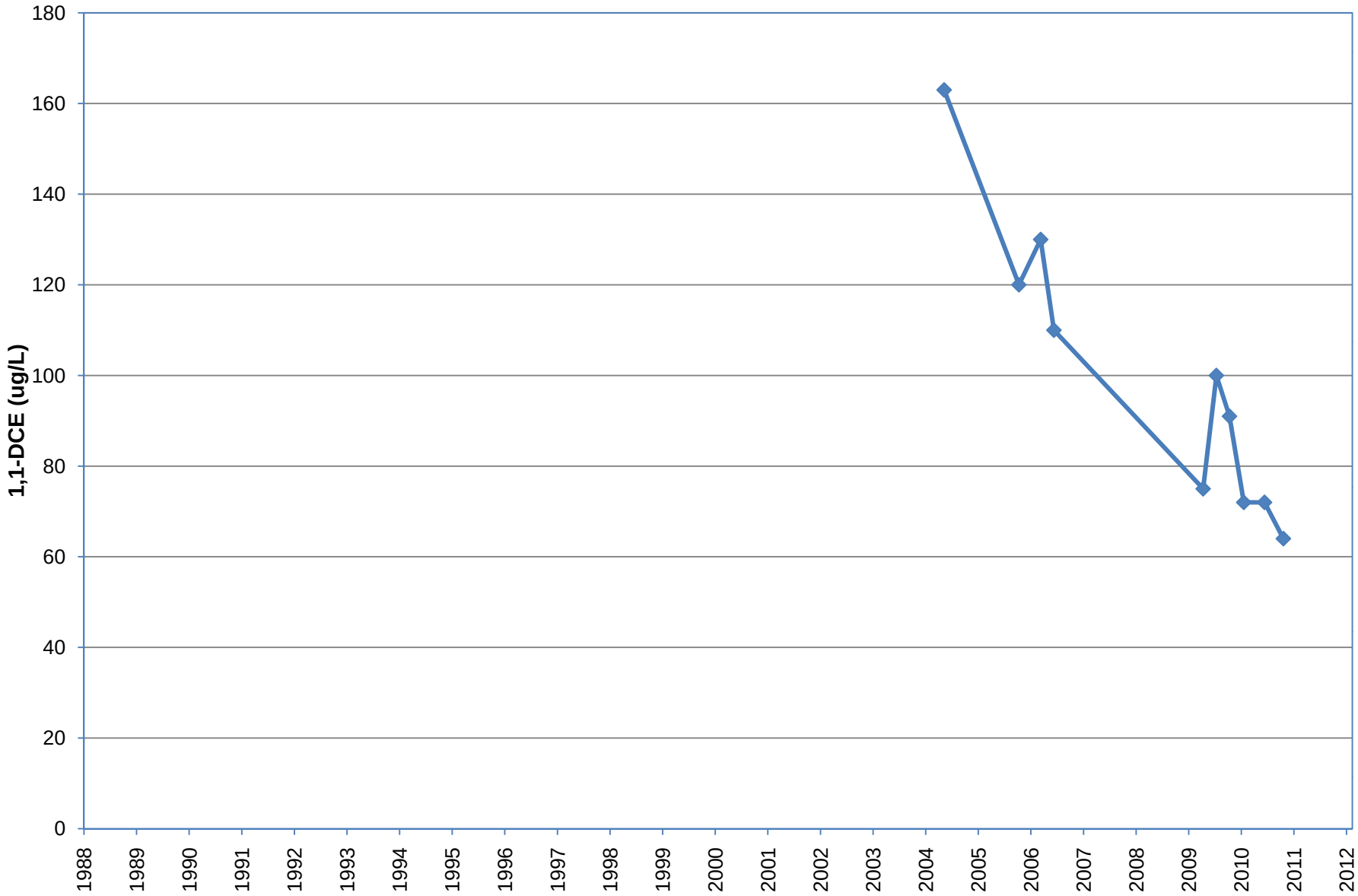
2008
2009
2010
2011
2012

P-17D


1,1-DCE (ug/L)
180
160
140
120
100
80
60
40
20
0
1988
1989
1990
1991
1992
1993
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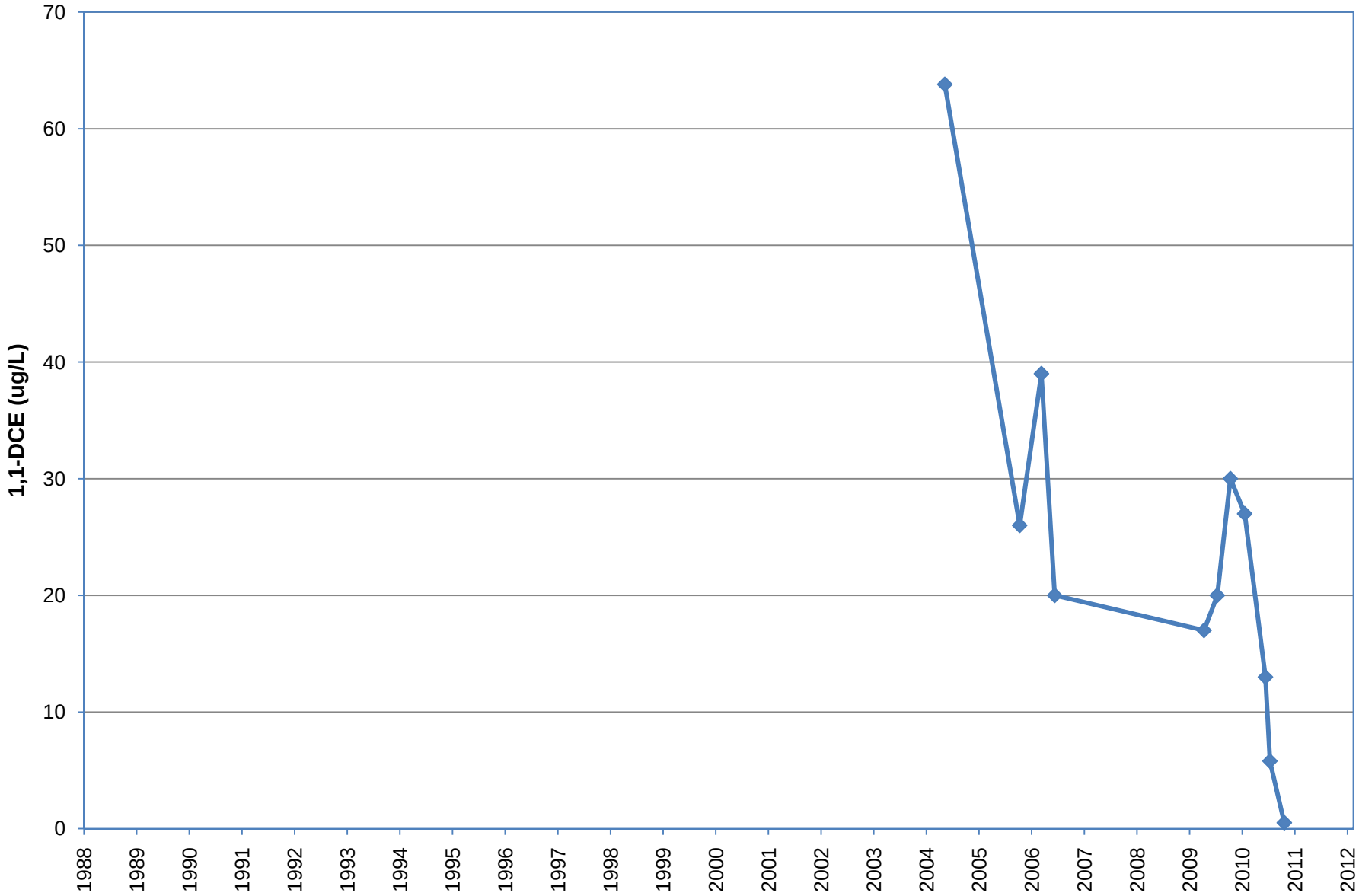
2010
2011
2012

P-18S


1,1-DCE (ug/L)
70
60
50
40
30
20
10
0
1988
1989
1990
1991
1992
1993
1994
1995
1996
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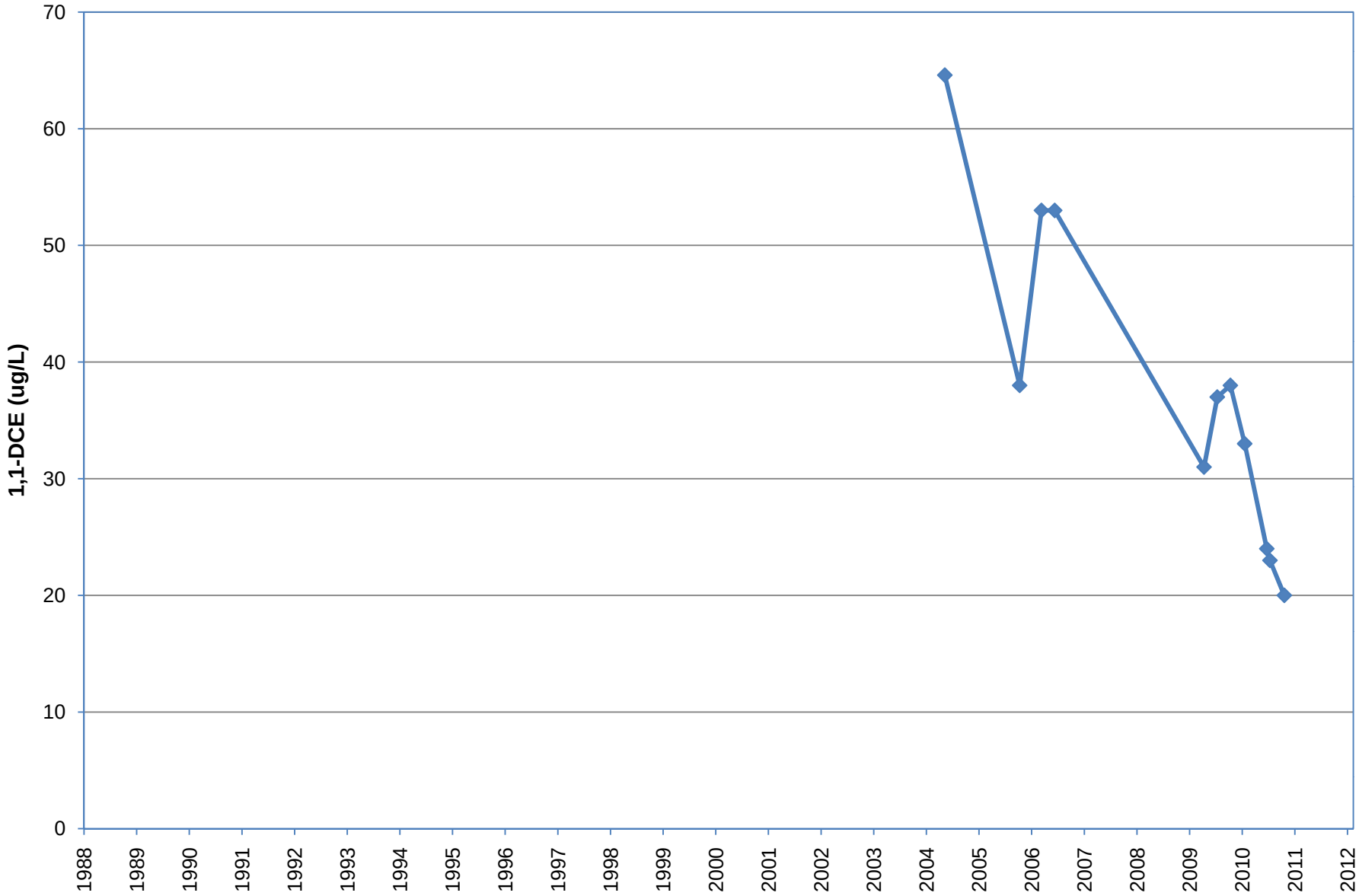
2008
2009
2010
2011
2012

P-18D


1,1-DCE (ug/L)
70
60
50
40
30
20
10
0
1988
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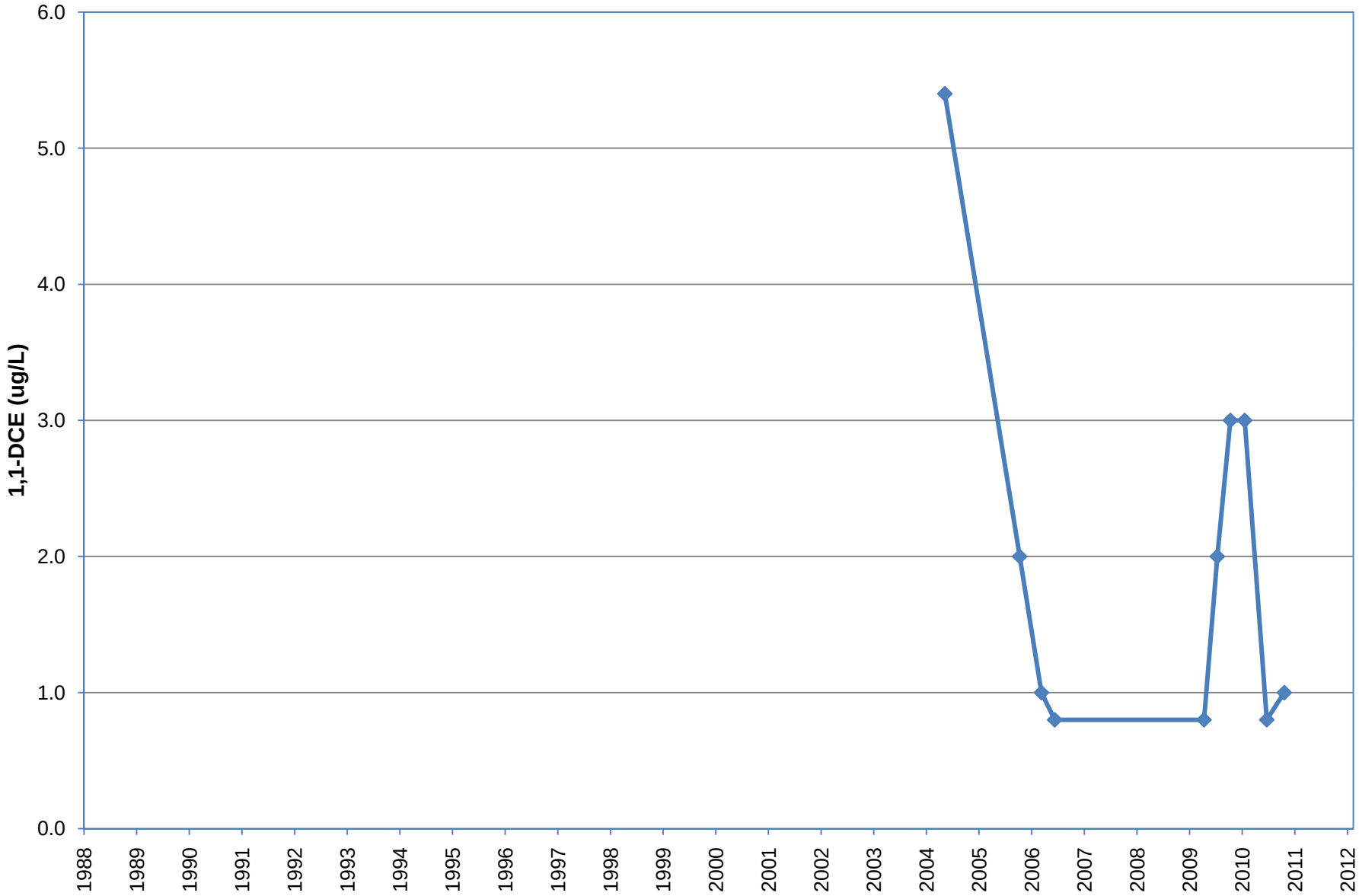
P-19S


1,1-DCE (ug/L)
6.0
5.0
4.0
3.0
2.0
1.0
0.0
1988
1989
1990
1991
1992
1993
1994
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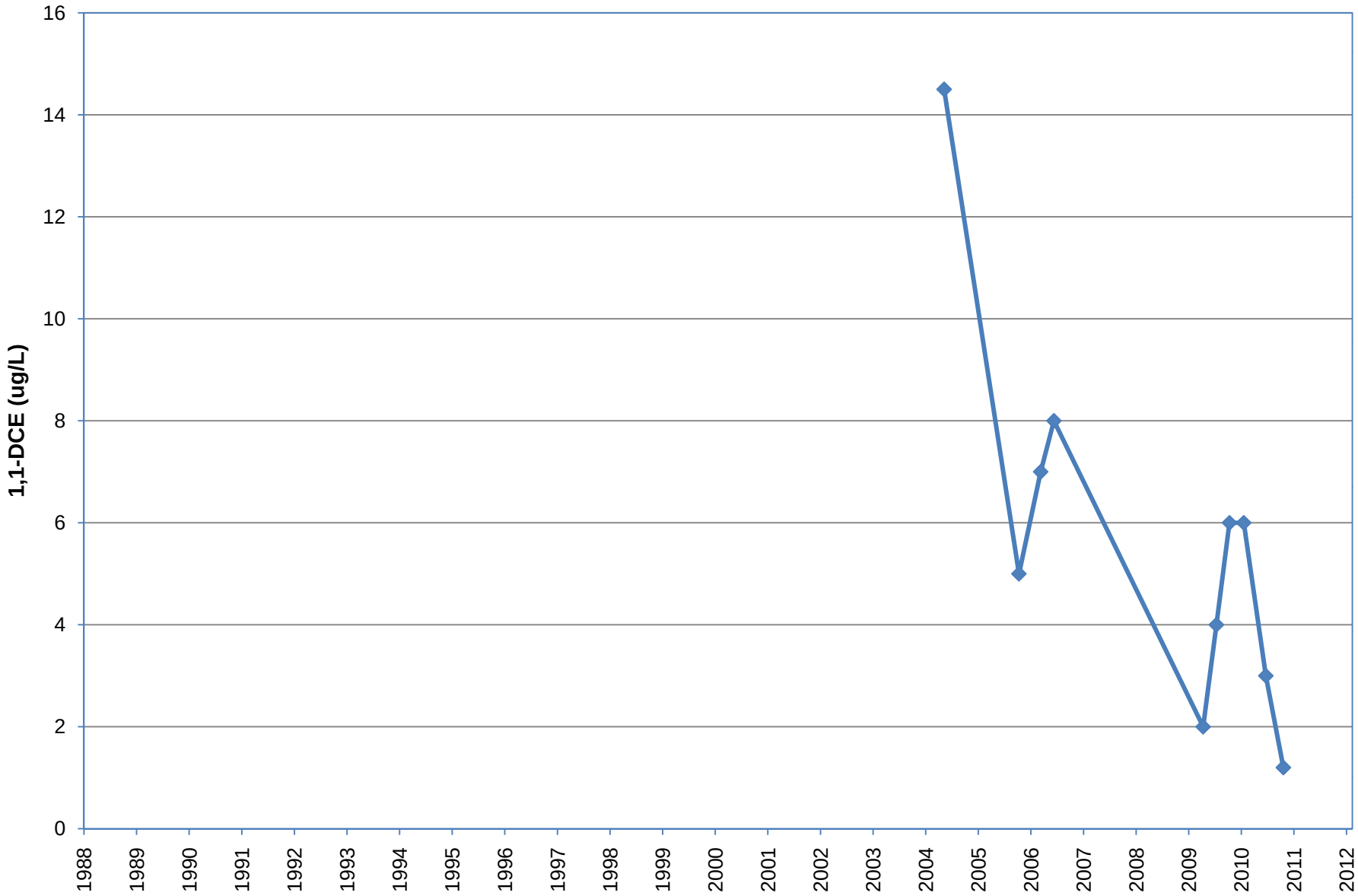
2011
2012

P-19D


1,1-DCE (ug/L)
16
14
12
10
8
6
4
2
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1988
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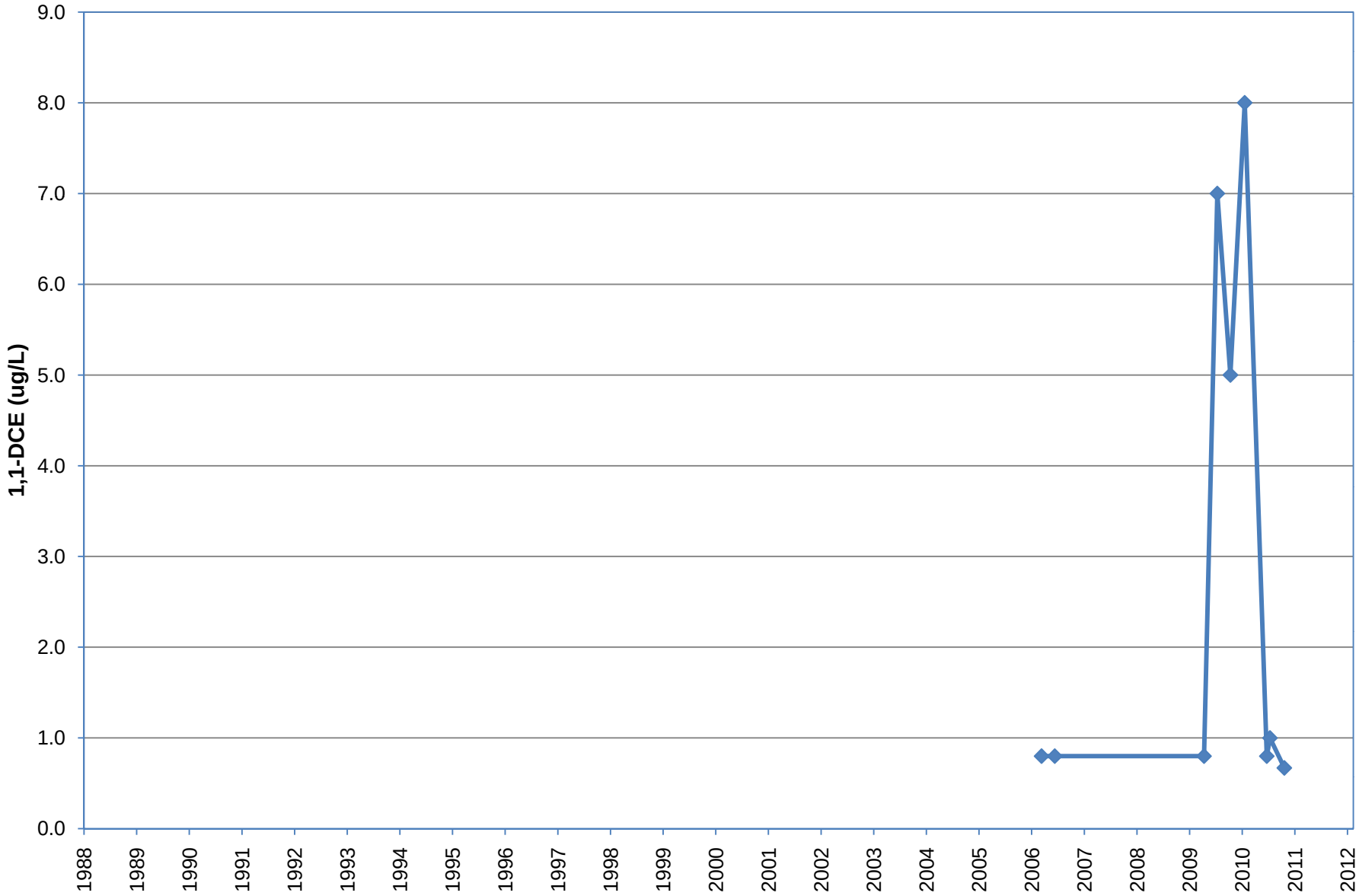
2012

P-20S


1,1-DCE (ug/L)
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
1988
1989
1990
1991
1992
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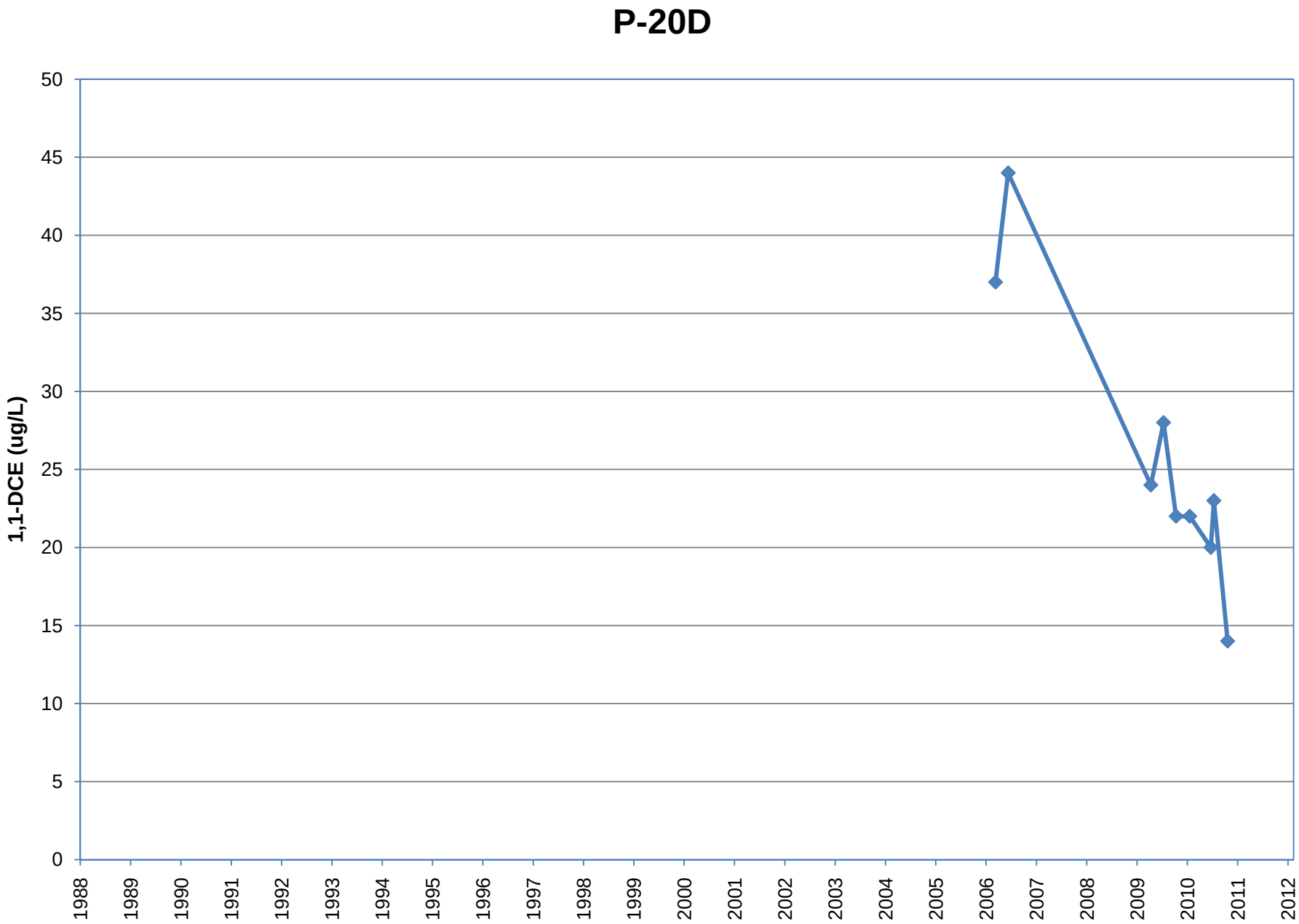
P-20D
1,1-DCE (ug/L)
50
45
40
35
30
25
20
15
10
5
0
1988
1989
1990
1991
1992
1993
1994
1995
1996
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APPENDIX D

PROGRESS REPORT

Progress Report for this reporting period (September 30, 2010 through January 31, 2011). The Progress Report was prepared in accordance with Section V.C. of the facility's Administrative Order on Consent (Order) dated March 29, 1988, and approved revisions (January 26, 2010).

i. Description and estimate of the percentage of the project completed

The project is approximately 70 percent complete. The following table outlines the status of the major project milestones.

Activity	Status
Preliminary Site Investigation	Complete (1986)
Closure of Drying Beds	Complete (1987); Approved (2005)
Interim Corrective Measures (French Sump Removal)	Complete (1990); Approved (1991)
RCRA Facility Investigation	Complete (1992); Approved (1992)
Corrective Measures Study	Complete (1993); Not Approved (1993)
Human Exposures Under Control (CA725)	Complete (2004)
Supplemental RCRA Facility Investigation	Complete (2005); Not Approved (2005)
Groundwater Contamination Under Control (CA750)	Pending
Corrective Measures Implementation	Pending
Site Closure	Pending

Following the closure of the Drying Beds and the French sump, GE performed a RCRA Facility Investigation (RFI) in 1992. The RFI was subsequently approved by the USEPA, and GE proceeded to perform a Corrective Measures Study (CMS) to address groundwater impacted by volatile organic compounds (VOCs) originating from the French sump. The results of the CMS indicated that monitored natural attenuation was an acceptable corrective measure for addressing impacted groundwater. In 1993, GE began monitoring groundwater as a self-implementation.

In 2000, the USEPA expressed concern that the CMS could not be approved due to insufficient groundwater characterization (e.g., the downgradient edge of the impacted groundwater had not been defined). In 2003, the USEPA and GE agreed that further investigation would be performed.

In 2005, GE performed a Supplemental RFI to further characterize the extent of impacted groundwater and to further evaluate the use of monitored natural attenuation as a corrective measure. The USEPA did not approve the Supplemental RFI as it felt further delineation was required. The USEPA and GE then agreed that GE would perform additional offsite groundwater sampling to address the data gaps identified in the Supplemental RFI. Subsequent to this agreement, GE was unable to secure site access from property owner(s) located southwest of the Site.

Consequently, GE was unable to perform the requested groundwater sampling. A *Groundwater Modeling Work Plan* (2007) was then developed and submitted to the USEPA with the intent of delineating the extent of impacted groundwater by using a computer model. The information obtained from executing this work plan would also be used to document the remaining Environmental Indicator Determination (*Groundwater Contamination Under Control - CA750)*, which is currently pending.

GE received approval from the USEPA to execute the *Groundwater Modeling Work Plan* in May 2009. GE initiated this work in June 2009 and submitted the draft results to the USEPA and EQB in September 2009. Subsequent to the fate and transport modeling and at the request of the USEPA, GE performed additional groundwater monitoring events (September 2009, December 2009, and March 2010 2010). The results of the September and December 2009 and March 2010 monitoring events were previously submitted to the USEPA.

A meeting between the USEPA and GE was held on April 22, 2010, to discuss the extent of impacted groundwater and the need for further downgradient characterization. During this meeting, GE agreed to the USEPA's request to continue groundwater monitoring on a quarterly basis for one additional year. Subsequent groundwater monitoring events have been conducted in August and December of 2010. After completing the groundwater delineation, GE plans to address the USEPA's comments on the CMS and Supplemental RFI. Following approval of these documents, GE will implement the final corrective measures for the Site with the intent of obtaining site closure.

ii. Summaries of all findings

Sludge drying beds were removed from the Site in 1989. To evaluate possible impacts to groundwater, monitoring was performed for three years following closure activities. Based on three years of post-closure groundwater monitoring, impacts were not identified, and the USEPA provided an Approval of Clean Closure for the sludge drying beds.

A French sump was formerly located onsite and used for waste disposal from 1977 until 1980. Wastes included treated wastewater sludge, waste oils, and spent solvents. In 1990, the French sump was removed as part of the Interim Measures. Completion of the Interim Corrective Measures was approved by the USEPA in 1991. Although the French sump was removed in 1990, residual groundwater impacts have been noted during the RFI (1992) and the Supplemental RFI (2005). The constituents of concern associated with the former French Sump include VOCs. The primary VOCs of concern include 1,1,1-trichloroethane (1,1,1-TCA) and 1,1-dichloroethene (1,1-DCE). The extent of groundwater impacted by 1,1,1-TCA does not extend off of GE's property. Historical sample results for 1,1,1-TCA range from non-detect to 586 micrograms per liter (µg/L). The extent of groundwater impacted by 1,1-DCE extends offsite (south-southwest) towards the Rio Chico and Rio Grande. Historical sample results for 1,1-DCE range from non-detect to 1,230 µg/L. The highest offsite sample result for 1,1-DCE is 110 µg/L (located approximately 250 feet southwest of the Site). VOC concentrations in groundwater samples collected near the former French sump have decreased.

The results from the previous sampling events indicate that the highest VOC concentrations (primarily 1,1-DCA and 1,1-DCE) were detected in the sample collected from well P-8D, which is located onsite and downgradient of the former French sump. The 1,1-DCE concentration for the farthest downgradient monitoring well sampled (P-20D, approximately 1,300 feet southwest of the former French sump) is approximately 14 µg/L. The extent of 1,1-DCE in the shallow zone is between P-22S and P-20S. For the deep zone, the extent is not defined by the downgradient monitoring wells, but based on recent groundwater modeling is bound by the Rio Grande.

The most recent results from the December 2010 sampling event are enclosed and discussed in Section 4.0.

iii. Summaries of all changes made in the project during the reporting period

Progress reports are submitted with Groundwater Monitoring Reports (as appropriate).

The draft *Groundwater Modeling Report* was submitted to the USEPA and EQB on September 4, 2009. Informal comments regarding the results presented in this draft report have been received from the USEPA. This report was reviewed by EQB.

The *Groundwater Monitoring Reports* for September 2009, December 2009, March 2010, and August/September 2010 were submitted to the USEPA and EQB. Informal comments regarding these results presented in this report have been received from the USEPA. These reports were reviewed by EQB.

In June of 2010, GE ceased manufacturing operations at the Site and began decommissioning and site exiting activities. In September of 2010, GE completed a Phase II Environmental Site Assessment (ESA) to document Site conditions prior to exiting the lease for the Site. These activities included evaluating site wide environmental and building conditions not associated the consent order. As of the publication of this groundwater monitoring report, the Phase II ESA is in the process of being finalized. GE plans to submit the Phase II ESA results to EPA as part of a separate document.

In November 2010, GE submitted a Quality Assurance Project Plan to the USEPA that outlined the use of passive diffusion bag samplers in lieu of low flow groundwater sampling. Comments have not been received from USEPA on this draft document.

iv. Summaries of all contacts with representatives of local community, public interest groups or State government during the reporting period

None.

v. Summaries of all problems or potential problems encountered during the reporting period

None.

vi. Actions being taken to rectify problems

None.

vii. Changes in personnel during the reporting period

None.

viii. Projected work for the next reporting period

Development of a groundwater monitoring plan and further negotiations with USEPA regarding characterization of impacted groundwater.

GE is in the process of negotiating the lease exit for the facility during the first quarter of 2011. Although GE will no longer occupy or operate the facility, GE will continue to meets its environmental obligations associated with historical operations.

ix. Copies of daily reports, inspections reports, laboratory/monitoring data, etc.

Field data sheets and laboratory data for the December 2010 sampling event are enclosed.

GE plans to submit the information obtained during the Phase II ESA as part of a separate document. This document is currently draft and will be finalized during the next reporting period.